

# Industrial Products Source

Vol 22

Issue 12

Thane

December 2025

Pages 116

Price ₹30/-

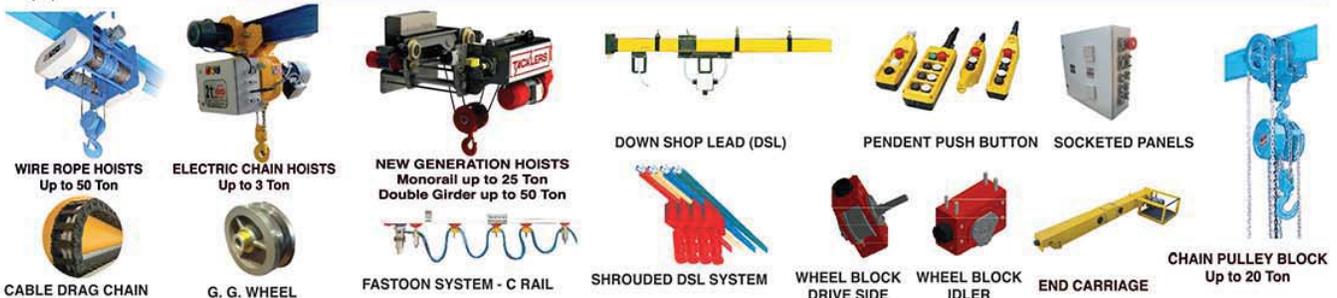
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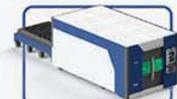
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## Industrial Products Source

(A Product News Publication)

Vol. 22 No. 12 December 2025

ISSN 0973-1857

**Editor & Publisher:** Mohanan Naduvalath  
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Mobile: 098208 38998

**Layout Artist:** Chandrakant G. Kadam

*Single copy price: ₹30/-*

*Annual Subscription: ₹300/-*

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and Printed at Perfect Prints,  
22/23 Jyoti Industrial Estate, Noori Baba Darga Road,  
Near Makhmali Talao, Thane 400 601, and Published from  
A/10 Jayshree Laxmi Puja CHS Ltd., M.E.S. Road,  
Plot No: 78/82, Ramachandra Nagar,  
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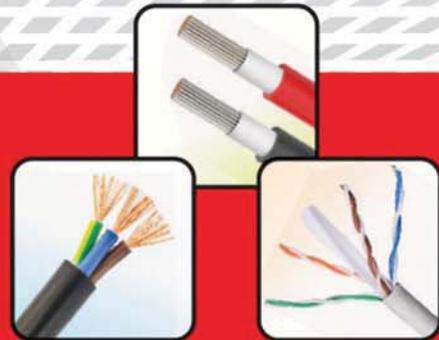
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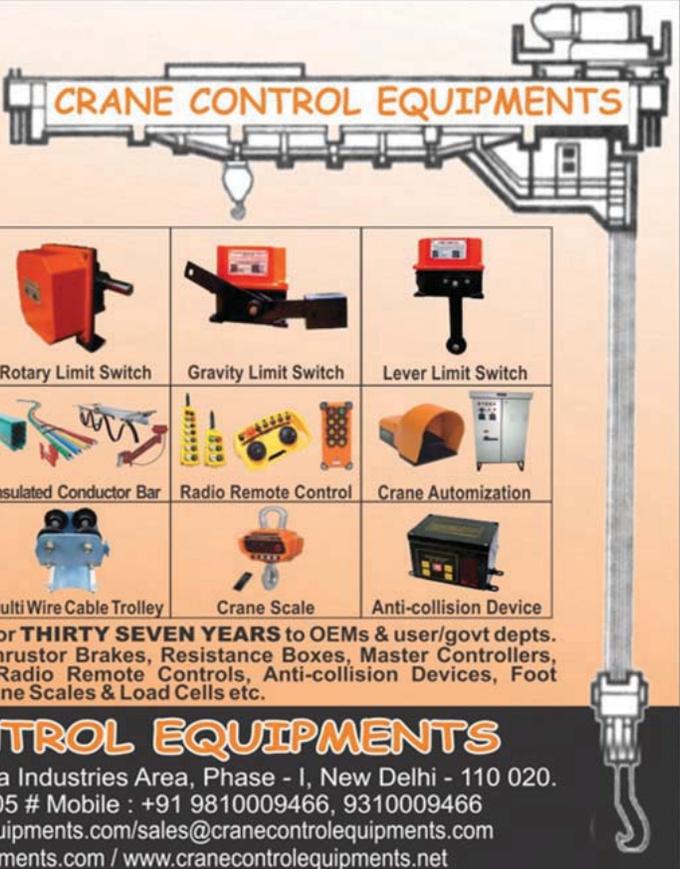
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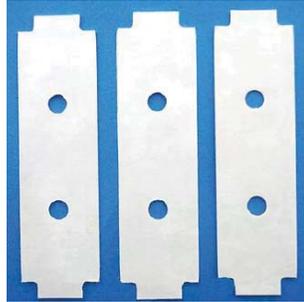
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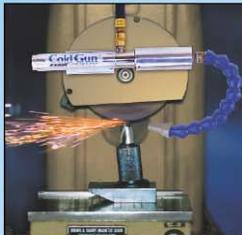
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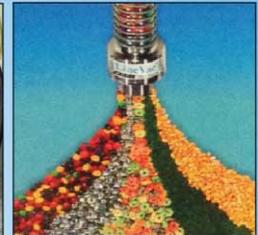
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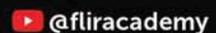
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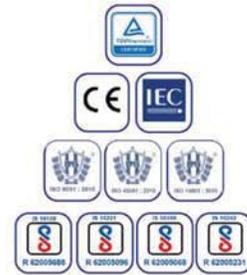
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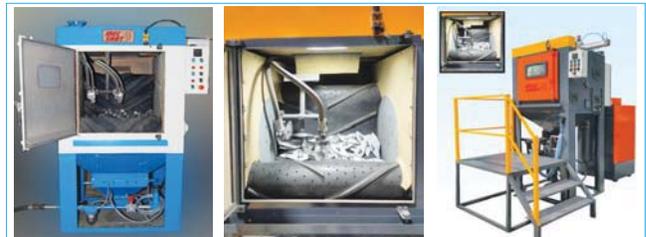
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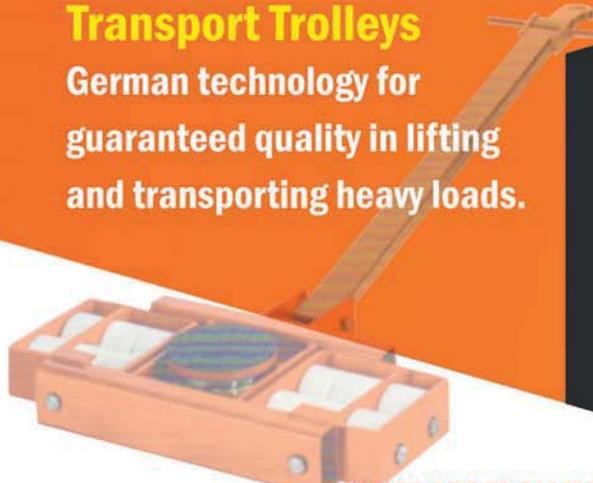
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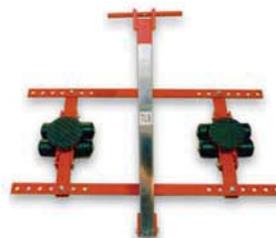
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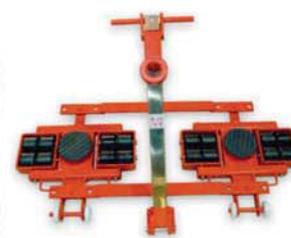
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L3



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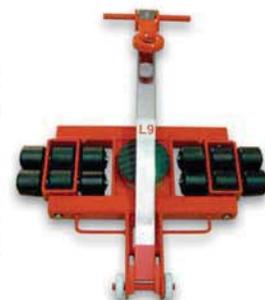
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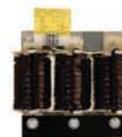
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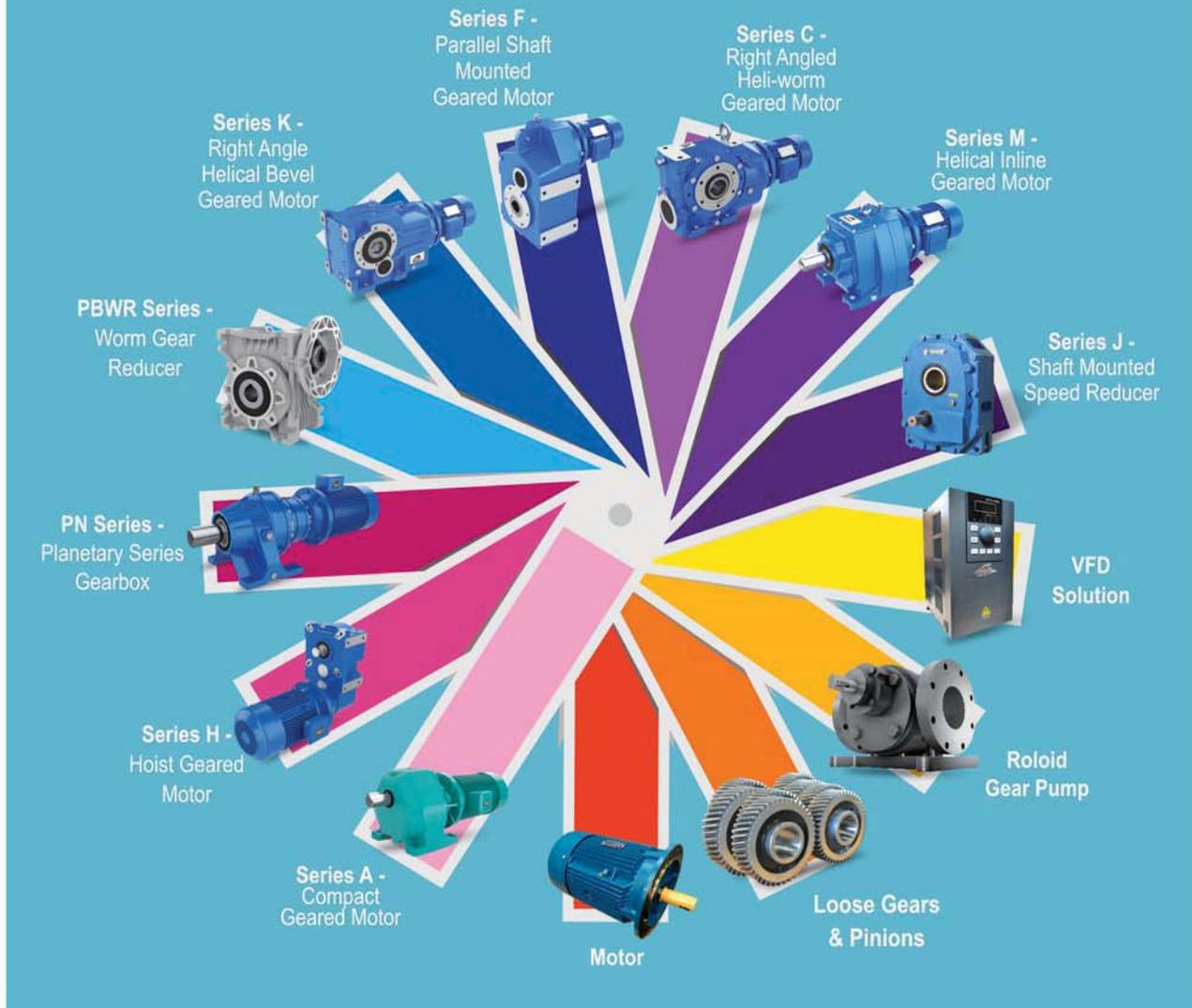
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Mob: 70661 10066 / 70213 31514  
E-mail: thermoheater@yahoo.com

## Hardening Machine for Driveline Parts (Tulips/Tripods)

GH Induction India Pvt Ltd offers Hardening Machine for Driveline Parts (Tulips/Tripods). Features: Fully automatic hardening machine with eddy current checking; Input



conveyor, pick and place transfer, rotary indexing table for the part movement in the hardening stage; Separate hardening stations for mouth and stem; Separate power source for hardening of female tulips at stem location; Automatic orientation of tulip track before hardening; Part transfer to output conveyor for post-hardening evaluation by eddy current tester; RFID reader and writer in the coil, for coil identification and coil life monitoring; Servo controlled XY table for programmable coil setting; The fully automated machine employs: Eight-axis CNC servo package; 400 kW MF generator with 8-12 kHz for hardening of mouth and stem; 100 kW HF generator with 50 kHz for hardening of female stem.

Contact:

**GH Induction India Pvt Ltd**  
12<sup>th</sup> Main Road, SIDCO Industrial Estate  
Thirumudivakkam, Chennai 600 132  
☎ 044 – 2478 1042 / 4398 4747  
E-mail: sales@ghinduction.co.in

## Mini Water Chiller

Advance Cooling Systems Pvt Ltd, an ISO 9001:2015 Company offers Mini Water Chiller for Laser Engraving/Marking Machines. Features: Cooling capacity of 700/1000/1400 watts; Compact footprint; Inbuilt tank and pump; All wetted parts are noncorrosive suitable for Deionized water application; Designed to work up to a maximum ambient of 50°C; and Temperature controller with digital display. The Company's products range includes: Precision Water Chiller, Dual Zone Water Chiller for Laser Cooling applications, Panel Airconditioners, Coolant Chiller, Hydraulic Oil Chiller, Spindle Oil Chiller, Compressed Air Dryer, etc.



Contact:

**Advance Cooling Systems Pvt Ltd**  
R-424, MIDC, TTC Industrial Area  
Rabale, Navi Mumbai 400 701  
☎ 022 – 2764 2588 / 89 • E-mail: sales@advancecooling.com



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## Indo D Series Dry Type Paint Booths

Sri Bhagavathi Industries offers Indo D Series Dry Type Paint Booths, which are durable and easy to maintain. The metallic filters used in these booths arrest over-sprayed



paint and give clean air output to the atmosphere. This Booth can be customised according to customer need ranging from 1 m to 50 m painting area.

Contact:

**Sri Bhagavathi Industries**  
No: 1/49-1E, Kolukku Thottam, Keeranatham  
Coimbatore, Tamil Nadu 641 035  
Mob: 9843054916 / 9786654916  
E-mail: enquiry@sbimachines.com

## Architectural Protective Rubber Guards

Corners, edges, projections, etc. are subjected to impact load due to movements of vehicles and other material handling equipments, because of which cracks and damages are often observed in such locations. Rane Elastomer Processors, an ISO 9001-2015 Company produces all types of Architectural Protective Rubber Guards Line D Fender, DUO Fender, E Fender, Midi Fender, Corner Guards, Loading Bumpers, Wall Bumpers, Speed Breakers, Molded Bumpers, etc. These Guards are available in different sizes, shape and length and also as per customer's requirement; and are used in many areas like, warehouses, Godown, Loading/unloading Bays, Hospitals, Parking Lots, Departmental Stores, etc.



Contact:

**Rane Elastomer Processors**  
Gala No: 26/27, Gr Floor, Agarwal Indl Estate  
S V Road, Dahisar (East), Mumbai 400 068  
☎ 022 - 2848 8241 • Mob: 70218 60056 / 99306 47241  
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## Oxyfuel Bevel Cutting

Messer Cutting Systems offers Oxyfuel Bevel Cutting. Bevel cutting demands exact knowledge of the machine and the cutting processes. Corners, lead-ins and run-outs must be cut with special cycles to achieve the quality required. Bevel cutting makes high demands on the programming. Special additional functions are required to set up the devices for bevel cutting perfectly. At Messer Cutting Systems you will find a large selection of triple torch systems, all perfectly suited for your cutting applications. You can choose between manual and automatic systems. The automatic systems run completely autonomously without any manual intervention. I/K/V/X and Y bevels are possible. Material thicknesses up to 150 mm can be cut vertically, up to 80 mm with bevels. Features: Infinite rotation of the head about its own axis; Interpolation of the angles (Change on the fly) from minimum to maximum angle during cutting; Positive and negative bevel angles in one part possible.



Contact:

**Messer Cutting Systems India Private Limited**  
No: 199/2AB2, 198/2A2A & 198/2A2B, SNMV College Road  
Malumichampatti, Coimbatore, Tamil Nadu 641 050  
☎ 0422 - 672 5501 • E-mail: sales.all@messer-cutting.com

## Seamless Carbon/Alloy/SS Straight Tubes/ Pipes, U-Tubes/Pipes

Patels Airflow Limited's Tube Division manufactures and exports Seamless Carbon/Alloy/SS Straight Tubes/Pipes, U-Tubes/Pipes. Also offers Industrial Centrifugal Fans, Industrial Axial Flow Fans, Dampers, etc. The Company's products find applications in Chemical plants; Food and Beverages; Hydraulic and Pneumatic; Heat Transfer Equipments like Boilers, Chilling plants, General Engineering, Power plants, Heat Exchangers, Condensers, Pharmaceutical machinery, Defence, and Automobile industries.

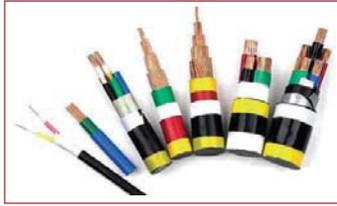
Contact:

**Patels Airflow Limited**  
61 Phase-1, GIDC, Industrial Estate  
Vatva, Ahmedabad, Gujarat 382 445  
☎ 079 - 4020 0800 • E-mail: mktg@steeltubeindia.com

## Control Cables

Empire Cable Industries supplies Control Cables that are used for control circuits in power plants and other similar industrial installations and signaling network of railways, with or without FR/FRLs properties in sizes normally up to

61 cores. Voltage grade is 650/1100 V (U0/U); and provided with ISI marking against IS 1554 (Pt-1). The cables conforming to standard specifications like IS 1554 (Pt-1), BS 6346, IEC



227, etc. Configuration: Multi-core/Multi-pair. Construction: Conductor – solid/stranded, circular annealed, bare/tinned copper wire of 1.5 sq mm, 4.0 sq mm. Insulation is PVC, and fully color coded cores. Core identification by printed numerals/letters is also available on request. Screening by copper braid or aluminium mylar tape of aluminium wire for reinforced armour types. Drain Wire of solid/stranded, bare/tinned copper wire normally provided. Mechanical protection: Galvanized steel wire or strip for double helical steel tape armour; Inner and outer sheath.

Contact:

**Empire Cable Industries (P) Ltd**  
**Plot No: 115, Phase-II**  
**Badli Industrial Area, Delhi 110 042**  
**☎ 011 – 2387 4632**  
**E-mail: empirecables@yahoo.co.in**

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 kjb@diamondscreens.com

ADDRESS: Plot No. 26, R.S No. 336/1, Majagaon, Udyambag, Belgaum - 590 008 Karnataka, India

## High Precision Thickness Gauge ITI-1600

India Tools & Instruments Co offers High Precision Thickness Gauge ITI-1600. Ultrasonic Thickness Gauges are designed to improve safety and ensure reliability of material subject to corrosion or erosion. Corrosion gauges with their dual-element transducers are the primary inspection tool used to measure the remaining walls of components such as pipelines, pressure vessels, storage tanks, and numerous other applications. Precision gauges use single-element transducers to provide the thinnest range and highest degree of accuracy possible. Common applications include metals and a variety of non-metals (i.e. glass, ceramic, plastic, etc.). Specifications – Measuring Range: 0.65 mm - 400 mm (up to 500 mm) (in steel); Sound Velocity: 1000~9999 m/s; Resolution: 0.01 mm / 0.1 mm or 0.001 / 0.01" selectable; Units: mm/inch (selectable); Memory: Up to 2000 Groups (up to 99 Values for each file); Accuracy:  $\pm(0.5\%$  Thickness +0.04 ) mm; Alarm: Preset upper and lower limit; Work Voltage: 3 V (2 AA alkaline batteries); Work mode: Single point and scan; Dimensions: 136 x 72 x 20 mm; Weight: 177 g; Display: 3.5 digit LCD with EL backlight; Continuous working period: 280 hours (with EL backlight off). This instrument is supplied with Main unit, two test probes, Data Cable, Software, Coupling oil, Battery, Operation Manual, Carrying case, and Calibration Certificate Traceable to NPL-Delhi.



Contact:

**India Tools & Instruments Co**  
12/18 Tawa Lane, Off Abdul Rehman Street, Unity House  
1<sup>st</sup> Floor, Office No: 7, P B No: 3264, Mumbai 400 003  
☎ 022 – 2342 8862 • Mob: 98193 45050  
E-mail: [ojus\\_itico@hotmail.com](mailto:ojus_itico@hotmail.com)

## Thermocouples & RTD (Pt100) Sensors

Bheemas Controls supplies Thermocouples & RTD (Pt100) Sensors. Their products range includes: MI (Mineral Insulated) Thermocouple, Thermo Well, Magnetic Float Sensors, Die Head Thermocouple and Pt100 (RTD) Sensors, Contactor, OLR, MCB, MPCB, Photo Electric Sensors, Proximity Sensors, Mica Band Heater and Cross Head Heater, Nozzle Heater, Ceramic Band Heater, Tubular Heaters, High Density Cartridge Heaters, Porcelain Heaters and Elements, Industrial Ovens, etc.

Contact:

**Bheemas Controls**  
55-D, 1<sup>st</sup> Floor, Grey Town, Dr Nanjappa Road, Opp: Church,  
Coimbatore, Tamil Nadu 641 018  
Mob: 94431 29073 / 90420 98267  
E-mail: [bheemascontrols@gmail.com](mailto:bheemascontrols@gmail.com)

## Butterfly Valves

Jayant Engineering & Marketing Pvt Ltd offers Butterfly Valves. Advantages: Butterfly valve is much smaller than other valve designs. The results are saving in materials, less weight, small space requirements, and easy installation and operation. The liner materials used in the construction of Butterfly valve are either Elastomer or TEFLON. Wafer construction provides maximum strength under conditions of pipeline strain. Jayant Valves perform three basic functions of stopping flows, controlling flow and regulating flows and pressure with several advantage functions such as: Tight shut off; Less fluid resistance achieved through smooth flow; Low pressure drop; On-off or throttling applications; Suitable for automation with low operating torque and 90 degree operating angle; Reduced weight and installation space; No flange gasket; Quick fitting and dismantling; Easy replacement and renewable seat. Applications: Power plant, Factory, Petroleum, Steel Works, Ships, Water Treatment, Chemistry, Foods, Mining, Housing, Gas, Leisure Facility, Air Control, Paper making, etc.



Contact:

**Jayant Engineering & Marketing Pvt Ltd**  
Plot No: 2003/2004, Phase II, GIDC Chhatral  
Tal: Kalol, Dist: Gandhinagar, Gujarat 382 729  
☎ 02764 – 234 053 / 232 182  
E-mail: [sales@jayantvalves.com](mailto:sales@jayantvalves.com)

## IFT Fiber Laser Cutting Machine

IndoForeign Technologies manufacturers and exporters of Laser Cutting Machines offers Fiber Laser Cutting Machines. Technical Parameters of Model IFT Fiber Laser Cutting Machine – Laser Power: 1500 W/ 2000W/3000W/6000W; Laser Medium: Solid state CW 1070 nm Fiber Laser; Laser Type: Fiber Laser; Laser Cutting head: Ray tools; Compatible Software: AutoCAD, CorelDraw; Control system: Cypcut/Itech/Raytool; Servo Motor: Fugui/Yaskawa; Compatible Operating Systems: MS Window; Working are: 600 x 600 mm / 600 x 1200 mm; Min Power Consumption: 25 kW; Cooling: Water Cooling.



Contact:

**IndoForeign Technologies**  
Plot No: E-51/32, MIDC Chikalhana, B/h: Metro Hotel  
Chhatrapati Sambhajanagar, Maharashtra 431 001  
Mob: 74993 72965 / 70205 23651  
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## Fastener Handling Slat Conveyors

Anyway Engineering manufactures fastener handling slat conveyor (Hinge Type with side chain). It is a specially designed and state-of-art manufactured conveyor is highly used in Fastener, and Automobile industries. This con-



veyor is also used as Chip conveyor. The company's time proven design in field of Slat Conveyors has achieved them of better designs, efficiency and quality. Features include: High quality slats; rigid construction; Low maintenance; efficient design.

Contact:

**Anyway Engineering**  
Factory No: 3, Sonarpada (Mhatre Pada)  
Near Tempo Naka, Behind W-230, Phase-II  
Dombivli (East), Dist: Thane, Maharashtra 421 204  
Mob: 98214 65799 • E-mail: anywayengg@gmail.com

## Hammer Mills

Vijimech offers Hammer Mills along with many other range of Pulverisers. The range offered is from 3 HP to 50 HP in various models. The Swing Hammers are ideal for material which are non-uniform. The Hammer Mill can grind material from Coarse to Medium fine. Material is fed from the top into the grinding chamber. There are 2 modes of Discharge, one from bottom and other sideway through Blower attached. Dust collector is offered for controlling the material generated while grinding. Vijimech offers Hammer Mill in Commercial Series and Heavy Industrial Series as per customer's application. The Hammer mill is offered in MS and SS both.



Contact:

**Premium Vijimech Pvt Ltd**  
3815 Phase 4, GIDC, Vatva, Ahmedabad, Gujarat 382445  
Mob: 97129 87467 • E-mail: sales@vijimech.com

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## Pillar Mounted Jib Cranes

Tacklers offers Pillar Mounted Jib Cranes. Features: MS Gusset plates/thick base plates giving added rigidity to column; Mast fabricated from pipe/rolled steel sections; Jib arm fabricated from heavy section I-Beam and triangular truss construction/Plate Fabrication; Bearing-double roller self-aligned, thrust roller bearing to take care of horizontal and vertical loading as well as radial thrust; Swivelling through manual chain at the end of Jib arm or Electric (if required); Base plate drilled to take holding down bolts; Available with 180° and 360° swiveling boom. Tackler's products range includes: Single Girder, and Double Girder Overhead Cranes, Goliath/Gantry Cranes, Under Slung Cranes, Electric Wire Rope Hoists, etc.



Contact:

**Tacklers Engineering Pvt Ltd**  
Plot No: 613, Phase-IV, GIDC, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 4032 3330 • Mob: 93287 39901 / 93770 39904  
E-mail: [info@technoind.com](mailto:info@technoind.com)

## Combicut Punching Machine

Techno Crafts offers Punching Machine Combicut. The features are: this plasma machine is a new dimension of productivity, quality, and variety of application, all based on the well accepted FineFocus technology; the exceptional quality of the cutting surfaces is characterized by dross free cuts, the fine tolerance of the cut angle and straightness of cut, as well as smoothness of the cut edge and a positioning tolerance of  $\pm 0.2$  mm; in addition, repeatability is 0.03 mm and is based on the technology of the HiFocus system, which is known world-wide; and its features include: productivity; quality; flexibility. The company is one of the noted traders and importers of a comprehensive range of first- and second hand industrial machinery. In addition to this, the company also provides after sales services, installation services, on site support, operational training, and user manual services.



Contact:

**Techno Crafts**  
Flat No. 302-304, Pakhar Apartment, Karve Road  
Nal Stop, Kothrud, Pune, Maharashtra 411 004  
☎ 020 – 2542 5551 • Mob: 94223 19755  
E-mail: [technocrafts@vsnl.com](mailto:technocrafts@vsnl.com)

## Pressure Transmitters

For high pressure measurement (Gauge and Absolute), PT-H Series Pressure Transmitters, from HARIS, offer combined repeatability and hysteresis errors that are typically below 0.25% of full scale. Long term minimization of these errors is maintained after millions of full scale over-pressure cycles, making electronic set point virtually drift-free. Use of Piezo Resistive Sensors and its mounting provides excellent resistance to most liquids and chemicals. Ruggedness, reliability and resistance to corrosion are enhanced by the stainless steel housing. Available in the pressure range of 0 to 2000 kg/cm<sup>2</sup>, (both gauge and absolute), with an accuracy of +0.25% and operating temperature range of -40 ~ +120°C, PT-H transmitters are best used in variety of applications such as process control, petrochemicals, transmissions, water management, air-conditioning and refrigeration, pneumatic and hydraulic controls, etc. Intrinsically safe models also available on request.



Contact:

**HARIS Sensor Technologies Private Limited**  
 223 Shanti Industrial Estate, Sarojini Naidu Road  
 Mulund (West), Mumbai 400 080  
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## Radicon Powerbuild – Planetary Gearbox

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Contact:

**Power Build Private Limited**  
 Anand-Sojitra Rd, Vallabh Vidyanagar, Anand, Gujarat 388 120  
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Syphons

## Shaft Mounted Speed Reducer (SMSR)

Power Build Pvt Limited, popularly known as PBL, has been in the business of Gearboxes, Geared Motors and other Power Transmission Products since 1972. PBL has been the pioneers in the mechanical Power Transmission industry in medium torque category in India since inception. Shaft mounted speed reducer or SMSR are kind of very simple gearbox used in mechanical power transmission. It is available in the market with limited variety of ratios, and input power will be given through pulley belt arrangement, and hollow shaft gearbox will be mounted directly on solid shaft of machine. Rotation degree of freedom w.r.t. output shaft axis will be fixed through torque Arm. The beauty of the product and when application required different output RPM, it will be achieved by setting up a ratio in pulley arrangement. Radicon Powerbuild is one of the leading manufacturer and supplier of shaft mounted speed reducer.

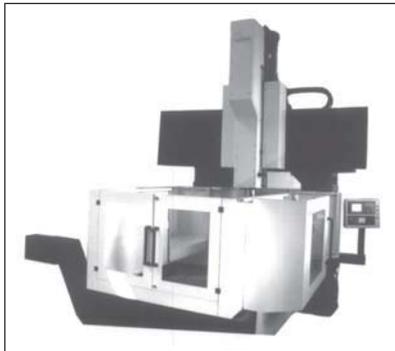


Contact:

**Power Build Private Limited**  
Anand-Sojitra Road, Vallabh Vidyanagar  
Anand, Gujarat 388 120  
☎ 02692 – 231 070, 231 120 • E-mail: [infopbl@powerbuild.in](mailto:infopbl@powerbuild.in)

## CNC Double Column VMC

Jagdeep CNC Vertical Machining Centre (VMC) is used for complex machining operations and production jobs. This VMC is known for reliability and best after sales service and support. Completely designed and developed in-house with high quality parts and components for reliable and consistent operations. Standard Features: AC Servo Spindle Motor with Servo Drive; Spindle (Taiwan); Coolant System; Coolant Gun; Air Gun; Automatic lubrication System; Electricals Panel; Work Light and Tower Light; Fanuc CNC System; Machine Enclosures. Applications: Die Machining; Bolster Plates; Turbine Blade Machining; and Casting. Applications in forging industry. Operations – Facing; Boring/Drilling/Tapping/Threading; Profile Machining; and Milling/Slotting.



Contact:

**Jagdeep Machines (India) Private Limited**  
GT Road, Batala, Punjab 143 505  
☎ 01871 – 242 750 • Mob: 87278 42900 / 98149 21641  
E-mail: [jagdeepmachines@gmail.com](mailto:jagdeepmachines@gmail.com)

## Chemical Process Pump PCPS – Series

Chemical process pump is an important device for handling of hazardous chemicals in industries. Whether conveyance or use in chemical reactions, chemical products need to be handled efficiently and with care in order to avoid any kind of damage or corrosion occurring at the working place. Chemical process pumps of PPI Pumps Pvt Ltd are the absolute solutions for handling of corrosive or hazardous chemicals in pharmaceutical, chemical and process industries. Available in 1 m<sup>3</sup>/hr to 100 m<sup>3</sup>/hr capacities, these are high performance ISO pumps which are compatible for work with different kinds of corrosive liquids. These pumps are available with different kinds of sealing solutions including single mechanical seal for non-corrosive to moderate corrosive liquids; double mechanical seal to handle low flows of abrasive chemicals; bellows seal for handling highly corrosive liquids at extreme temperatures; and cartridge seal for ease of maintenance while handling moderate corrosive liquids. High performance with minimum maintenance and less energy consumption is what PPI chemical process pumps are designed to provide for a much longer period of time for efficiency in industrial processes.



Contact:

**PPI Pumps Pvt Ltd**  
14&16-C, Phase-I, GIDC Estate, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 2583 2274 /3251 6741 Mob: 99040 67775  
E-mail: [sales@ppipumps.com](mailto:sales@ppipumps.com)

## Seat for Butterfly Valve

Arvico Rubber Industries supplies Seat for Butterfly Valves. Sleeves or Seat Rings are blockage units that prevents two parts' leakages. The Butterfly valve sleeves offer exceptional blockage in three possible leakage paths – pipe sealing, flanges, and operating shafts. Even minute differences in the surface or size of these sleeves can lead to a loss of efficiency to the customers. The Butterfly valve sleeves are calibrated precisely, offer exceptionally high pressing actions, and are abrasion-resistance. Size range: 25 mm to 700 mm.

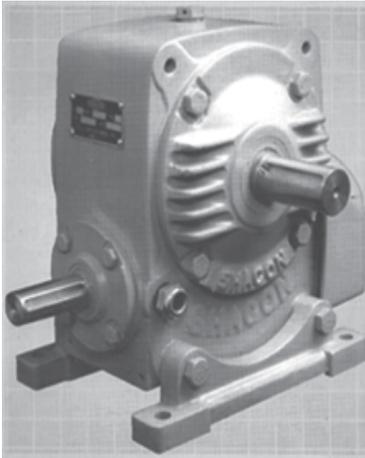


Contact:

**Arvico Rubber Industries**  
104 Shanta Industrial Estate, IB Patel Road  
Goregaon East, Mumbai 400 063  
☎ 022 – 4972 2865 • Mob: 90822 67081  
E-mail: [info@arvicorubber.com](mailto:info@arvicorubber.com)

## Worm Reduction Gear Box

Shacon's worm reduction gear boxes incorporate advanced designs and are manufactured by specialized techniques. Standardised sizes developed facilitate interchangeability of gear boxes and spares. Features: Gear boxes incorporate worm gearing that conforms to National/International standards. Generously sized bearings and shafts sustain external loads and increased life of gear boxes. Box type gear case with ribs used in Shacon gear boxes have proved to be capable of handling heavy duty loads and highly efficient to radiate heat thus increasing power transmitting capacity of the gear box. Worm Shaft: selected steel is used for worm shafts for increased strength and life. Worm wheel: smaller worm wheels are of single piece construction and made out of chilled cast high grade phosphor bronze. Larger size worm wheels are made out of centrifugally cast high grade phosphor bronze rims shrink fitted on CI center and positively secured by special pegs. Finely distributed and refined grains of bronze matrix give high impact strength, reduce friction and subsequent heating and increase life of gearing. Specialized assembly methods used to obtain optimum tooth bearing contacts and proper bearing per-loads for actual conditions of the gear boxes when in service. Output Shaft is made of quality plain carbon steel and precision machined. Gear case is made out of fine quality cast iron. Bearings: Generously sized dual purpose bearings are used to sustain gearing and external shaft loads for longer life. Lubrication: Gear boxes have built-in splash lubrication system.



Contact:

**Shacon Engineering Co**  
14 Veena Dalvai Industrial Estate  
S V Road, Oshiwara, Jogeshwari (W), Mumbai 400 103  
☎ 022 - 2678 1566 • Mob: 98203 54615, 99870 47040  
E-mail: shaconeng@gmail.com

## Pneumatic Cylinders

Features: Siemag Pneumatic Cylinders are available in bore sizes ranging from 12 mm to 300 mm with stroke length ranging from 5 mm to 1000 mm. It is available with multiple mounting options. Its end covers are aluminium die casted upto 150 mm. Also, special 300 mm bore cylinder available in light weight fiber glass barrel.



Contact:

**Siemag Industries, Mumbai 400 063**  
Mob: 77188 75757 • E-mail: info@siemag.net

## Spring Washer

Khanwalkar Industries was established in the year 1975. Khanwalkar industries, an ISO 9001:2015 certified company manufacturing CARBON brand Spring Washer in carbon steel (EN-42B), and in stainless steel (SS-304). These are manufactured on automatic machines within close tolerances and under strict quality control that are applicable to production process. This ensures that components conform to consistent quality and high standards. The company supplies its product CARBON Spring Washers conforming to various Standards like ISS, BSS, DIN, ASA, JIS and also in Stainless Steel (SS-304, SS-316 and SS-202) all over India. Washers conforming to special sizes and Combi sizes are also available. Washers are manufactured in ID size 2.5 mm to 50 mm in natural black and in electroplated coating with blue, golden green finish and with trivalent coating. Besides the spring washers, the Company has diversified into manufacturing of spring washers machines.



Contact:

**Khanwalkar Industries**  
36-C, Sector B, Sanwer Road, Industrial Area  
Indore, Madhya Pradesh 452 015  
☎ 0731 - 272 1527, 404 6226 • Mob: 99935 55087  
E-mail: khanwalkar08@gmail.com

## FASTENER HANDLING SLAT CONVEYORS

Hinge Type with  
Side Chain Slat  
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Magnetic Conveyor ▶



### OTHER PRODUCTS

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## High Quality Fasteners – Reliable, Precision-Engineered Solutions

Panache EST provides a comprehensive range of high-quality fasteners designed to meet the demanding needs of modern manufacturing and assembly. From screws, bolts, studs, and clinch nuts to custom fastening solutions, these products ensure strength, durability, and precision in every application. Whether you operate in electronics, automotive, industrial machinery, or consumer products, Panache fasteners deliver consistent performance and long-term reliability. With trusted sourcing, stringent quality control, and timely delivery, the Company ensures you get the right fastening solutions – every time. Its technical panel will involve in technical review, feasibility study, help and assure about the quality and delivery apt for your design/requirements. Panache EST supplies fasteners made of Steel with surface finishes, Stainless steel 400 Series fasteners and Aluminium.



Contact:

**Panache EST**  
#51/3, Haines Road, Pulikeshinagar, Frazer Town  
Bengaluru, Karnataka 560 005  
Mob: 98451 07886 • E-mail: [info@panacheest.com](mailto:info@panacheest.com)

## Specialty Chemicals

RishiChem Distributors supplies products for plastics, Coating, Ink, Adhesive, Personal Care, Pharma, Food and many other growing industry segments and has evolved as one of the leading distributors of specialty chemicals in the Indian market. Products offered are: Atactic Polypropylene (APP); Acid Scavenger for Polyolefin; Functional Fillers; Flame Retardants – Alumina Trihydrate; Antimony Trioxide; DBDPE, DBDPO; Magnesium Hydroxide; Zinc Borate. Hydrotalcite; Heat Stabilizer for PVC; Heat Retaining Agent for Green House Film; Inner Lining Compounds; MFI Modifier; Melt Rheology Improver; Purging Agent; Polymer Processing Aid (PPA); Polymeric and Speciality Plasticizers; Polycarbonate (PC); Special Nucleator; Syndiotactic Polystyrene; Synergistic Flame Retardant; Styrene Block Co-polymers – SBS, SEBS, SIS, SEPS; Tie Layer Resin; UB Absorber; Waxes – Microcrystalline Waxes; Paraffin Waxes, Polyethylene Waxes. Applications: Compounding – Automotive, Wires and Cables; Inner Liners for CSD Cap Closures; Impact Properties for all Polyolefin and Engg Plastics; Multilayer Film and Barrier Film; MFI Modifier for PP and PE; Oil Gels; PP Clarifier; Recycling of Polymers; Small and Precise Molding; PU Rollers, etc.

Contact:

**RishiChem Distributors Pvt Ltd**  
A-701, Citi Point, Next to Kohinoor Continental  
J B Nagar, Andheri (East), Mumbai 400 059  
☎ 022 – 4040 3200 • E-mail: [info@rishichem.com](mailto:info@rishichem.com)

## Electromagnetic Flow Meters

WIKA Instruments India Pvt is a wholly-owned subsidiary of WIKA Alexander Wiegand SE & Co. KG, Germany, is a global market leader in pressure, temperature and level measurement technology. WIKA Instruments India has established and operates a quality and environment management system according to requirements of international standard (ISO 9001, ISO 14001). Special features: No up-stream or downstream



runs required; Approved for custody transfer (MID MI-001, OIML R49); accurate low flow measurement; Case from stainless steel with ebonite lining. Applications: Water meters; Water and wastewater; District metering; Industrial process liquids, slurries and concrete. Description: Electromagnetic flow meters are based on the Faraday principle, by which a conductor which traverses a magnetic field generates a potential oriented perpendicular to that field. The flow tube is enclosed by two flanges and also by two coils. The magnetic field which is generated by the electric current running through the coils induces a potential difference in the electrodes that is proportional to the flow being measured. Magnetic-inductive flow meters have no moving internal parts and thus have a very low pressure loss. OIML R-49 permits a maximum pressure loss of 630 mbar with a flow velocity of approx. 8 m/s. The model FLC-2300 flow tube has a conical profile, through which the flow is accelerated and the signal to the electrodes is amplified. Due to this special feature, the Model FLC-2300 flow meter has a pressure loss of less than 250 mbar at a velocity of 8 m/s. For flow velocities of less than 1 m/s, the pressure loss is always less than 10 mbar. The conical profile of the flow tube enables a flexible operation in numerous areas of application, since no upstream or downstream runs are required. The maintenance-free measuring instrument is suitable for use in pits, for underground applications and also for permanent immersion under water. Very small flow volumes can be measured precisely and repeatedly, even in difficult applications with solid components in the medium.

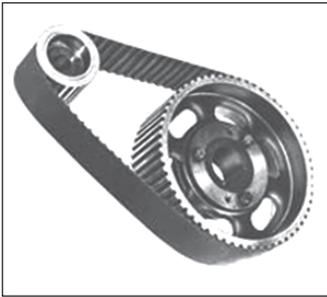
Contact:

**WIKA Instruments India Pvt Ltd**  
Plot No: 40, Gat 94+100 High Cliff Industrial Estate  
Village Kesnand, Wagholi, Pune, Maharashtra 412 207  
☎ 020 – 6629 3200 / 01800-123-101010  
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**February 26 : Cables, Wires, Connectors,  
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## Timing Belt Drives

Kwedos' Timing Belt Drives Systems are especially suitable for application where high efficiencies, constant angular velocity, Synchronization, fixed center, low operating tension and freedom from maintenance are important design parameters. Timing Belt are basically flat belt with a series of evenly spaced on the inside circumstances, there by combining the advantage of the flat belt with the positive grip feature of chain and gears drives. The tension members helically wound



cable is embedded in neoprene or polyurethane which gives enormous strength, excellent flex life and high resistance to elongation. Moulded integrally neoprene tooth are precisely formed and accurately spaced. The tough, wear resistant fabric nylon facing covers the belts wearing surfaces. Advantages are: Timer belt drives are positive grip devices. There is no chordal rise or fall of pitch line, no slippage and no belt creeps. This belt require no lubrication because there is no metal to metal contact and the noise level is low in normal speed range. Small pitch belt can transmit positive motion while operating at high speed. Power capacity of Timer belt drive ranges from sub-fractional to approximately 800 HP. Special functions, Many Timer belts drives are used for functional rather than power transmission application. Because they travel with predictable positive, nonslip, precision, designers have created a variety of devices. As example, angular drive, triangular drive, square drive, deflection drive, multi shaft drive, reversing drive, conveyor belt drive etc. Also tubing cut-off system, fabricating cartons, elevator conveyor for ball bearing, drive track for snow mobile etc.

Contact:

### TRP Kwedos Belt Drives

B-2, Alaukik Flats, Nr: Dwarkesh Tower, Judges Bunglow Rd Bodakdev, Ahmedabad, Gujarat 380 015

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E-mail: sales@kwedos.com

## Double Threaded Self Drilling Screw

Bharat Industrial Supplier offers Double Threaded Self Drilling Screw. These products are ideal for the use in thin metal applications such as roofing, where they can be used to fix cement, asbestos and fiber cladding sheets. They offers high degree of resistance to water, dust and high temperatures, these products are highly demanded by the patrons. Features: Dimensional accuracy; Easy to use; and Corrosion resistant.

Contact:

### Bharat Industrial Supplier

No: 3/2, North Davidson Street, Chennai 600 001

Mob: 72000 58312 / 81480 58312

E-mail: info@bharatindustrialsupplier.com

## Flat Submersible Cables (3-Core)

Empire Cable is India's leading manufacturer of a wide range of electrical PVC insulated wires and cables, which are used by quality conscious electrical contractors and recommended by leading consultants, architects, builders for projects, domestic, industrial and agricultural wiring for trouble free working. These connecting cables are used for submersible pump motors. These cables are manufactured keeping in mind the severe and difficult conditions in which they are required to perform. The individual conductors are made from bright electrolytic grade copper; and drawn, annealed and bunched properly to ensure flexibility and uniform resistance. Each of the 3 copper conductors is insulated with special PVC compound. The cores are laid up in flat parallel position. The outer sheath of the cable is made from a special grade of abrasion resistance PVC compound imperious to water, grease, oil, etc.



Contact:

### Empire Cable Industries Pvt Ltd

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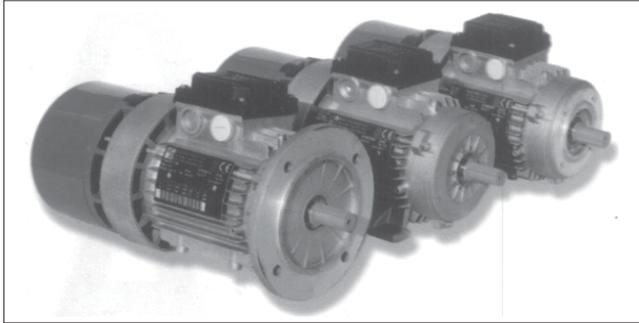
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- CAPACITANCE TYPE LEVEL TRANSMITTERS

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## Brake Motors BA Series

MGM-VARVEL Power Transmission Pvt Ltd supplies Brake Motors BA Series. Features: Brake Motors from 71 to 315 frame size; Totally Enclosed Fan Cooled ITEFC), Continuous Duty; IP 54 enclosure (IP 55 or IP56 on request); F



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Contact:

**MGM-VARVEL Power Transmission Pvt Ltd**  
Ware House No: G3&4, Gr Floor  
Indus Valley's Logistic Park Unit 3, Mei Ayanambakkam  
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☎ 044 – 6462 7008 • E-mail: [info@mgmvarvelindia.com](mailto:info@mgmvarvelindia.com)

## Inductive Proximity Switches

The Teknic Euchner Inductive Proximity Switches are solid-state switching devices that require no physical contact to actuate them. Used for control and positioning signals, they can be connected directly into the conventional or electric control systems. The need for such switching devices has increased in recent times as manufacturing plants, as well as machines in general, have become automated. The combination of high-quality materials and advanced technology in the construction of these switches ensures a very high degree of precision and reliability under the most arduous conditions.



Contact

**Teknic Euchner Electronics Pvt Ltd**  
No: 36, SNS Chambers, 239 Sankey Road  
Bengaluru, Karnataka 560 080  
☎ 080 – 2852 2717 • E-mail: [marketing@teknic-euchner.co.in](mailto:marketing@teknic-euchner.co.in)

## Battery Quality Analysing - Model KM 900

KUSAM-MECO announces the newest addition to their large range of Digital Test and Measuring Instruments. KUSAM-MECO has not introduced the latest technology in Battery Quality Analysing. The Model KM 900 is a single quick testing total Battery Quality Analysis solution. It is a super tool for UPS Battery Field Management. It provides Battery Health Analysis under system loading condition. It can measure and display Impedance, Voltage, Temperature, Current and Capacity of Battery. It is most useful Tool for UPS. Back up Batteries in Industrial System-Telecom Renewal Energy Power Plant (Solar, Water, Wind), Recreational, Machine, Airplane, Military, Electric Vehicle and Battery related Industries (Manufacturing, Servicing of Batteries) of most Batteries including Lead Storage, Cells (Lead-Acid Batteries), Nickel-Cadmium Batteries, Lithium-ion Batteries and Nickel-Metal Hydride Batteries. It has abundant Data logging and accurate Trend Analysis Feature backed by Internal SD Card with storing capacity up to 7.5 million data in Text and Graphic mode. AC (Four-Terminal) method is used to measure the internal resistance by eliminating lead resistance and contact resistance to obtain accurate results. Multiple Display LCD screen shows internal resistance, voltage and temperature or voltage, current and temperature of the battery simultaneously. Its unique comparator function can provide reliable detection of battery deterioration. For current measurements AC and DC clamp adaptors are provided. It has Interface USB Host/Client 2.0. It has large 4" 32+240 pixel. High Resolution Monochrome LCD. The impedance measuring range is 4 mΩ to 4Ω (4 ranges)/1μΩ resolution. The battery range is maximum 100 V/ 1200 Ah (Model KM 900 basis) 3000 Ah (Model KM 900S Version). 6000 Ah (Model KM 900C). The voltage range is 4/40/300 V. It can measure current (DC) 40/400 A and AC Current (Ripple Current) 40/400 A. Temperature measurement is -10°C to 100°C. Only Model KM 900C has Capacity Measurement. The power supply is 7.2 V, 2.7 A NiMH Battery Pack. It can be used with AC Adaptor having output 12 V/1 A. It is Handy size and Weight (Only 1.2 kg). It is supplied with many accessories viz : 4 terminal Battery Test lead (pin type) ; Ni-MH Rechargeable battery pack (Installed), USB PC Interface Package (Program and User Manual in CD, USB Adjustment Bar, ADC Power Adaptor and Internal Charger, Carrying Case with Shoulder Strap. Optional accessories can be provided at extra cost viz 4 Terminal Battery Test lead (Clamp Type); ADC current Adaptor.

Contact :

**Kusam Electrical Industries Ltd.**  
Shop no.18, 1st Floor, CIDCO Shopping Complex  
Plot # 9, Sector-7, Rajiv Gandhi Marg, Sanpada  
Navi Mumbai 400 075  
Mob: 95940 57456, 95940 58456  
E-mail: [sales@kusam-meco.co.in](mailto:sales@kusam-meco.co.in)

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## BMT Tool Disc & Tool Holders

Prominent Autotech offers BMT Tool Disc and Tool Holders, which is robust and versatile tooling system designed for seamless integration into existing lathe structures. Its defining feature lies in its ability to be bolted directly onto the lathe's cross-slide, ensuring a rigid and compact configuration. This design promotes enhanced stability during machining operations, contributing to heightened precision and reduced vibration. The key features of BMT Tool Disc and Holders are: Encompass their modular nature, allowing for quick and efficient tool changes. Active Tool Disc and Holders, coupled with a sturdy clamping mechanism, ensure a secure grip on cutting tools, minimizing the risk of deflection. BMT discs boast an array of tool stations, enabling multiple tools to be mounted simultaneously, thereby accelerating machining processes.



Contact:

**Prominent Autotech**  
310x311/4, 8<sup>th</sup> Cross, 4<sup>th</sup> Phase Peenya Industrial Area  
Nr: NTTF, Bengaluru, Karnataka 560 058  
☎ 080 – 2658 1755 • Mob: 99167 01312  
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## V Spin Ram Type Vertical Turning Center

Askar Micron (P) Ltd, an ISO 9001:2015 Company, and a Total Machining Solutions provider offers a V Spin Ram Type Vertical Turning Center with features like: Small Footprint; High Stability; High Precision; High Productivity; and Ease of operation. Standard Machine: Cast Iron Structure with base, column, cross rail and carriage; Spindle and Gear train with recirculating oil lubrication; 2 Speed gear box; CNC Controller-Fanuc Oi-T/Siemens 828D; Standard coolant system with tank, chip tray and pumps for cutting and bed flushing; Complete splash guard; Machine operator panel with MPG; 3-tier lamp and Machine lamp; Machine mounting pads with levelling screws; Foot switch for chuck clamp/unclamp; Table with manual 4-jaw chuck as specified; Hydraulic power unit; and Air Condition unit for electrical cabinet. Essential Accessories: Voltage stabilizer; Isolation Transformer; Chip Conveyor; and Machine packing.



Contact:

**Askar Microns (P) Ltd**  
Plot No: 293-C, Hebbal Industrial Area  
Mysuru, Karnataka 570 016  
☎ 0821 – 400 6249 / 400 6250  
E-mail: [info@askarmicrons.com](mailto:info@askarmicrons.com)

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Contact:

**Countronics**  
3/1/29, Shahibabad Indl Area, Site-IV, Ghaziabad, U P 201 010  
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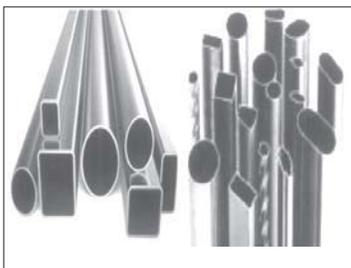
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Growel Corporate, Akurli Road  
Kandivli (East), Mumbai 400 101  
☎ 022 – 6699 3000 • Mob: 80820 48048  
E-mail: [enquiries@growel.com](mailto:enquiries@growel.com)

## Steel Pipes and Tubes

Purva Metal Sections Pvt Ltd (India) manufactures Steel Pipes and Tubes available in HR, BHRPO, CRCA, CRFH, GP and Corten Steel Pipe Grades. The Company is an ISO 9001:2015 Certified Company manufactures High Frequency Induction welded (ERW) Steel Pipes and Tubes of BIS Specifications (ISI Mark): IS 1239: 2004 (Part I) – Black Steel Tubes for use in water, non-hazardous gas, steam and Air Lines; IS 3601: 2006 – Steel Tubes for Mechanical and General Engineering Purposes; IS 9295: 1983 – Steel Tubes for Idlers for Belt Conveyors; IS 3074: 2005 – Steel Tubes for Structural Purposes (CHS); IS 4923: 1997 – Hollow Steel Sections for Structural Use (SHS and RHS). Apart above standards the Company can supply as per International Standards; and as per drawing of customers for special shapes closed sections.



Contact:

**Purva Metal Sections Pvt Ltd (India)**  
#193, 4th Floor, Shiv Sadan, Marathahalli Outer Ring Road  
B Narayanapura, Bengaluru, Karnataka 560 016  
☎ 080 – 7101 1505 (30 Lines) • Mob: 96113 70062  
E-mail: [dslrd@purvamental.com](mailto:dslrd@purvamental.com)

## Photostability Chamber

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Contact:

**Thermolab Scientific Equipments Pvt Ltd**  
Thermolab House, Plot No: 19&20, Vasai Municipal Ind Area  
Umela Road, Vasai (W), Dist: Palghar, Maharashtra 401 207  
☎ 0250 – 232 4866 / 232 1627  
E-mail: [info@thermolabscientific.com](mailto:info@thermolabscientific.com)

## Gas Chromatograph Chrom Plus 3000 Series

Netel (India) Limited offers Gas Liquid Chromatographs for multiple applications. The Gas Chromatograph Chrom Plus 3000 Series features: Flexible configurations; Packed and Capillary columns; Head space and automated gas sampling valves; Micro control based electronics. Netel's products include: HSS-20 Head Space Sampler, Chrom Plus 4000 Series, and 6000 Series. Also offers Gas Chromatography Consumables and Accessories, etc.



Contact:

**Netel (India) Limited**  
W-408 Rabale MIDC, TTC Ind Area, Navi Mumbai 400 071  
Mob: 93247 14680 • E-mail: [sales@netel-india.com](mailto:sales@netel-india.com)

## Auto Drain

Features: Siemag Auto Drain are the most economic & efficient method of discharging unwanted condensate from Compressed Air Systems. Removal of condensate from compressed air systems is a critical maintenance requirement. Failure to carry out regular draining results in serious disruption to production schedules, deterioration in product quality, damage to sensitive pneumatic equipment, etc. The Auto Drain eliminates the risk of human error & a possible costly aftermath by providing regular system drainage. Siemag Auto Drain Valves work with a Micro Processor Based Electronic Circuit. These Auto Drains reliably discharge accumulated fluids from Filters, Air Receivers, Moisture Separators, Inter / After Coolers, Dryers, Pipeline Drains, etc. & other collection points to keep downstream operations free of liquid contaminants.



Contact:

**Siemag Industries, Mumbai 400 063**  
**Mob: 77188 75757 • E-mail: info@siemag.net**

## SMC Panel Tanks

EPP supplies SMC Panel Tanks. Features and Benefits: Maintains water quality for longer periods; Lightweight, strong, and durable panels. Easy to handle and transport; Simple for plumbers and technicians to install using regular tools; Quick and easy to assemble on-site in any size; Completely weather, water, moisture, and rot-resistant; Safe for drinking water, made from FDA-approved materials; Easy to dismantle and move; Size can be easily adjusted – expanded or reduced as needed; Suitable for storing water in any climate, from very cold to very hot; Lasts over 50 years, even in tough conditions; Ideal for water storage and transportation in dry areas; Used for water and wastewater storage in treatment plants; Perfect for water storage in chemical, pharmaceutical, and corrosive environments. Designed External Force (Threshold Level/Safety Factor) – Earthquake: Horizontal seismic intensity  $kHz = 1/3 G$ ; Hydrostatic pressure: Water Level (Height in Meters)  $\times 0.1 \text{ kgf/cm}^2$  (0.01 Mpa); Snow load:  $60 \text{ kg/m}^2$ ; Wind load: Below  $60 \text{ m/sec}$ ; Illumination: Less than 0.1% Water temperature: Cold and hot water is used up to  $50^\circ\text{C}$ .



Contact:

**EPP Composites Pvt Ltd**  
**Plot No: 2646, Kranti Gate, Main Road**  
**GIDC Metoda, Rajkot, Gujarat 360 021**  
**Mob: 90990 72505 • E-mail: businessdevelopment@epp.co.in**

## Slat Conveyor & Roller Conveyor

Anyway Engineering specializes in offering best-in-class Slat Conveyors and Roller conveyors to their valuable patrons. The slat conveyor (*pix, bottom*) is used for assembly line and handling of heavy loads. Customers can further avail conveyor according to their requirements. The company manufactures high quality Roller conveyors (*pix, top*) that are serving many industries. The company's products range includes: Power Driven Roller Conveyors, Gravity Conveyors, Accumulation Roller Conveyors, and Palletizing Roller Conveyors. High Quality Galvanized Rollers and High Tension Chains add to its quality for heavy loaded Conveyors. The conveyors are highly used in liquid filling Lines and Packaging industries.



Contact:

**Anyway Engineering**  
**Factory No: 3, Sonarpada (Mhatre Pada)**  
**Near Tempo Naka, Behind W-230, Phase-II**  
**Dombivli (East), Maharashtra 421 204**  
**Mob: 98214 65799 • E-mail: anywayengg@gmail.com**

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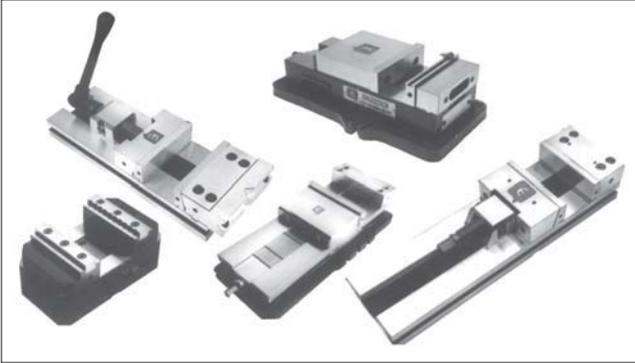
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**HARTING**

**PHOENIX MECANO**

## Engeetech Machines Vises

Engeetech Engineerings offers Machines Vises and Accessories. Incorporated in the year 2010, Engeetech Engineerings is a renowned manufacturer and supplier of Steel



Metals Products. It is one of the leading companies of India involved in the field of Designing, Development and Manufacturing Machine Vises for engineering application. The Engeetech Machine Vise is an essential tool for precision machining, offering robust construction and high accuracy for a variety of milling, drilling, and grinding applications. Designed with professional machinists in mind, this vise features precision-ground surfaces, a high clamping force, and adjustable jaw plates to ensure reliable and versatile work holding. Available in multiple sizes and configurations.

Contact:

**Engeetech Engineerings**  
31-B Sector A, Sanwer Road, Industrial Area  
Indore, Madhya Pradesh 452 015  
Mob: 73140 29366 / 98260 24869  
E-mail: engetechengineerings@gmail.com

## Motors

Nord Drive Systems develops its own Motors and supplies them to all major markets throughout the world. The Company's own developments ensure a high level of independence from external suppliers and therefore provides their customers with the decisive advantage of short and highly dependable delivery times. The motors range are: Energy-saving motors, Switchable pole motors, Single-phase motors, Smooth motors, Explosion protected motors for Gas atmospheres, Explosion protected motors for Dust atmospheres, and IE5+ Synchronous motors.



Contact:

**NORD Drivesystems Pvt Ltd**  
282/2& 283/2, Plot No: 15, Village Mann, Taluk Mulshi  
Adj: Hinjewadi MIDC Phase II, Pune, Maharashtra 411 057  
☎ 020 - 3980 1217 • E-mail: india@nord.com

## Pipe Joint System SS Pipe (SUS Pipe)

Control & Framing Systems (CAFS) Pipe Joint System is an ideal material handling system that is wisely designed for oil industries material handling need. It is smart, dynamic and flexible. It can be made into various types of racks, trolleys, productions cell tables, viewing loads and gravity flow rack.

In fact, the usage of pipe joint system is limitless, add in your idea today. CAFS Stainless Steel Pipe (SUS Pipe Pix bottom) is made with grade austenitic stainless steel, which is non-magnetic and strong corrosion resistance. Scratches on the surface will not lead to corrosion of the steel underneath.



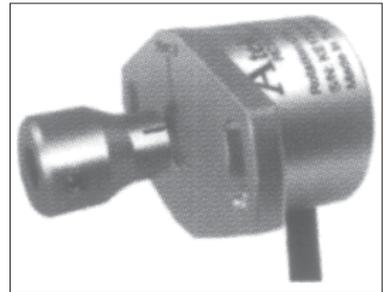
Key features of SS Pipes: Fully Recyclable; Chemical Resistance; Conductive; Could be used in Hot/Cold Environment; Environmental Friendly; Corrosion Resistance; and Wear Resistance. Material: Austenitic Stainless Steel sheet with high nickel and chromium contain; Steel Thickness: 0.7 mm, 1.2 mm; Outer Diameter: 28 mm; Standard Length: 4 meter; Coating material Non-coated; Colour available: Silver.

Contact:

**Control & Framing Systems (Bangalore)**  
Gr & 2<sup>nd</sup> Floor, Layout, Sunkadakatte, Srigandhadakavallu  
Magadi Main Road, Bengaluru, Karnataka 560 091  
☎ 080 - 2977 5169 • Mob: 98865 49598 / 91106 37879  
E-mail: sales@cafssystems.in

## Non-Contact Angle Sensors

Tecnis Automations supplies a range of Non-Contact Angle Sensors. Features: Non-contact measurement; User-selectable angle values between 0-360°; Resistant to harsh environment conditions and vibrations; Analog or CANopen output options; IP54 or IP67 protection class. The RCS 2100: It has 28 mm body diameter; 6 mm magnet hole diameter; 0-5-4.5 V Ratio metric, 0-10 V, 0.5 V, 4-20 mA output; 12 bit resolution and mechanically unlimited operating speed; IP 67 protection class.



Contact:

**Tecnis Automations**  
23/16 Third Floor, 1<sup>st</sup> Avenue Sundar Nagar  
Ekkatuthangal, Chennai 600 032  
☎ 044 - 2250 0552 / 2225 1931  
E-mail: salestecniautomations.com

## New Portable Digital Hardness Tester, Model ITI-160 (BMI)

India Tools & Instruments Co offers a new Portable Digital Hardness Tester, Model ITI-160 (BMI) with Bar Graph /Multiple Hardness/Impact Curve Display Mode. Hardness systems: Leeb (HL), Brinell (HB), Rockwell A (HRA), Rockwell B (HRB), Rockwell C (HRC), Vickers (HV), and Shore (HS); Measuring range HLD (170~960), HRA (59~85), HRB (13~100), HRC (18~68), HB (19~655), HV (80~976), HS (32~100); Accuracy:  $\pm 5$  HLD ( 0.63% at 800 HLD); Measuring direction 360° (vertically downward, obliquely downward, horizontally, obliquely upward, vertically upward); Measuring materials: steel and cast steel, alloy tool steel, stainless steel, gray cast iron, ductile iron, cast aluminum alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper and forged steel; 320 x 240 TFT LCD screen Colour Display; Data storage 510 files, 46 to 215 groups (impact times 32 to 1) Communication interface standards USB2.0 (RS232, RS485); Charging power supply 5 V DC 220 V AC; Charging time 2-3 hours; Battery 7.4 V Li 2000 mAh; Ambient temperature 0-40; Storage temperature -25 70; The continuous working time is about 20 hours, and the standby time is 80 hours; Standard: ASTM A956, DIN 50156-1, GB/T-17294. Functional Features: Multiple language switching between Simplified/Traditional English, and German, with menu based operation; Adopt a proprietary dual bin dust-proof design to ensure that the main engine bin is not affected by dust; Type-c USB and RS485 communication interfaces can easily connect PCs, industrial control computers, or PLCs; The main interface displays two hardness scales. There are three modes switching on the main interface (histogram mode, full hardness mode, and curve mode). The production batch number setting function allows for self-numbering of measured work pieces, facilitating statistical recording. Browse for any hardness scale conversion of status measurement data, which is convenient and fast. It can be equipped with 7 different impact devices, which do not require recalibration during replacement and can automatically identify the type of impact device. Built-in domestic and foreign hardness conversion tables to meet the different needs of customers. It can store 510 files, with 46 to 215 groups of single measurement values, average values, measurement dates, impact directions, times, materials, hardness system, and other information for each file (32 to 1 impact times).

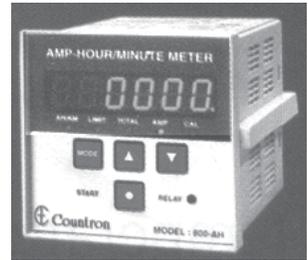


Contact:

**India Tools & Instruments Co.**  
 12/18 Tawa Lane, Unity House, 1st Floor  
 Off Abdul Rehman Street, P B No: 3264, Mumbai 400 003  
 ☎ 022 - 2342 8862 • Mob: 98193 45050  
 E-mail: [ojus\\_itico@hotmail.com](mailto:ojus_itico@hotmail.com) / Visit: [indiatool.net](http://indiatool.net)

## Programmable Ampere-Hour Meter

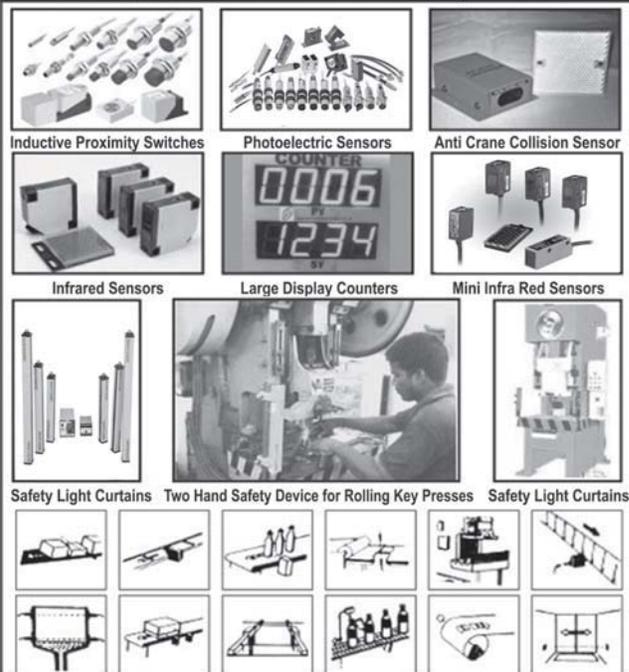
Countronics, an ISO 9001: 2000 certified company, offers Model 800AH Ampere-hour Meter, which is a micro-controller based precision product designed to integrate and display DC current flowing with respect to time. It becomes a measure of the total current energy. A preset limit of this integrated current can be pre-programmed and when the limit is reached, a relay is switched On to trigger an alarm. For different ranges, the shunt resistance is user programmable up to 9999 A at 75 mV. In addition, an internal limit of 10.5 V is preset so that a 12 V battery can be tested for its A-H. As soon as the 12 V battery discharges to a voltage below 10.5 V the Amp-hour Meter stops automatically. It can be used for Amp-Min also. This instrument reads current and integrated current up to 999999 A. Resolution of 0.1 A-H and 0.1 A-Min is also available. The 96 x 96 mm light weight ABS cabinet with front panel membrane switches and bright 7-segment LED displays makes it attractive and rugged.



Contact:

**Countronics**  
 3/1/29 Sahibabad Indl Area, Site-IV, Ghaziabad, U P 201 010  
 Mob: 098105 36887 / 098183 50088  
 E-mail: [countronindia@gmail.com](mailto:countronindia@gmail.com)

## SENSORS, SAFETY LIGHT CURTAIN, COUNTERS



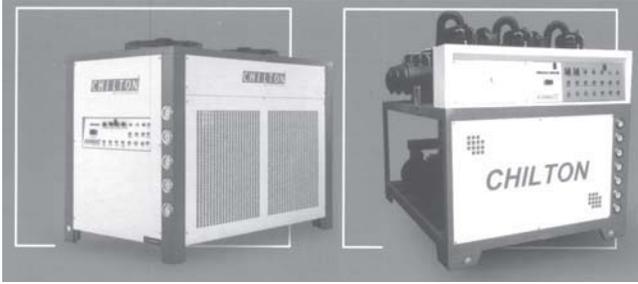
### Photon Controls (India) Pvt. Ltd

Plot No.C 10/1, Gala No.54, NICE INDL. ESTATE,  
 Ladies Proj. MIDC, Satpur, Nashik - 422 007.  
 Telefax: (0253) 2355498, 2352760 • Mob: 093739 07348  
 E-mail: [marketing@photoncontrols.com](mailto:marketing@photoncontrols.com) / [mukund@photoncontrols.com](mailto:mukund@photoncontrols.com)  
 Website: [www.photoncontrols.com](http://www.photoncontrols.com)



## Heavy-Duty Industrial Process Chillers

Chilton Refrigeration (P) Ltd supplies Heavy-Duty Industrial Process Chillers. The Chilton Air Cooled & Water Cooled Chillers are used in Industries like: Wood – Ply-



wood/MDF, and Laminates. Coir: Carpet manufacturing. Rubber: Footwear, Tyre, Conveyor Belts, and Gloves. Chemical – Solvents, Anodizing, Battery, CED, Dye, Ink, Soap, Electroplating, Mattress. Plastic – Blister PP, Blown Film, Blow Moulding, Box strapping, Pipe Extrusion, Injection Moulding, Lamination, Non-Woven, Woven Sack, Pet Blow, Pre Form, PVC Door/Window Profile, Corrugated Sheet, Stretch Film, Ropes, Granules. Pharma – Active Pharmaceutical Ingredient, Cosmetics, Blisters Packing. Marine – Hatcheries. Food and Beverage – Soda manufacturing, Cola manufacturing, Mineral Water, Dairy, Bread, Extraction, Glazing Process, Chocolate, Edible Oil, Ice Cream, Flakes. Advantages of Chilton Chillers are: Saves 15% Electricity; Increases Efficiency by 20%; Durability 20% higher than conventional; Built to withstand ambient temperature up to 52°C.

Contact:

**Chilton Refrigeration (P) Ltd**  
6/78E, IDA, Binanipuram, Edayar  
Aluva, Ernakulam, Kerala 683 502  
Mob: 79944 43021 • E-mail: [chiltonmktg@chiltonindia.com](mailto:chiltonmktg@chiltonindia.com)

## PF Series Fixed Pump

HTM Hydraulics offers a wide range of PF Series Fixed Pumps for high pressure applications and extreme conditions, including dirty environments, extreme temperatures, and long and difficult duty cycles. Features: Compatible with various water-based, phosphate ester, and MIL-SPEC fluids makes these pumps ideal for testing aerospace components; one split-flow pump can supply independent flows from up to ten separate outlets. Output flow range: 0.5 lpm -110.5 lpm; max pressure up to 1380 bar.



Contact:

**HTM Hydraulics Pvt Ltd**  
Plot No: 1, 1st Floor, 3rd Cross Road, ITI Industrial Estate  
Mahadevapura, Bengaluru, Karnataka 560 048  
☎ 080 – 4157 2101 • Mob: 97411 65877  
E-mail: [info@htmhydraulics.co.in](mailto:info@htmhydraulics.co.in)

## Welded Type Cylinders

Fluidics Engineers Pvt Ltd offers Welded Type Cylinders. They are rugged and reliable cylinders due to their welded design and threaded cap. This type of cylinders are usually had a narrow body and often a shorter overall length and can be offered with long strokes. Specifications – Rated Pressure: 210 kg/cm<sup>2</sup>; Cylinder Bore Diameter up to 400 mm; Strokes up to 5000 mm; Temperature range: -20°C to 90°C (Optional sealing systems for temperatures up to 180°C).



Contact:

**Fluidics Engineers Pvt. Ltd**  
468 Ponnaiyan Street, Crosscut Road, Gandhipuram  
Coimbatore, Tamil Nadu 641 012  
Telefax: 0422 – 223 6914, 223 2920  
E-mail: [fluidics@fluidsmith.com](mailto:fluidics@fluidsmith.com)

## Smart Minimaster Linear Horizontal Turning Center

LMW offers Smart Minimaster Linear Horizontal Turning Center. Highlights of this machine: FG300 grade casting for tensile strength; Box Type structure for better chip and coolant management; Slant bed design for maximum cutting force; Ergonomic sell cover design; Integral bed with coolant tank to increase thermal stability; Rear chip disposal arrangement; and Compact Foot print. LMW is a long-standing capital goods manufacturer with expertise in diversified verticals like textile machinery, CNC machines, foundry and castings and aerospace components and composites. Textile machinery division is the first in the LMW business line with six decades of market presence. Machine Tools Division produces and exports CNC machining centers globally on par in performance. Foundry Division of LMW can handle a wide range of tonnage that serves niche customers. Advanced Technological Center manufactures Aerospace components and systems. LMW has an inclusive environment that operates from various parts of the globe. The brand has established itself with an identity for unsurpassed quality of products. Since its inception LMW has been the first choice for premiere brands in industries like Automobile, Indian Railways, Compressors and Pumps, Industrial Machinery, etc.



Contact:

**LMW Limited, Machine Tool Div**  
Arasur, Coimbatore, Tamil Nadu 641 407  
☎ 0422 – 719 1300 • E-mail: [info@lmw.co.in](mailto:info@lmw.co.in)

## Goliath Cranes

Eddycranes Engineers manufactures ELMECH make single girder as well as double girder Goliath cranes conforming to IS: 807-1976, IS: 3177-1977, IS: 3938-1983 and IS: 4137-1963 where ever applicable. The Goliath cranes are manufactured up to 150 tonnes capacity and for 40 m span. Each ELMECH Goliath crane is built to suit specific dimensional clearance and technical requirement of the customer. The box type girder construction ensures more torsional rigidity and strength. The Grabbing crane is designed to suite indoor or outdoor location and can also be supplied with Grab buckets, electro magnets. The Goliath cranes are designed to run on forged steel wheels running in L-type housing having antifriction roller bearings. The hoisting machinery consist of square cage/slipping motor, totally enclosed oil lubricated spur/helical gear box, thrustor brakes, geared coupling, rope drum, etc. ELMECH Goliath cranes are suitable for control from floor by means of pendant controller or from driver's cabin by means of master controllers or through radio remote control. The Goliath cranes can also be supplied with cantilever arms to lift over hanging material. ELMECH Goliath cranes are supplied in Cement plants, Thermal and Hydel Power stations, Granite industry, and general engineering industries, etc.



Contact:

**Eddycranes Engineers (P) Ltd**  
3/23 Tardeo A/C Market, Tardeo, Mumbai 400 034  
☎ 022 – 2352 2710 / 2352 5103  
E-mail: [info@eddycranes.com](mailto:info@eddycranes.com)

## NSA Non-Ferrous Plate Saw Machine

NSA Engineering Solutions offers Non-Ferrous Plate Saw Machine. Its Features: Advanced control for easy operation; Variable feed speed options; Automatic dust suction system; Servo controlled feed rate; Easy parameters setting with guide; Servo controlled material indexing; LED work light; Automatic lubrication System; Micro-mist coolant. Technical Parameters – Machine Type NSA CD-3200PA; Main motor power: 15 kW; Main motor speed: 3500 rpm; Saw blade size: dia 350 x 30 x 100 T; Cutting profile width: 3000 mm; Cutting profile height: 200 mm; Rated Voltage: 415 V/50 Hz; Rated Air Pressure: 0.6-0.8 Mpa; Machine dimension: (L x W x H): 3740 x 5040 x 1770 mm; Single feeding stroke: 2000 mm. Accessories: Two roller stands, Two n long two saw blades, and a Tools kit.

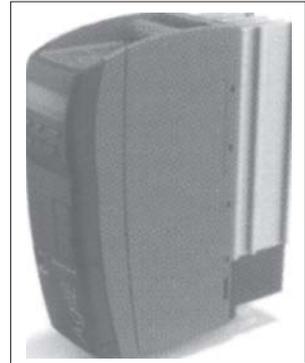


Contact:

**NSA Engineering Solutions**  
221-R, Model Town, Sonipet, Haryana 131 001  
Mob: 93066 26337 • E-mail: [info@nsaengineering.com](mailto:info@nsaengineering.com)

## Agile Series Inverters

The Agile Series of inverters by Bonfiglioli sets new standards in technology for a broad range of users. Agile inverters are particularly suited for the food & beverage, textile, wood, packaging and ceramic industries, where they can be used in a variety of medium complexity automation processes. Key features: Series optionally extendable for field bus communication; Sensorless control of synchronous and asynchronous motors; Modbus and System bus on-board; DC link connection; Integrated brake chopper; Power failure control; Programmable PI Controller; Integrated VPLC; Master/slave function with electronic gear; Integrated safe torque off STO (SIL 2/ PL d) function; Energy Saving function; Intelligent current limits; Output frequency 0..599 Hz, higher frequencies on request; Diagnosis and setup via integrated keypad and integrated Service interface for PC connection;



Contact:

**Bonfiglioli Transmissions Limited**  
Survey No. 528/1, Perambakkam High Road, Mannur Village  
Sriperumbudur Taluk, Chennai 602 105  
☎ 84484 48649 • E-mail: [salesindia.ins@bonfiglioli.com](mailto:salesindia.ins@bonfiglioli.com)

## Gear Boxes & Geared Motors



**Manufacturers of**  
Worm Gear Boxes, Lift Duty Gear Boxes  
Special Gear Boxes & Geared Motors



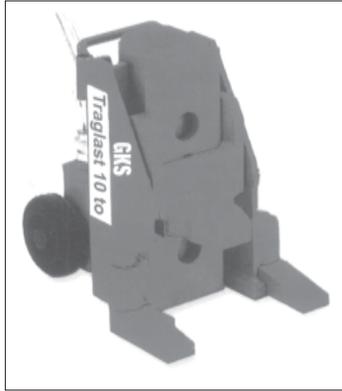
**SHACON ENGINEERING COMPANY**

14, Veena Dalvai Industrial Estate, S V Road  
Oshiwara, Jogeshwari (W), Mumbai 400 103  
Tel: 022 2678 1566 • Mob: 98203 54615, 99870 47040  
E-mail: [shaconeng@gmail.com](mailto:shaconeng@gmail.com)

## GKS Hydraulic Low Toe Jacks

GKS Engineering Private Limited offers GKS Hydraulic Low Toe Jacks that are suitable for use outdoors. All major internal mechanical parts are manufactured from corrosion resisting materials.

Features: Improved wheels on all models – Wheels with solid rubber tires move more easily and last longer. Safety comes first: Built-in safety valve prevents the jack from over load during correct operation. Practical in use: Extremely low toe height from 20 mm. For your safety: Positive peg location secures the toe to increase safety and simplify usage. They stand with both feet firmly on the ground: Swivelling feet allow adjustment for use in confined spaces. They support the jack firmly to prevent tipping and slipping. Easy to handle: Thanks to the easy-grip telescopic handle all models can be tipped back onto the transport handles for easy movement.



Contact:

**GKS Engineering Private Limited**  
C-4 SIDCO Indl Estate, Coimbatore, Tamil Nadu 641 021  
☎ 0422 – 267 2979 • Mob: 99421 32979  
E-mail: [info@gks-india.com](mailto:info@gks-india.com)

## Screen Changers & Water Ring Pelletizer

Matruchaya Industries manufactures and supplies Screen Changers, which are widely used in almost all kind of plas-



tic processing plants for filtering plastic melt material precisely. The Company has developed manual as well as Hydraulic Operated Screen Changers with super quality



alloy steel tested material and suit to 40 to 400 kg/hr material output, 300 kg/cm<sup>2</sup> pressure and 300°C temperature, which is very competent in the market. The Screen Changers are suitable to plastic applications like Filler, Master batch, Reprocess granules (Dana), Film, Sheet, *Sutli*, Lamination and others.

Contact:

**Matruchaya Industries**  
25-26/3 Old Nilsin Compound, Nr: AMCO Bank, Station Road Phase-1, GIDC Vatva, Ahmedabad, Gujarat 382 445  
☎ 079 – 4004 7101 • Mob: 98258 877102  
E-mail: [neerav\\_adhvaryu@yahoo.co.in](mailto:neerav_adhvaryu@yahoo.co.in)

## Cutting, Facing & Chamfering Machine, ITL-CFC50

ITL offers Cutting, Facing, and Chamfering Machine, ITL-CFC50. Features: This machine performs cutting, facing and chamfering both in ID and OD in single setting; Very high production rate as saving material handling time; Production rate of 450-600 pcs/hr can be achieved; Both chamfering heads feed motions operated through servo motor and ball screw; Pipe indexing shall be through servo motor and ball screw; Specially designed cartage type facing and chamfering tool and tool holder; The Cutter feed motion is controlled by Ball Screw and Servo Motor; The saw speed is controlled by AC Frequency Drive depending upon the application and cutter details, automatically through PLC. Cutting Capacity (Min): Min. OD 16 x ID 10 mm; Cutting Capacity (Max): Max.OD 50 x ID 48 mm. The machine is equipped with Micro Mist Cooling arrangement as Standard Supply; Collet clamping positions indexing through servo motor and ball screw. Bigger Model CFC-75 and CFC-100 also available.



Contact:

**ITL Industries Limited**  
111 Sector-B, Sanwer Road Industrial Area  
Indore, Madhya Pradesh 452 015, Bharat (India)  
☎ 0731 – 710 4400 • Sales: 0731 – 710 4412, 710 4416  
E-mail: [info@itl.co.in/marketing@itl.co.in](mailto:info@itl.co.in/marketing@itl.co.in)

## Aero Systems

Aequus offers Aero Systems. The features are: it is precision systems machining facilities equipped with state of the art (e.g. 1, 2, 3, 4, 5 axis) CNC machines for machining of steel, titanium and aluminum complex actuation parts out of solid bars and thin walled castings; CNC milling machines are capable of multi-axis machining with high feed rates and spindle speeds up to 25,000 RPM; components to stringent geometrical and dimensional specifications (down to .0005 inch); facilities equipped with Helicoil, bush assembly, jig grinding and lapping with inspection capability using CMM and a wide variety of calibrated gauges; these products meet the highest quality standards with gold standard delivery and quality performance. Aequus specializes in forging and heat treatment, precision machining, sheet metal fabrication, surface treatment and structural assemblies for aerospace and allied industries.



Contact:

**Aequus Private Limited**  
437/A, Hattargi Village, Hukkeri Taluk  
Belagavi, Karnataka 591 243  
☎ 0831 – 3090 000 • E-mail: [businessdevelopment@aequs.com](mailto:businessdevelopment@aequs.com)

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Oil / Gas / Dual Fuel Burners / Biogas / Syngas / Hydrogen & Special Fuel Burners.

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- Maxothermie® - 600 : Temp Range: -10°C to 320°C;
- Maxothermie® - HHF: Flushing Fluid
- Maxothermie® - FP : Temp Range: -10°C to 320°C
- Maxothermie® - 660 : Temp Range: -7°C to 350°C
- Maxothermie® - VPI : Temp Range: -12°C to 400°C



**NIRMAL ENERGY LIMITED** (An ISO 9001-2015 Certified Company)

**Corporate Office:** 402, ISCON Elegance, Nr. Jain Temple, Prahladnagar Cross Roads, S.G. Highway, Ahmedabad 380 015, Gujarat • **Tel: 079-6616 8944** • **Telefax: 079-6616 8945**

E-mail: [info@nirmalenergy.com](mailto:info@nirmalenergy.com) / [salesadmin@nirmalenergy.com](mailto:salesadmin@nirmalenergy.com) / [burnersales@nirmalenergy.com](mailto:burnersales@nirmalenergy.com)

**Website: [www.nirmalenergy.com](http://www.nirmalenergy.com)**

**Services & Projects Support Office: NIRMAL ENERGY LIMITED / NIRMALENERGY ENCON SERVICES**

C/U/14-16, Swetang Complex, Jodhpur Village Road, Satellite, Ahmedabad 380 015, Gujarat

**Tel: 079-2692 3170 / 2692 2315** • **Fax: 079-2692 3469** • **Mobile: 99879 14903 / 98258 04925**

E-mail: [info@nirmalenergy.com](mailto:info@nirmalenergy.com) / [nirmalenergy@nirmalenergy.com](mailto:nirmalenergy@nirmalenergy.com) / [service@nirmalenergy.com](mailto:service@nirmalenergy.com)

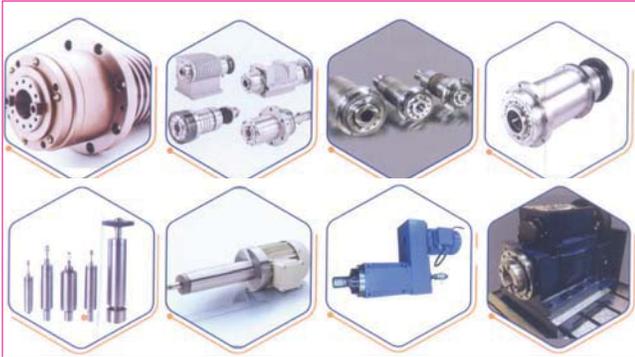
**AHMEDABAD:** Mr. Shankar Pillai / Mr. Arvind Modgil - Cell No. 99789 84504 / 98258 04923; **BANGALORE:** Mr. Arvind Modgil / Mr. Shankar Pillai - Cell No. 99258 04923 / 98789 84504; **CHENNAI:** Mr. Arvind Modgil / Mr. Shankar Pillai - Cell No. 99258 04923 / 98789 84504; **DELHI:** Mr. Arvind Modgil - Cell No. 98258 04923; **HYDERABAD:** Mr. Chaitanya Lakkaraju / Nirmal Madhusoodanan - 94408 10646 / 97121 49505; **INDORE:** Mr. Arvind Modgil / Nirav Patel - Cell No. 98258 04923 / 98258 04925; **KOLKATA:** Mr. Krishnendu Ghosh / Mr. Arvind Modgil - Cell No. 94330 18350 / 98258 04923; **MUMBAI:** Mr. Arvind Modgil / Mr. Rajiv Mishra - Cell No. 99258 04923 / 99789 84501; **PUNE:** Mr. Abhijit Bhoskar - Cell No. 70301 10839 / 99789 84504



**Dealership Enquiries are Solicited From Unrepresented Areas**

## Machine Tool Spindles

SRS Technologies designs and manufactures all types of Spindles and Accessories, and specialize in Reconditioning and Servicing of various spindles and ball screws. The products range includes: Precision machine tool spindles,



Hydraulic tail stock, Rotary Cylinders, Split Collects for machining Center and Ball Screw support Cartridges, VMC Spindle, Spindle Assembly, Turning Centre Spindle, A2-11 Spindle, Grinding Spindle, VTL Attachment Grinding Spindle, Spindle Head Unit, Boring Spindle, BT-40 Inbuilt Cyl-



inder Spindle, HSK Spindle, Spindle Thread Grinding, Run out Correction of VMC/HMC Unit Assembly, etc., according to its Standard Designs and also do as per customer design and requirement. SRS is having a team of specialists in designing, manufacturing, QC and assembly; Special Equipments to Test Run the Spindles and all types of measuring Instruments Required.

Contact:

### SRS Technologies

No: 67, 12th 'A' Cross, Opp: Rajagopal Nagar, Nr: Police Stn 4th Phase, Peenya Indl Area, Bengaluru, Karnataka 560 058  
Mob: 94483 68673 / 96114 77779  
E-mail: nateshsrstech@gmail.com

## Cable Glands and Electrical Wiring Accessories

HMI Cable manufactures Brass Cable Glands and Electrical Wiring Accessories. The products range are: Brass Gland – IP68 for Flexible Cable; PVC Shroud; Brass Earth Tag; Marine Gland; Alco Brass Cable Gland Indoor; etc.

Contact:

### HMI Cable Gland

408/1 GIDC Shanker Tekri, Jamnagar, Gujarat 361 004  
☎ 0288 – 256 1546 / 256 3772 • Mob: 99252 42441  
E-mail: manishhirpara437@gmail.com

Visit us at: [www.ips.co.in](http://www.ips.co.in)

## Airless Tumblast Shot Blasting Machine

Synco Industries Ltd offers Airless Tumblast Shot Blasting Machine, which is used for bigger batch cleaning. The parts are continuously tumbled during the blasting process for complete cleaning.

Synco develops customized solutions for specific batch size, automatic loading/unloading of parts and abrasive separation for online superior performance. Applications: Blasting of De-Sanding and De-Scaling of castings; Blasting of Forgings and heat treated parts; Shot peening. Benefits: Option of auto door opening and closing; Direct exposure to complete external area of surfaces; Option of automatic loading and unloading.

Standard Models – Description: 20" x 27" – Flow rate of wheel: 4200 kg/hr; Barrel size: dia 505 x 685 mm (width); Belt Capacity: 150 kg; Blast wheel: 7.5 HP; Belt RPM: 6 to 8; Type of dust collector: Fabric bag/ Cartridge Filter; Dust Collector Capacity: 1200 cfm; Total Power Requirement: 12.5 HP; Initial Charge of Abrasive: 250 kg. Customized variant with VFD/PLC can be provided.



Contact:

### Synco Industries Ltd

16-A (III), Heavy Industrial Area, Jodhpur, Rajasthan 343 003  
Mob: 98294 22258 / 94133 29142 • E-mail: [synco@synco.co.in](mailto:synco@synco.co.in)

## Flex Turn NEO Turn Mill

The Gedee Weiler Flex Turn Neo TM (Turn-Mill) is a versatile, high-precision CNC lathe is designed for complex small-to-medium part manufacturing with turning, milling, drilling, and tapping capabilities in one setup, offering high productivity through features like live tools and gantry systems for automated loading, ideal for auto, aerospace, and surgical industries. Gedee Weiler - A Machine Tool Company with a Legacy of more than 50 Years in manufacturing, machines with a very high class of reliability, accuracy and affordability. The Company is one of the largest Exporter of High Precision Lathes to Germany for last many years.



Contact:

### Gedee Weiler Private Limited

Vellalore Road, Podanur PO, Coimbatore, Tamil Nadu 641 023  
☎ 0422 – 241 3908 / 241 3804 • E-mail: [sales@gdweiler.com](mailto:sales@gdweiler.com)

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Mobile: +91 - 9819802535 / 9549547355 | email: sales@inventumindia.com | website:www.inventumindia.com

## Galaxy Series: The Revolutionary Welding System

Mehta Hitech Industries Limited (formerly known as Mehta Cad Cam Systems Pvt Ltd) offers Galaxy Series: The Revolutionary Welding System. As you all know welding is the most important and integral part of metal forming industries and fiber laser technology has made revolution about how welding is done. Fiber laser technology is becoming popular in India as well as throughout the world because of its advantages like absolutely trouble and maintenance free machine, long life fiber laser source, no special skills requirement to operate, anyone can do welding with Mehta's fiber laser gun. Mehta's Galaxy Hand Held Fiber Laser Welding machine is available in three models, with 1.5 kW, 2 kW and 3 kW power supply. (Refer the table below for three models, their power supply and their different thickness welding capacities). Another major ad-



| MODEL  | THICKNESS    |             |            |
|--------|--------------|-------------|------------|
|        | SS           | MS          | ALUMINIUM  |
| 1.5 kW | Up-to 4 mm   | Up-to 4 mm  | Up-to 3 mm |
| 2kW    | Up-to 5-6 mm | Up-to 5-6mm | Up-to 4 mm |
| 3 kW   | Up-to 8 mm   | Up-to 8 mm  | Up-to 6 mm |

vantage of Mehta's Galaxy Fiber Laser welding system is that it saves up to 2 to 10 times of your time than any other

## Particle Sensors

Toshniwal Sensing offers Particle Sensors IAQ (Indoor air Quality) at a glance. Based on the light scattering method, Particle sensor to detect airborne particles in a room. It is sensitive to dust, particles and cigarette smoke, which can trigger many allergic symptoms. The highly advanced sensor developed for industrial applications such as clean rooms, finishing operations and painting. Air-borne particles as small as 0.5 micron can be detected. The monitor has an easy to read display and alarm features along with Ethernet capabilities.



Contact:

**Toshniwal Sensing Devices Pvt Ltd**  
E-19/20 Indl Est, Makhupura, Ajmer, Rajasthan 305 002  
☎ 0145 – 269 5536 • Mob: 95718 97879 •E-mail: info@tsdpl.com

conventional MIG and TIG welding. The process of grinding for removing excess material in conventional methods can be completely eliminated by this fiber laser hand held welding system resulting in saving of manpower, time, and money every time giving most aesthetic look to the welded item. Welding on aluminium or welding on a metal as thin as 0.5 mm or welding dissimilar materials was always a headache, but welding with Mehta's Galaxy Series Hand Held Welding system it is no more an issue. Moreover, the traditional systems of MIG or TIG welding are hazardous to health which is not the case with this technology. Mehta's Galaxy hand held fiber laser welding machine is not just easy to use but is also very affordable making it easier for industries to shift to this new and better technology. Mehta's Galaxy Hand Held Fiber Laser Welding machine is not just easy to use but is also very affordable making it easier for industries to shift to this new and better technology.



(For demonstration and more information, call Mehta's product expert Mr Rohit on 72290 93988 or e-mail him at [mktg@mehtaindia.com](mailto:mktg@mehtaindia.com))

Contact:

**Mehta Hitech Industries Ltd**  
(Formerly known as Mehta CAD CAM Systems Pvt Ltd)  
Plot No: 3, Road No: 1, Kathwada GIDC  
SP Ring Road Ahmedabad, Gujarat 382 430  
☎ 079 – 2684 0551 / 2684 0552 / 2684 0553  
E-mail: [mktg@mehtaindia.com](mailto:mktg@mehtaindia.com)

## Digital Pressure Gauges + Transmitter

Arbuda Instruments offers Digital Pressure Gauges + Transmitter. Features: Nominal size: 63 and 100 mm; Accuracy: +0.25% and 0.15% of full scale; Case and Bezel: ABS plastic and aluminium anodized; Wetted parts: SS 304L/DD 316L; Scale range: -1 to 700 kg/cm<sup>2</sup>; Battery life: 2 years power saving mode/1000 hrs cont. Applications: Generally used for corrosive gases and liquid media and for calibration lab use.



Contact:

**Arbuda Instruments**  
E-11/1 GIDC Sector-26, Gandhinagar, Gujarat 382 027  
Telefax: 079 – 2328 7990 • Mob: 82649 37896  
E-mail: [info@arbudainstruments.com](mailto:info@arbudainstruments.com)

Explosion  
Proof Type**CLAMP GROUND RESISTANCE TESTER  
MODEL KM 1690**

- **Function** : Ground Resistance Test, Loop Resistance Test
- **Ground Resistance Range**: 0.001Ω - 1200Ω
- **Clamp Size** : 55mm X 32mm
- **Calibration Loop** : 1Ω & 10Ω
- **Insulation Resistance** : >20MΩ or more  
(500V between circuit & outside)
- 300 sets of storage

**FLAMEPROOF TYPE EARTH RESISTANCE TESTER  
KM 1820EX**

- **Function** : Grounding Resistance and Circuit Resistance Test in Flammable & Explosive area.
- **Resistance Range**: 0.010Ω ~ 1200Ω (8 steps)
- **Clamp Opening Size** : 32mm
- **Clamp Size** : 65mm X 32mm
- **Data Storage** : 99 Unit

Ex ia IIBT3Ga

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(Class1)**INTRINSICALLY SAFE INFRARED THERMOMETER  
Model - IRL-7Ex**

- **Ex ib I Mb (Class1).**
- Mines, Oil, Gas Environment.
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- Safety Certification
- **Infrared Temperature Range**: -32°C~ 700°C
- **Spectral Response** : 8μm to 14μm
- **Response Time**: 250ms(95% of reading)
- **Distance to Spot Ratio**: 20:1
- **Emissivity** : 0.95

**SPLIT TYPE GROUND RESISTANCE ON-LINE DETECTOR MODEL KM 1780KC**

- Split Circuit Grounding Resistance On-Line Monitoring,
- Metal Split Circuit Resistance Connection online monitoring,
- Grounding Condition Monitoring.
- Non-contact measurement
- **Data Display** : 4 digits LCD direct indication or doing secondly development software to display.
- **LCD Size** : 47mm X 28.5mm
- **Resistance Range** : 0.01Ω ~ 200Ω
- **Grounding Wire Perforation Size** : 60mm x 30mm
- **Communication mode** : GPRS Communication, RS232, RS485, MODBUS-RTU communication protocol.

IP54



## Loop Powered Indicator

Nippon India offers Loop Powered Indicator. It is a two-wire 4-20 mA loop-powered indicator. Its excellent accuracy allows indicating several units like temperature, pressure, differential pressure, flow, pH, acceleration and others. Loop Powered Indicator is powered by the current loop itself and it is meant to be inserted into sensors already installed in industrial facilities, sharing the same connector type.



This device has a 4-digit display and 2 keys, which allow for quick and easy adjustment of indication range, decimal point position, and digital signal filter and user calibration. Parameter configuration is password protected and can be done directly via the front panel keys of the loop indicator. The configured parameters are stored in non-volatile memory, keeping them safe in the event of a loop break. Specifications – Display: 4-digit red LED; Indicating Range: -1999 to 9999 or 9999 to -1999; Configuration: External push buttons; Accuracy: 0.1% of span  $\pm 1$  digit; Electrical Connection: EN175301-803 A Standard (DIN 43650 Form A); Measuring Rate: Fastest 10 times/sec, Slowest 1.8 times/sec, Rate adjustable/sec. Temperature Drift:  $\leq 30$  ppm; Power Supply: 4-20 mA loop powered; Max Current Load:  $< 60$  ma; Voltage Drop:  $< 2.5$  V DC at 4 mA, 2.9 V DC at 20 mA; Operation Condition: -40 to 85°C; Dimensions: 51.5 x 42.5 x 40.5 (H x W x D); Housing Material: ABS (polyurethane gasket).

Contact:

### Nippon India

237/8 Sonal Link Ind Estate, Building No: 2  
Link Road, Malad (West), Mumbai 400 064  
☎ 022 – 4062 0000 • E-mail: sales@nipponindia.com

## Electric Motor

Indian Electrical Industries, an ISO 9001: 2008 certified company offers a wide range of Electric Motors, Belco. Features: these three-phase electric motors range from 0.125 to 50 HP. Single-phase motors range from 0.125 to 2 HP. These motors have dynamically balanced rotors and fans, which ensure quiet and vibration free operation; and provides high starting and pull out torque. It is available in robust and sturdy construction; thoroughly tested at each stage with precision gauges and equipment. Special designs are available as per customer's specifications.



Contact:

### Indian Electrical Industries

Chopra Industrial Estate, Lal Bahadur Shastri Road  
Next to G K W Company, Bhandup West, Mumbai 400 078  
☎ 022 – 2594 7605 • Mob: 98218 06646  
E-mail: info@belko.in, belkomotor@gmail.com

## Internal Grinding Machine with Face Grinding Model MICROTEK IFG 350 x 400

Microtek Grinding Machines Pvt Ltd manufactures Internal Grinding Machine with Face Grinding Model MICROTEK IFG 350 x 400. Technical Specifications Capacity– Swing: 450 mm; Max internal grinding diameter: 350 mm; Max grinding length: 400 mm; Max job holding length: 500 mm; Max weight of job: 100 kg. Table – Table Stroke: 650 mm; Table Speed: 0.05-4 m/min; Grinding stroke adjustable:



3-400 mm; Dwell at Reversal: 0-10 sec; Travel per revolution of Hand Wheel: 15 mm. In Feed – Slide movement Manual): 200 mm; Minimum increment: 0.001 mm; One turn on cross feed hand wheel on dia: 2 mm; One turn on micro feed hand wheel on dia: 0.2 mm; Minimum infeed rate for grinding wheel: 0.002 mm/stroke. Internal Head – Cross Slide travel: 20+200 mm; Infeed thru CAM: 20 mm; Spindle sizes and RPM's – dia 100 x 400: 6,000 rpm; dia 80 x 400: 10,000 rpm; dia 60 x 400: 18,000 rpm; Spindle motor power: 5 HP. Work Head – ASA outside Taper: No A2-5; Spindle Taper: MT 5; Spindle Speed: 20-200 rpm; Spindle motor power: 1.2 kW; Swivel Range: 30 deg. Face Grinding Attachment – Spindle diameter: 80 mm; Spindle Length: 100 mm; Spindle Speed: 6000 rpm; Grinding wheel: 100 mm (cup wheel). General – Operation Voltage: 415  $\pm 10\%$  A C 3 Phase; Floor Space: (L x B x H) 4000 x 2200 x 2000 mm; Total Power Requirement: 7 kW; Total Weight of the machine: 3,000 kg; Circularity on job: 0.002 mm; Cylindricity: 0.004/100 mm.

Contact:

Microtek Grinding Machines Pvt Ltd  
SB-57, 2<sup>nd</sup> Cross, 1<sup>st</sup> Stage, Peenya Ind Area  
Peenya, Bengaluru, Karnataka 560 058  
☎ 080 – 2839 3371 • Mob: 93412 28077  
E-mail: sales@microtekgrinding.com

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## Smart CNC Electric Discharge Machine

Electronica India Limited, an ISO 9001: 2008 Certified Organization offers Smart CNC Electric Discharge machine, which is a smart solution for mould making. Features: High Speed jump; Built-in GURU; Definable erosion axis; Canned Orbiting cycles; Adaptive anti-arc and Flushing control; SAFE machining circuit. Adaptive Anti-arc and Flushing Control – Gap discharges are monitored and instant pulse-to-pulse corrective actions are taken; Adaptive Jump cycle control on the concentration of debris in the machining gap. SAFE Machining Circuit: Safe and stable, no-arc machining; Ultra-low electrode wear even on sharp corners and edges resulting in: Longer electrode life; Sharper machining details; High-efficiency rib machining.



Contact:

**Electronica India Limited**  
 608/609/1 Pune Pandharpur Road, Saswad, Tal: Purandhar  
 Dist: Pune, Maharashtra 412 301  
 Mob: 93710 68459 / 77981 01001  
 E-mail: [customercare@electronicagroup.com](mailto:customercare@electronicagroup.com)

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**Inquiry:**  
 E-mail: [sales@destinyenviro.com](mailto:sales@destinyenviro.com) | Mob: +91 79773 17153 / 77383 66910 | Website: [destinyenviro.com](http://destinyenviro.com)

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perature Controller, Belt Conveyor, Granulator, etc. The Company serving entire gamut of industries like Automotive, PET Preform, Packaging, Irrigation, Housewares, Furniture, Agriculture, Wires and Cables, Recycling, Wiring Instruments, Medical and Pharmaceutical, Film and Sheet, White Goods, Electrical and Electronics, Building and Construction, Fiber, Textile and Non-Woven and more.

Contact:

**Nu-Vu Conair Pvt Ltd**

Plot No: 147 & 154, Devraj Industrial Park  
Piplaj-Pirana Road, Piplaj, Ahmedabad, Gujarat 382 405  
☎ 079 – 2970 8147 / 97129 28201 / 90990 76206  
E-mail: [marketingdia@conairgroup.com](mailto:marketingdia@conairgroup.com)

## Steady Rest: FRUN Series

Fenwick And Ravi, an ISO 9001: 2015 Company offers Steady Rest: FRUN Series. es: Fully sealed body for better protection from coolant and swarf; Compact in size; Front body profile for easy chip flow; Hydraulic ports on top and side of cylinder; Inbuilt safety valve; Provision for maximum opening feedback; Provision for centralized oil lubrication (grease optional). Steady Rest other Series like FRC, CS, FRU/FRUB, KRHS/KRSHS, NAS and GAFR, HL, Special Steady Rests: HL Series, MS Heavy Duty are available. Other models are available on request.



Contact:

**Fenwick And Ravi**

#10/3 Lakshmi pura Main Road, Chikkabanvara PO  
Abbigere, Bengaluru, Karnataka 560 090  
☎ 080 – 2325 3901 • Mob: 98800 10508 • E-mail: [sales@far.co.in](mailto:sales@far.co.in)

## Hydraulic Universal Cylindrical Grinding Machine

Sharda Mechanic Work is a leading manufacturing of External, Internal, and Universal Special Purpose Cylindrical Grinding machine in CNC PLC and Hydraulic version. The machine is designed to achieve a very high degree of accuracy. Productivity and reliability of performance. The machine is suitable for production, and Tool Room application. Features – Machine Base:



The machine base is manufactured of one piece close grained graded cast iron box type design, heavily reinforced with ribs provide high rigidity and stability. Machine Guide Ways: V and Flat ways precisely hand scrapped with continuous automatic lubrication; Grinding Wheel Slide is coated with Turcite coated, which gives stick slip free movement, excellent vibration damping and high positioning accuracy. Wheel Head: Wheel Head Spindle is made of special alloy ground and micro finish to achieve high dimensional stability and long life; Spindles runs in precision white metal bearings, which give high accuracy and excellent surface finish to the work piece; Cartridge type grinding wheel head spindle with precision antifriction can be offered as optional. Coolant: Coolant supply is provided with Electrical pump fitted separate tank. Work Head: The machine has a rigid Universal Works Head, which can be swiveled to facilitate taper grinding; the drive to the work head is built for stationery and live spindle grinding; Work Head with Antifriction bearings and variable frequency drive offered as optional. Tail Stock: Rigid Tail Stock; Tail Stock is spring loaded and can accept MT-3 Taper; Hydraulic Actuation and Micro Taper correction facility is optional. Tail Stock: Rigid Tail Stock; Tail Stock is spring loaded and can accept MT-3 Taper; Hydraulic Actuation and Micro Taper Correction facility in optional. Electricals: The machine is supplied with all electrical suitable for 440 V AC 50 Hz. The motors are of reputed make. The electrical panel is mounted on one side of the machine, pushbutton station is located at easy reach of the operator. Internal Grinding Attachment (Optional): This unit with independent drive motor is hinged on the wheel head and can be quickly lowered in to grinding position. The drive to the spindle is transmitted by flat belt.

Contact:

**Sharda Mechanic Works Pvt Ltd**

Dudhrej Road, Surendranagar, Gujarat 363 001  
☎ 02752 – 254775 • Mob: 98257 77003, 99790 00039  
E-mail: [sharda@shardamachines.com](mailto:sharda@shardamachines.com)

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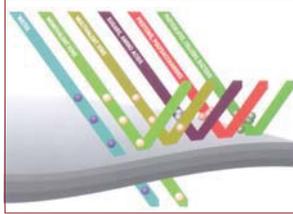
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## Nano Filtration

Osmotech Membranes Pvt Ltd supplies Nano Filtration. Today Nano filtration is majorly functional in drinking water refinement process steps, such as water softening, discoloring and micro pollutant removal. While for industrial processes Nano filtration is functional for the removal coloring agents. Nano filtration is a pressure associated procedure, during which separation takes place, based on molecule size. The technique is chiefly applied of the removal of organic solutes, such as micro pollutants and multivalent ions. Application of Nano Filtration: Removes pesticides from groundwater; Removes heavy metals from wastewater; Wastewater recycling in laundries; Water softening; Nitrates removal. Test Condition: Temperature: 24-28°C; Concentration of Solution: 1000 ppm; pH Value: 7-8; Operating Pressure: 110 psi.



Contact:

**Osmotech Membranes Pvt Ltd**  
 Plot No: 7, Survey No: 239, B/h: Arrow Techno Cast  
 Veraval (Shapar), Dist: Rajkot, Gujarat  
 ☎ 02827 – 254 148 • Mob: 99251 25625  
 E-mail: [info@osmotechmembranes.com](mailto:info@osmotechmembranes.com)

## Cleanroom Lighting

Lab & Life Instruments Pvt Ltd supplies Cleanroom Lighting such as LED Bottom – Recess – Screwless; LED Top Opening – Recess; LED T Grind – Suspended; LED Bot-



tom Opening – Surface; LED Top Opening – Z Ceiling; LED Top Opening – Flush Type 50 mm.

Contact:

**Lab & Life Instruments Pvt Ltd**  
 B-158, Balaji Bhavan, Plot 42A, Sector-11  
 CBD Belapur, Navi Mumbai 400 614  
 ☎ 022 – 2756 0100 / 2756 0300  
 E-Mail: [sales@labnlife.com](mailto:sales@labnlife.com)

## Constant Force Springs

Lee Spring supplies Constant Force Springs, which are smooth operation under stress, and are ideal where smooth operating forces are required. The Lee Spring Series of Constant Force springs are made of high yield Type 301 Stainless Steel, which is ideal for exerting nearly constant force while resisting uncoiling. The smooth operation of the Constant Force series is perfect for smooth returning operation and counterbalance type applications. The inherent stress within the spring resists the loading force at a near constant rate to ensure the smooth operation. Lee Spring offers Constant Force springs in four life cycle ranges and in a selection of sizes. Applications: Counterbalances; Door closers; Cable retractors; Hose retrievers; Tool head returns; Cabinet and Furniture Components; Gym equipment; Hair dryers; Toys; Electric motors; Appliances and Space vehicles.



Contact:

**Lee Spring**  
 Plot No: 182, Bommasandra Industrial Area  
 Hosur Main Road Bommasandra, Bengaluru  
 Karnataka 560 099  
 ☎ 080 – 4937 6666 • E-mail: [leespring.com](mailto:leespring.com)

## Flame Arrestors (SBE-121)

Flame Arrestors are safety devices used to prevent external fire entering in to the tank or inside the pipe line and ducts and to prevent flame spreading from in to or out of plant and equipments flame arrestors are normally installed on the end of the line or above the vessel, where hazardous gases are normally vented out. The internal element or flame bank is made of metal sheet, the gas is allowed to pass along with the element which prevents fire entering in process on the event of external fire entering in procession the event of external fire sizing/designing can be done with reference to API-2000. Flame bank is so designed that the pressure drop is negligible. In any process or plant, which is flammable gas, or vapour that could conceivably ignite flame, flame arrestors must be used. To assist your requirement the details such as the fluid, gas and vapour contains and tank size, capacity in litres, pumping rates n and out from storage tank be specified, where the flame arrestors are required. Available sizes from 1" to 12".



Contact:

**S B Enterprises**  
 Plot No: K-1, 7706/2&3, GIDC Industrial Estate  
 Ankleshwar, Gujarat 393 002  
 ☎ 02646 – 223 663 / 220 889  
 E-mail: [sbenterprisesn71@yahoo.in](mailto:sbenterprisesn71@yahoo.in)

## Partial Discharge Acoustic Imager Model KM-PDAI

KUSAM-MECO has introduced a new Partial Discharge Acoustic Imager Model KM-PDAI. It is an ideal instrument, which can be used as a standalone system for acoustic image measurements and signal analysis. It is a rugged, versatile tool which can help to easily identify a variety of undesirable industrial conditions, like electric faults, gas leaks. With high accuracy the KM-PDAI helps to instantly see audible and ultrasonic noises that are hard to detect. It is equipped with 128 Digital Microphones. By adding an optional Thermal Camera part, the KM-PDAI can change functions between acoustic imaging and Thermal Imaging, making the diagnosis more comprehensive and efficient. The detection distance is 0.3 m ~ 100 m. It has storage capacity 64 GB; Max 128 GB. The Display is 7", with resolution 1280 x 800 pixel. The Resolution of thermal camera is 640 x 512 pixel. The Temperature measurement range is -20°C ~ 650°C with adjustable Emissivity 0.01 to 1.00.



Contact:

**Kusam Electrical Industries Ltd**  
**Shop No:18, 1st Floor, CIDCO Shopping Complex, Plot # 9**  
**Sector-7, Rajiv Gandhi Marg, Sanpada, Navi Mumbai 400 705**  
**Mob: 98674 88006 / 98676 75093**  
**E-mail: sales@kusam-meco.co.in**

## Temperature Scanner NI-SC-8/16

Nippon India's Temperature Scanner with Automatic SMD Packaging Technology, has a Strong Anti-Jamming Capability. It can be used in conjunction with various sensors, transmitters to display temperature, pressure, liquid level, speed, force and other physical parameters, with common alarm and RS-485 Modbus communication.



Applications: Environmental Protection; Science and Education; Automation industry; Chemicals and Pharma industry; R&D Laboratory, etc. 8/16 Input Channel – Current Signal: ±4~20 mA Current Source; Voltage Signal: -10 ~100 V, -10 ~10 V, -1000 ~1000 mV, -100~100 mV Voltage Source; Thermocouple: R, S, B, K, E, T, J, N (Conform to NIST ITS-90 Standard); RTD Sensor: 3-wire PT-100, PT-1000 (Conform to EN 60 751 (ITS-90) Standard). Technical Specification: RS-485 Modbus Communication in 1200~9600 BPS, Data Format: One Starting BIT, Eight Data BITS and One Stopping BIT.

Contact:

**Nippon India**  
**237/8 Sonal Link Ind Estate, Building No: 2**  
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**Electronics:** Capture of fumes from soldering, cleaning and for clean rooms.

**Pharmaceuticals:** Capture of fumes from tableting, capsuling, filling and for clean rooms.

**Textiles:** Capture of particulates in ventilation and humidification systems.

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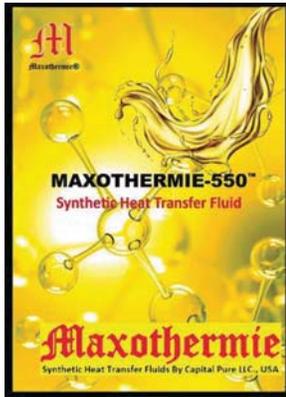
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Contact:

**Nirmal Energy Limited**  
402 ISCON Elegance, Prahladnagar  
S G Highway, Ahmedabad, Gujarat 380 015  
☎ 079 – 6616 8944 • Mob: 98258 04923 / 99789 84510  
E-mail: [info@nirmalenergy.com](mailto:info@nirmalenergy.com)/  
[salesadmin@nirmalenergy.com](mailto:salesadmin@nirmalenergy.com)



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Air Flow Pvt Ltd offers Air Terminal Products like Linear Grille, Double Louver Adjustable Grille, etc. The Linear Grille with fixed bars at front or vertical bars at rear having 0.15 and 30° deflection to suit every interior with fixed or removable core. Wide range of possible combinations suitable for side wall, ceiling suspended or false floor grilles. Double Louver Adjustable Grille – Supply or return air grille with single or double deflection adjustable louvers to provide multi directional air flow. Optionally, front fixed louvers at 0, 15 and 30 degrees deflection, available in combination with Rear Vertical adjustable louvers. The Company is a leading manufacturer and Exporter of Air Terminal Products, Air Distribution products, Smoke/Fire Dampers, Air Ventilation products and Air treatment products and Flexible Duct Connectors.

Contact:

**Air Flow Pvt Ltd**  
J-90 & 91, Site-V, Surajpur UPSIDC Industrial Area  
Kasna, Greater Noida, Uttar Pradesh 201 308  
☎ 0120 – 429 5527 • E-mail: [mail@airflow.in](mailto:mail@airflow.in)



## Conduit Fitting Accessories

Darshan Brass supplies Conduit Fitting Accessories. Types: Brass male bush, Brass flexible conduit fittings, Brass female bush, Brass adapters, GI Nuts, Brass Nickel plated



adapters. Material: Free Cutting Brass IS 319 Type (I) or BS 249 Type (I); High Grade Free Cutting Brass; Brass – BS 2872 CZ 112; Brass CDA-360; Brass IS-319 Grade III; CuZn39Pb3, CW614N, CZ121, and CZ37710; Any Special Brass Material Composition as per customer's need. Threads: UNEF, ISO Metric, mm, PG, BSW, BSP, BSB, BSF, BA, NPT, NPTF, UNC, UNF, UNEF, BSPT; and any special threads as per customers specification. Finish: Natural, Nickel Plated, Tin Plated, Natural Brass, Electro-Tin, Chrome or any coating as per customer requirements. Darshan produces and exports all kinds of Brass precision components.

Contact:

**Darshan Brass Industries**  
K-1/221, GIDC, Shankar Tekri, Udhyanagar  
Jamnagar, Gujarat 361 004  
Mob: 98248 33303 / 97277 10388 • E-mail: [darshanbrass.com](mailto:darshanbrass.com)



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D5 / Cr12MoV / DIN 2601

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Contact:

**Pitson Transmission Technologies**  
52/A2, Jintan Udhyognagar, Surendranagar  
Gujarat 363 002  
Mob: 94289 16549 / 81414 84976  
E-mail: sales@pitsongears.com

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Contact:

**Minilec India Pvt. Ltd**  
1073/1, 2, 3 Mutha Road, Pirangoot  
Pune, Maharashtra 412 115  
☎ 020 – 6792 0100 / 2292 2354 • Mob: 98220 57064  
E-mail: ho.marketing@minilecgroup.com

## PP Fully Auto Strap Band Making Machine

BI Industries manufacturer and exporter of Plastic Processing Machinery and Spare Parts, offers PP Fully Auto Strap Band Making Machine. Production 50-120 kg/hr; Max

speed for each line: 120 m/min. Strap size: 6, 8, 9, 12, 15, 19 mm. Screw and Barrel are Nitrogen treated and stress relieved. Helical gear box with in-built thrust bearing are used for higher efficiency. PID Temperature controller provide accurate temperature control for proper melting in extruder.



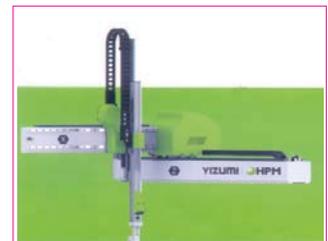
Quench bath is made from stainless steel to prevent corrosion and designed so air gap between die nozzle and water level is adjustable. Two take OFF units are made from Heavy duty Structure and SS Roller with Hard Chrome Plating for Rust free Performance. Pressure Rollers are operated pneumatically or manually. Easy change of Die for Various widths of Strapping Band. Embossing rollers are made from Nitroalloy steel and heat treated for hardness and embossing depth is adjustable. Annealing Unit with Hot Air Oven for Straightening the Straps. Chilling Water Bath with set of SS Roller for Stiffening Performance. Winder is designed to wind strap on different core and driven by torque motor with torque controller. Extremely convenient change for core with Pneumatic system.

Contact:

**B I Industries**  
Shed No: 1, Shree Ram Industrial Estate  
Anup Engg Compound, Odhav, B/h: CMC Mill  
Ahmedabad, Gujarat 382 415  
☎ 079 – 2287 6997 • Mob: 98259 01294  
E-mail: info@biplastics.com

## Yizumi Robot for IMM

Yizumi Robot for Injection Molding Machines (IMM) is an advanced automation solutions that integrate with Yizumi's intelligent IMMs (like the FF Series electric or D1-E hybrid) to create fully automated production cells, handling tasks from part removal, trimming, and cooling to quality checks, often using FANUC, ABB, or KUKA arms for high-speed, precise operations, boosting efficiency and quality in automotive, medical, and consumer goods manufacturing. Features: Low noise, High Speed, High-precision, and Low vibration.

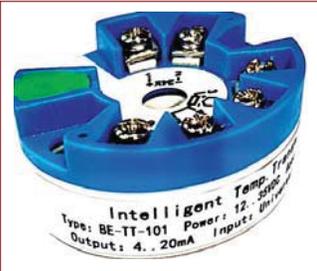


Contact:

**Yizumi Precision Machinery (India) Pvt Ltd**  
Plot No: 1062-1063, Sanand GIDC, Phase-II  
Sanand, Ahmedabad, Gujarat 382 170  
Mob: 90999 06175 • E-mail: info.india@yizumi.com

## Head Mount Smart Temperature Transmitter

BE offers Head Mount Smart Temperature Transmitter. General Features: Universal Input, support RTD: Pt100, Cu 50, Cu 100; Thermocouple: K, J, E, T, S, R, B, N, PT 1000 and are needs to be custom made; 2 Wires 4-20 mA output; Input configurable via PC software and Android smart phone; Built-in cold junction compensation; Can be installed in Form B connection box; High accuracy, 0.1% for RTD, 0.2% for TC; USB cable for configuration purpose can draw power from PC directly, separate 24 V DC power source is no need; surge protection, and reverse connection protection. General Specifications- BE-TT-101: Cold end junction compensate range: -40°C +80°C; Compensate accuracy: ±1°C; Output 4-20 mA; Load Resistance: RL (Ue-12)/0.021; Over range alarm value: IH = 20.8 mA, IL = 20.8 mA; Input break Out-put current value: 21 mA; Power supply: 12-35 V DC; Accuracy (ambient 20 °C): 0.1% FS for RTD, 0.2% FS for TC; Temperature drift: 0.01% FS/°C; Response time: 1 ms to 90% of maximum output; Input/output impedance: Nonisolation; EMC Standard: IEC 61326-1; Working Temp:-40°C+80°C.



Contact:

**British Electricals**  
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Contact:

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Contact:

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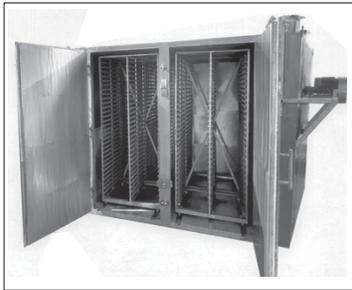
Ball Bearings; Angular Contact Ball Bearings; Self Aligning Ball Bearings; Thrust Ball Bearings; Pillow Block Bearings, etc. Industries served are: Industrial Gearbox; Crusher and Conveyor; Motor and Pumps; Overhead Cranes; Cement and Minerals; Agro Industry; Mining and Construction; Textile Industry; Power Generation; Steel Plants; and many other industries and applications.

Contact:

**ZNL Bearings**  
C-205 Easter Court, Tejpal Road  
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☎ 022 – 2610 0947  
E-mail: [sales@znlbearings.com](mailto:sales@znlbearings.com)

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Contact:

### Uni-Mech Industries

Plot Nos: C-14/15/53, Ashok Indl Park, Opp: Zydus Chacharwadi, Ahmedabad, Gujarat 382 213  
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Contact:

### Amit Electricals

42&43 Pushkar Industrial Estate-1, Opp: National Rifle GIDC Phase I, Vatva, Ahmedabad, Gujarat 382 445  
☎ 079 – 2583 1031 • Mob: 98240 03939  
E-mail: info@amitelectricals.com

## ELECTROMAGNETIC FLOWMETERS

### Flow Transmitter



### Applications

- Water Treatment
- Pump Testing
- Paper & Pulp
- Effluent Treatment Plants
- Waste Water & Sewerage
- Food & Dairy Processing
- Chemical Process Plants

### Features:

- Rate Indicator / Totalizer Functions
- Batch Function
- Latest Pulsed DC Excitation
- Linear & Accurate
- Separate Version
- Computerized Data Logging
- Easy Maintenance



Flow Sensor

## LOAD CELLS

### Various Applications:

Bench, Platform, Belt, Hopper, Crane, Material Handling Scales, etc.



Suitable for applications where height is critical, material testing machines and other tension applications.

### Model ULC



**MINIATURE:** Stainless steel load cells for special applications such as Space Constraint Areas, Robotics, R&D, Automobiles, Keyboard Testing, Piano, etc.

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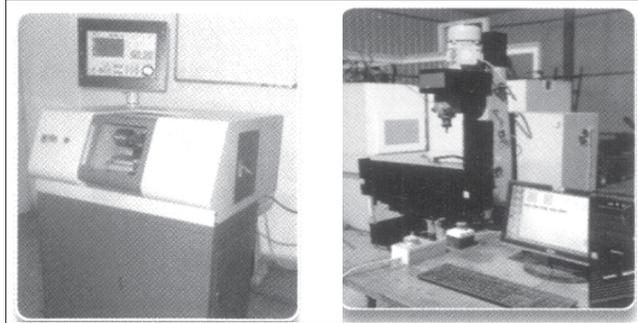
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## Instrumented CNC Machines for Training & Research

Interface produces a range of CNC Machines for the education and research sector. The key requirements of this sector include: Minimum maintenance; Long service life;



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Contact:

**Interface Design Associates Pvt Ltd**  
PAP-R-606, TTC Industrial Area  
MIDC Rabale, Navi Mumbai 400 701  
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E-mail: [info@bharatindustrialsupplier.com](mailto:info@bharatindustrialsupplier.com)

## Mobile Batching Plant

Tecimequip Engineering offers Mobile Batching Plant, which is exclusively designed and known for features like superior operational fluency and high performance; conform to international quality standards and is offered in compact design for facilitating easy transportation and shifting. Other attributes include: reversible non-tilting drum type concrete mixer with hydraulically operated loading skimp (hopper) operated by hydraulic cylinder; rationalised and optimised design to make it robust and requiring little maintenance; drum rotation reversal is actuated by push buttons provided on the electric control panel; the rotating parts are installed on self-lubricating water-tight bearing; specially MS cast gear rings and rollers, so the machine shows high mechanical performance; the design of this machine allows easy mobility through a detachable towing handle (10 km/hr); transmission from three phase motor is done by “V” belts, which allows a very cushioned reversion of drum rotation and reduction of stress on mechanical components.

Contact:

**Tecimequip Engineering**  
413 Road Number 10, Kathwada GIDC  
Odhav Indl Est, Ahmedabad, Kathwada, Gujarat 382 430  
☎ 079 – 2909 2539 • Mob: 98253 40058  
E-mail: [info@tecimequip.com](mailto:info@tecimequip.com)



## Electric Wire Rope Hoists

Tacklers manufactures a range of Electric Wire Rope Hoists such as High Lift Hoists, Curvature Type Hoists, Low Head Room Hoists, Flame Proof Hoists, Fix Suspension Hoists, and Complete Electrical Wire Rope Hoists. Applications of Hoists: Steel Plants, Power Plants, Oil and Gas, Constructions Site, Factories, Ware Houses, Heavy Fabrication Units, Railway Yards, Transporters, Mine Quarries, Harbours, Large Water Works, Marine, etc. Techno Industries' other products include: Single Girder and Double Girder Overhead Cranes, Under Slung Cranes, Goliath/Gantry Cranes, Jib Cranes, Chain Pulley Blocks and Trolleys, etc.



Contact:

**Tacklers Engineering Pvt Ltd**  
Plot 613, Phase-IV, GIDC, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 4032 3330  
Mob: 93287 39901, 93770 39904  
E-mail: [info@technoind.com](mailto:info@technoind.com)

## Telecom Power System, Powerpulse

Power Pulse offers a Gen4 Telecom Power System based on trusted technology. The features are: it is ideal for FTTH/FTTX/FTTU/SDH/STM/OLT/OPTI MUX /EPABX, etc.; this powerpack has the following features: input - 230 V AC; output - 48 V DC; ETSI or telecom rack mountable (19 inch rack mountable); redundant; N+1 configuration; hot swap type (hot plug-in); ERTL certified (for CISPR 22 class A); already used by many customers across the country; three base designs; easy to install; and other input voltages as 220 V DC or 110 V DC or 110 V AC are also available on request, as also other outputs like 24 V DC for BTS, etc. The company is a progressive manufacturer, supplier and exporter of a comprehensive range of electronic solutions for the clients like Telecom Power Supply, DC Converter, FCBC, Battery Charger, DC Power Plant, DC Power Supplies, SMPS, DC Power Pack, Customized Power Supplies, Security Power Equipments, Customized Power Converters, SMPS for Fire, Security & Camera, AC DC Converters, Variable Power Supplies, Panels for Camera Power Supplies, Adapters, DC power supply for Telephone exchanges, for EPBX & EPABX, Customized Power solution (12 VDC / 24 VDC) for RFID card reader, antennas etc.



Contact:

### Power Pulse

A-2/22, GD Steel Compound,  
Site-4 Industrial Area, Sahibabad, Ghaziabad, U.P. 201 010  
☎ 0120-2807459 • Mob: 98106 76780  
Email : info@powerpulseindia.com

## Ferrule Fittings

AK Choudhary manufacturers and exporters of Pipe Fittings, Flanges and Hubs and Clamps supplies Ferrule Fittings. The Type: Union, Male Connector, Female Connector,



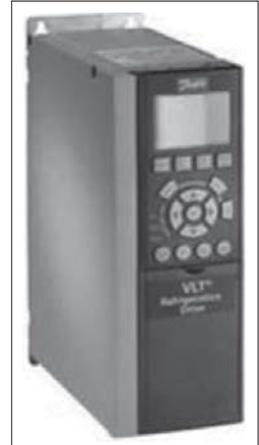
Elbow, TEE, Reducer, Cross, Bulkhead, Plug, Cap, Coupling, Barrel Nipple; Specifications: ASTM, ASME, DIN, JIS, BS and IS. Material: Carbon Steel, Stainless Steel, Alloy Steel, Duplex, Super4 Duplex, Nickel Base Alloy like Hastelloy, Inconel, etc. Range: 1/16" OD to 2" OD and threaded size: 1/8" NPT to 2" NPT. Company also offers Forged and Butt Weld Fittings, Flanges, Hubs, Clamps, etc.

Contact:

A K Choudhary Metals Pvt Ltd  
Shot No: 7, Earth Darshan, 8<sup>th</sup> Khetwadi Main Road  
Next to Maruti Temple, Mumbai 400 004  
☎ 98920 04496 • E-mail: ramesh@choudharymetals.in

## VLT Refrigeration Drive

Rudra Impex Corporation offers VLT Refrigeration Drive. The features are: The VLT refrigeration drive FC 103 covers a power range between 1.1-315 kW; available in a variety of protection classes, the drive suits the needs of pump, fan and compressor applications; every application and power size can be operated and programmed with the same common user interface; owing to resistance to rust, dimensional stability and hassle-free performance, these products are highly appreciated and demanded by the clients across the region. The company has been recognized as a trustworthy organization involved in the process of supplying and exporting process control instrumentation equipment and other instruments. These products are manufactured using high-grade raw material with advanced machines and technology.



Contact:

**Rudra Impex Corporation**  
173/175, V.K. Building, Princess Street  
Kalbadevi, Mumbai 400 002  
☎ 022 - 2200 2450, 3965 7380  
E-mail: rudraimpex@aol.in

'U' Tube Bundle

Shell & Tube Heat Exchanger

Removable Tube Bundle

Radiator

Hair Pin Heat Exchanger

Fin Tubes

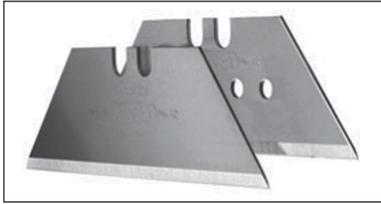
**Manufacturers of:**  
Heat Exchanger, Condenser Chiller, Aftercooler, Intercooler, Economiser etc, Finned Tubes: (Spiral Tension Wound Continuous) in Crimped, Plain 'L' Base, 'G' etc. Type Fins, Radiator, Air Cooler, Oil Cooler, Steam/Oil Heater etc, Pressure/Reaction Vessels Receivers & Storage Tanks.

**HEAT COOL FIN INDUSTRIES**

Plot No: 1002/2 E, IV Phase, G.I.D.C. Estate, Vapi 396 195 (Gujarat)  
Tel: 0260 - 299 1377  
Mobile: 98241 30918, 93770 03336 • Website: www.heat-coolfin.com  
E-mail: heatcool@rediffmail.com / heatcoolvapi@gmail.com

## Trimming Knife Blades

Techno Rise Industries offers a wide range of Trimming Knife Blades. Features: the Blade has two cutting positions for a variety of applications and has two-point reversible blade; these blades fit all standard stanley knives; it can be supplied as five-unit on-a-card, 10 units in a dispenser or 100 units in bulk; it has hardened and tempered utility blade for high sharpness and long life; it is ideal for carpet, vinyl and any other material requiring a stiffer and stronger blade; and the original and best heavy duty, general purpose blade of 0.65 mm thick. The company provides a complete range of hand tools for heavy and light industries. They are into the business of manufacturing, importing and exporting. Currently their sales market covers all major cities in India. They plan to extend to all other states and have a national network.



Contact:

**Techno Rise Industries**

No: 8, 2nd Floor, 54 Atekbai Mansion

Mohammed Ali Road, Nakhuda Mohalla, Mumbadevi Area  
Bhuleshwar, Mumbai 400 003

☎ 022 – 2342 4274 • Mob: 98200 94119, 98672 94119

E-mail: tri\_triair@yahoo.co.in

## EPABX Systems

SND Netsol offers a wide range of EPABX Systems. The firm offers a range of solutions for complete requirements in voice communication for enterprises in the areas of business telephony, contact centres, mobility, cloud telephony and IP telephony; a host of services is offered, from multi-service software for fixed networks, VPN, messaging, platforms, portals and multimedia applications to resource servers, soft switches and media gateways; these products, from telephony partners, enable powerful new ways to collaborate with vendors, customers and co-workers, giving you the means to improve productivity and swiftly adapt to market changes. The company has highly experienced people to provide on-time support and offer AMC services, with best services on time at low cost. A team of professionals is involved in providing comprehensive solutions in the field of telecom systems, safety, security and power management systems.



Contact:

**SND Netsol Private Limited**

No: 183, Bharani Gardens, Pudhupakkam Main Road

Opp: Panchayat Office, Pudhupakkam, Chennai 603 103

Mob: 98402 58035 • E-mail: netsol@sndnetsol.com

## Telecom Shutters and Enclosures

Dinesh Micro Waves & Electronics offers Telecom Shutters and Enclosures. The features are: these are manufactured and designed using advanced technology and are ideal to place BTS equipment, amplifiers, power interface units, SMPS and chargers, batteries, MW racks and tools; these products are effectively designed to meet the requirements of heat generation by the enclosed equipment and environment temperature variations; to minimise the use of air conditioners and generators and obtain low running cost, the company uses advanced passive phase changing materials; it uses passive cooling technology in its shelters by phase change materials (PCM) for energy saving. The company supplies and manufactures textile machines, embroidery machines, textile machinery spares, mild steel textile machinery spares, stainless steel textile machinery spares and aluminum textile machinery spares.



Contact:

**Dinesh Micro Waves & Electronics**

New No: 37, Sorgavasal Street, Karamadai

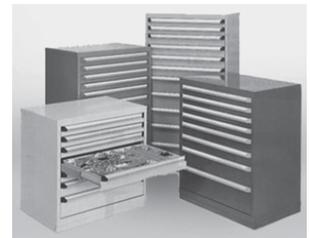
Coimbatore, Tamil Nadu 641 104

☎ 0422 – 269 4313, 437 1112

Mob: 99524 44222 • E-mail: info@dineshmicrowaves.com

## Nitrocellulose Spray Paint

Mehul offers Nitrocellulose Spray Paint. It is widely used in wooden products like furniture, toys, etc. and is widely acclaimed for its balanced composition and premium quality; processed using premium grade chemical compounds and modern technology and tested against various quality parameters, before final dispatch. The products are chemical and alkali resistant, offer safe usage and have a long shelf life. The company supplies premium quality range of industrial paints, stipple paints, nitrocellulose paints, polyurethane paints, etc.



Contact:

**Mehul Electro Insulating Industries**

Plot 2610/A, Phase IV, Vatva GIDC

Ahmedabad, Gujarat 382 445

Mob: 99982 36772, 80000 06846

E-mail: mehulelectro@vsnl.com

Visit: [www.ips.co.in](http://www.ips.co.in)  
to view our e-magazine

## Wire Rope Hoists

Tacklers Engineering Pvt Ltd (formerly known as Techno Industries) offers Wire Rope Hoists. Features: Modular lightweight construction and compact designed hoists with very low head room; Hoisting gearbox, motor and brake is in one single compact unit eliminating coupling and alignment problems; All gear drives are made in Germany and are life time lubricated; Two speed hoisting drive in 6/1 ratio with built-in flywheel and soft start/stop feature; Extremely low noise levels during operation; All motors are pole changing crane duty with Class F insulation; DC brakes with a minimum of one million maintenance free operation; Wide, large diameter steel wheels with permanently lubricated bearings; Equipped with two upper and two lower position geared limit switches; Heavy duty wire rope guide for rope guidance; Easy to service electrical control system; All controls mounted in IP 54 panel enclosure; Variable frequency drive is available as an option on hoist as well as cross travel drives; Overload limit switches, and Remote control pendant are available as an option. Available in load range from 2 Tonnes to 25 Tonnes in different class of duties and lift and hoisting speeds.

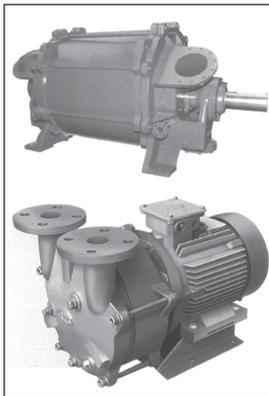


Contact:

**Tacklers Engineering Pvt Ltd**  
Plot No: 613, Phase-IV, GIDC, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 4032 3330 • Mob: 93287 39901, 93770 39904  
E-mail: info@technoind.com

## Vacuum Pumps

PPI Pumps, an ISO 9001: 2008 certified company, and is one of India's largest vacuum pumps manufacturers. They offer a range of vacuum pumps in different sizes and capacities: Close Couple Vacuum Pump CC Series (pix, top) – Suction capacity: 20 to 200 m<sup>3</sup>/hr; Power consumption: 0.75 kW to 5.5 kW; Maximum vacuum: 700 mm of Hg (G). Used in plastic industries and breweries. PRV Series Liquid Ring Vacuum Pump – Suction capacity: 7200 to 16000 m<sup>3</sup>/hr; Power consumption: 110 kW to 500 kW; Maximum vacuum: 700 mm of Hg (9G); widely used in Pulp and paper industries, and Sugar mills.



Contact:

**PPI Pumps Pvt Ltd**  
14 & 16 C, Phase 1, GIDC Estate, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 2583 2274, 3251 6741 • E-mail: sales@ppipumps.com

## DC Drives

Simatech Automation offers DC Drives. The features are: extremely fast control characteristics; current and torque rise time is less than 10ms; input range from 400V to 830V; can be integrated into any automation environment in all industrial segment; extremely quick and simple startup; extremely simple operator control using a unified operator control philosophy; provide top performance and intelligence; and innovative BICO Technology; flexible and cost effective; higher noise immunity; can be internationally used; output range from 6.3kW to 2000kW. The company is known as a manufacturing and exporting company, providing a range of panel and industrial automation products. Established in 2005, an ISO 9001-2008 certified company also offers HMI software/scada software with sound technical and service support.



Contact:

**Simatech Automation**  
3 Sarswati Building, Tungareshwar Industrial Complex  
Sativli, Vasai East, Palghar, Maharashtra 401 208  
Mob: 98202 34033, 99208 34033  
E-mail: simatechautomation@gmail.com

## TECHNICALLY RELIABLE PRODUCTS

We Design Drives, Manufacture Pulleys In All Pitch For Timing Belts Hob Cut With Imported Cutters Conforming To International Standard, Special Vee Belt & Flat Belt Pulleys & Any Belt Pulley As Per Drawing.

We Deal in Imported:

- Timing Belts • Flat Tangential Belts • Wedge-space Saver Belts
- Nylon Sandwich Belts • Conveyor Belts • Poly 'V' Belts
- Endless Belts • Poly Flex Belts • Catter Pillar • Perlon Ropes & Any Special Belts are manufactured as per Client's Requirement.



**TRP**  
**kwedos**  
Belt Drives



B-2, Alaukik Flats, Near Dwarakesh Tower, Judges Bungalows Road,  
Bodakdev, Ahmedabad 380 015.  
Mobile : 99251 11749 • Telefax: 079 - 2687 0311  
E-mail: sales@kwedos.com / info@kwedos.in

## Power Cables

Empire Cable supplies power cables with PVC insulation for power transmission. Voltage grade 650/1100 volts (Uo/U) provided with ISI marking IS 1554 (Pt-1), with or without HR/FRLs properties. Screening can be provided if desired. The cables conform to standard specifications like IS 1554 (Pt-1), IEC 502, BS 6436/87. Configuration: Single core up to 1000 sq mm, multi-core up to 400 sq mm x 3-1/2 cores; Construction: Conductor is aluminium/copper, solid/stranded circular/compacted/sector shaped. Insulation is PVC; Mechanical protection: Galvanized steel wire/strips/double helical steel tape; aluminium wire amounting for single core cable; Inner and outer sheath – PVC black/grey or as per requirement.

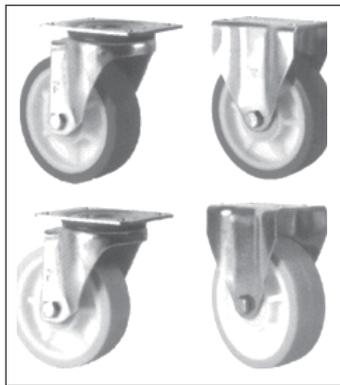


Contact:

**Empire Cable Industries (P) Ltd**  
Plot No: 115, Phase-II  
Badli Industrial Area, Delhi 110 042  
☎ 011 – 2387 4632 • Fax: 011 – 2386 1610  
E-mail: [empirecables@yahoo.co.in](mailto:empirecables@yahoo.co.in)

## Material Handling Medium Heavy Duty Castors

Kalpar Engineering Pvt Ltd is among the largest castor wheels manufacturer in India, producing more than 2 million castors per year including standard and custom design castor wheels. Kalpar offers Material Handling Medium Heavy Duty Castors. Types – Fix, Swivel, Swivel with Brake; Wheel – PU (Red), Nylon (Yellow); Sizes – 125, 150, 200 mm; Load: 250, 300, 400 kg resp. The range of products include: Heavy and Extra Heavy Duty Castors, Spinning Trolleys Light Duty Castors; Steaming Trolleys Castors, Spinning Cans Castors, etc.



Contact:

**Kalpar Engineers Private Limited**  
1809 GIDC Phase IV, Wadhwan, Gujarat 363 035  
☎ 02752 – 243 684 / 243 784  
E-mail: [info@kalpar.in](mailto:info@kalpar.in)

Visit us at: [www.ips.co.in](http://www.ips.co.in)

## EOT Crane

Eddycranes Engineers, manufactures Elmech make EOT cranes conforming to Class I, II, III and Class IV (M1 to M8), heavy duty application as per IS: 807-2006, IS: 3177-1999, IS: 4137-1967 wherever applicable. EOT cranes are manufactured from 0.5 ton to 150 tons capacity in single Girder design as well as in double Girder design. Elmech EOT cranes offer technologically advanced features such as box type girders for torsional rigidity and strength, tapered plate design for joining the girders to the end carriage to ensure smooth flow of stresses, duly hardened forged wheels running on spherical roller bearings in L-type housing, geared couplings, high torque, crane duty, gearboxes, etc. These cranes offer long life and minimum noise during its operation; and are supplied with safety features consisting of brakes in all motions, limit switch in all motions, overload relays and single phase preventer for all motors in control panel, etc, also with pendant push button controller for operation from floor, or master controllers for operation from driver's cabin or with radio remote control arrangement. Eddycranes Engineers also manufactures Elmech Hoists, Grabbing Cranes, Goliath Cranes, HOT Cranes, Flameproof EOT Cranes and Electric Hoists and Winches etc.



Contact:

**Eddycranes Engineers Pvt Ltd**  
3/23 Tardeo A/C Market, Tardeo Road, Mumbai 400 034  
☎ 2352 2710 / 2352 5103 / 2352 1798  
E-mail: [eddycranes@vsnl.com](mailto:eddycranes@vsnl.com)

## CNC Roll Turning Lathe Machine (Geared Driven)

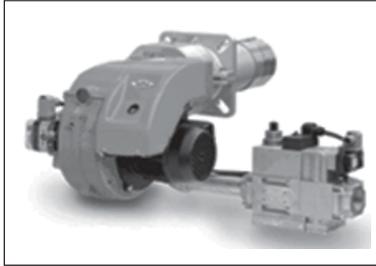
Tirupati CNC Products is a manufacturer of CNC machines and lathe machines, which are used in Rolling, Forging, Casting, Bearing industries and many other metal removing processes. Its Advantages: Reduced downtime by eliminating the manual Turning of rolls; Faster machining; Ideal for machining split pass forms; Easily replaces more than 4 manual lathes and trees up the space and complexity on the workshop; Suitable for composite and carbide rolls; Significantly reduces the operation time and Operator time; Cost savings through reduced inventory of rolls. Optional Accessories are: Steady Rest; Motorized Turret; Chip Conveyor; Revolving Centre; Tool Shank/Insert; and Stabilizer.

Contact:

**Tirupati CNC Products**  
Plot No: 15, 16, 17 Survey No: 255, Reveira Industrial Estate  
Nr: GEB Substation, Shapar (Veraval), Tal: Kotada Sangani  
Dist: Rajkot, Gujarat 360 024  
Mob: 99251 51087 / 99251 70587  
E-mail: [tirupatienc@yahoo.in](mailto:tirupatienc@yahoo.in)

## Two-Stage Gas Burners Class III with Built-in Inverter

Nirmal Energy Limited, an ISO 9001: 2015 certified company, introduces to the Indian market new two-stage gas burners in Class III with built-in inverter manufactured by Baltur SpA of Italy. With years of experience and compliance with increasingly strict regulations regarding reduction of emissions and energy consumption, Baltur has continued on the path of innovation for which it stands out, redesigning and repositioning on the market a number of burner lines allowing it to acquire an important new share of the market. The latest in this series of research and development (R&D), the company evolved with new two-stage gas burners with built-in inverters. It is significant that the inverter uses a true Drive Control developed and patented by Baltur for two-stage and modulating burner motors. Burners conforming to: Gas directive 90/396/CEE; EMC Directive 89/336/CEE; LV Directive 73/23/CEE; and Reference Standard: EN676. Product benefits: Major energy savings; Easy use and start-up; Excellent price to performance ratio; and one of its kind in the monoblock pressure jet burners.



Contact:

**Nirmal Energy Limited**  
C/U/14-16 Swatang Complex, Jodhpur Village Road  
Satellite, Ahmedabad, Gujarat 380 015  
☎ 079 – 2692 3170 • Fax: 079 – 2692 3469  
E-mail: [info@nirmalenergy.com](mailto:info@nirmalenergy.com)

## Brushless PM AC/DC Motors

Jayashree Electrodevices Pvt Ltd offers Brushless PM AC/DC Motors (30 Watts – 3000 Watts at 3000 RPM). Features: High efficiency and Low Cogging Torque; Low inertia – fast dynamic response; Compact size – high power to weight ratio; Tailored to match customer specifications; Sensorless, or with Hall/Encoder feedback. The Company's products range includes: BLDC/PMSM Submersible Motors, Open Frame motors, Conveyor safety products for bulk material handling, etc.



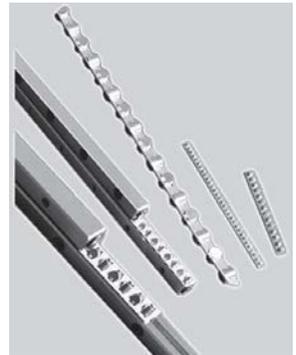
Contact:

**Jayashree Electrodevices Pvt Ltd**  
W1, F-2 Block, MIDC, Pimpri, Pune, Maharashtra 411 018  
☎ 020 – 4072 0021 • Mob: 95525 86754  
E-mail: [jedl.sales@jayashree.in](mailto:jedl.sales@jayashree.in) / [jelectrodevices@gmail.com](mailto:jelectrodevices@gmail.com)

Visit us at: [www.ips.co.in](http://www.ips.co.in)

## Linear Bearings, Type R

Linear Ways India offers a wide range of Linear Bearings, Type R. The features are: these bearings are manufactured as per industrial standards, keeping in mind the client's requirements. Moreover, the high-grade raw materials ensure high quality standards and durability of these linear bearings; the dexterous team at the company is well versed with the advanced technology, which enables them to come up with a qualitative range of products; it offers customised solutions to ensure complete satisfaction. The company thrives on the qualitative range of linear bearings, linear motion slides, frictionless tables, coordinate frictionless tables, and flat thread rolling dies; these are widely appreciated for high quality standards by various reputed companies like HMT, MICO, PMT, TELCO, and other scientific institutions; and are used where smooth, exact, error-free and play-free linear motion is required.



Contact:

**Linear Ways India**  
135 Phase II, Indl Area Phase 1, Panchkula, Haryana 134 113  
☎ 0172 – 259 2752 • Mob: 98140 03925  
E-mail: [info@linear.com](mailto:info@linear.com)



### Manufacturers of Industrial Machineries

|  |   |   |   |
|--|---|---|---|
| <br><small>Paper Plate Forming Die, Cutter and Heater (All Size)</small> | <br><small>Hydraulic Paper Plate Forming Machine</small>                               | <br><small>Hydraulic Paper Cutting Machine</small> | <br><small>Hydraulic Dual Stage Cutting &amp; Forming Machine</small>      |
| <br><small>Paper Roll to Sheet Cutting Machine</small>                   | <br><small>Hydraulic Single Cylinder Hand Operated Paper Plate Forming Machine</small> | <br><small>Paper Cover Making Machine</small>      | <br><small>Hydraulic Single Cylinder Cutting &amp; Forming Machine</small> |

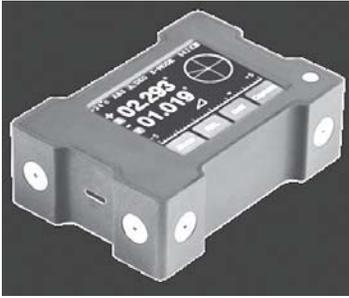
- ☛ Varot Engineering Established in 2005 is one of the leading manufacturer of different types of paper plate manufacturing machines.
- ☛ These machines are reliable and robust in construction suitable for variety of applications
- ☛ Varot Engineering meets the exact requirements suitable for various small scale entrepreneurs to achieve high performance and more reliability
- ☛ The machines are designed and manufactured using the best reputed materials and components

## VAROT ENGINEERING

Industrial Development Plot, Kappur, Anakkara, Kerala 679 551  
 Mobile: 098471 40809, 098471 40810  
 Email : [varotengineeringidp@gmail.com](mailto:varotengineeringidp@gmail.com)

## Dual Axis Digital Inclinometer-46

ITI-Inclinometer-46 is a Dual Axis Digital device designed to measure slope with high accuracy. It can measure slope with an accuracy of 10 seconds of arc at  $\pm 5^\circ$  and 1 minute of arc at  $\pm 46^\circ$ . ITI-Inclinometer-46/M features temperature compensation and fast calibration, making it reliable for operational environments. Thanks to its low-power design, intelligent power-saving features, and lithium-ion rechargeable battery, this Inclinometer offers up to 33 hours of battery life on a single charge. Besides, taking advantage of a 2.8" touch screen and user-friendly graphical user interface (GUI), along with measurement in units of degrees, arc seconds, mm/m and mil make slope measurement easier. By using micro electromechanical sensors (MEMS) and 3D acceleration data processing, ITI-Inclinometer-46/M has been able to maintain its accuracy throughout the measurement interval. In addition, thanks to temperature compensation and the use of "multi-factor temperature calibration" technology. Utilising micro electromechanical sensors and 3D processing of acceleration data, Inclinometer maintains its accuracy throughout the measuring range. Product Specifications - Number of Axis: Dual Axis; Limits of Error: 1 arc min; Resolution: 0.01 mm/m; Sensitivity: 5 arc sec; Measuring range:  $\pm 46^\circ$ ; Limits of error within 12 months ( $T_a = 20^\circ\text{C}$ )  $MW = \text{measured value}$ ,  $T_a = \text{Ambient temperature}$ : 0.0559%  $MW/\text{min}$  15 arc sec; Response Time: Less than 5 sec; Magnet: Not included; Data output: USB-C; Power Supply – Lithium-ion Battery, External Power: Max 33 h; Max current consumption during charging process at max brightness of LCD screen: 500 mA, 5 V; Operating temperature:  $0^\circ \sim 40^\circ\text{C}$ ; Storage temperature:  $-20^\circ \sim 60^\circ\text{C}$ ; Protection Class: IP64 (with protection cap for USB-C); Net weight: 400 g; Length: 100 mm; Width: 30 mm; Height: 75 mm. Applications: Adjusting axes in CNC machines and industrial robots; Deflection measurement of huge pipelines; Dimensional quality control of parts in steel industries; Precise alignment for installing rail structures; Calibrating linacs and other sensitive medical equipment; Adjusting local terrain for radars; Testing and controlling multi-degree-of-freedom tables.



Contact:

**India Tools & Instruments Co**  
12/18 Tawa Lane, Off Abdul Rehman Street  
Unity House, 1<sup>st</sup> Floor, Office No: 7, PB No: 3264  
Mumbai 400 003  
☎ 022 – 2342 8862 • Mob: 98193 45050  
E-mail: [ojus\\_itico@hotmail.com](mailto:ojus_itico@hotmail.com)

Visit us: [www.industrialproductssource.com](http://www.industrialproductssource.com)  
to view our e-magazine

## HDPE Pipe Die Head

Devikrupa Group offers HDPE Pipe Die Head. Its Features: Improved Inner Pipe Surface and Short Purging Time; Optimized Back Pressure Allows a Balance of Compression and Melt Temperature Control; Uniform Melt Flow Can Be Achieved Yielding Minimum wall Thickness Deviation; Enables PE, PPR, ABS Process ability only by changing the Tooling; Constant Processing Characteristics over the Full Range of Material; Consistent Product Quality for all Pipe Sizes; Low Pressure Build-Up and Low Melt Temperature Even with High Throughput. The Company is engaged in manufacturing, exporting and supplying the finest quality range of Single Screw Barrel, Twin Screw Barrel, Bimetallic Screw Barrel, and Food Processing Screw Barrel. Devikrupa Extrusion specializes in the manufacturing of HDPE Pipe Manufacturing Machine, PVC Pipe Manufacturing Machine, PVC Profile Plant, etc. The Company operates from well-equipped machine and fabrication shops facilities; and its products are mainly used in industries like Plastic, Food, Packaging and many other associated manufacturers. The Screw Barrel mainly used in PVC Pipe Plant, Blow Moulding Machines, Injection Moulding Machines, Cable and Wire Extruder Plants, Extrusion Plants, Automated Food Processing Machinery, Single Screw Extruder Machine and all types of Plastic Processing Machinery.



Contact:

**Devikrupa Group**  
L-9, Nr: Abhyudaya Co-Op. Bank, Plot No: 67  
14 Road, Opp: Subham Extrusion Technic  
Phase I, Vatva GIDC, Ahmedabad, Gujarat 382 445  
☎ 079 – 4008 38311 • Mob: 94266 08369  
E-mail: [info@devikrupaindustries.com](mailto:info@devikrupaindustries.com)

## Transmission Chain Coupling

Hasmukhlal offers Transmission Chain Couplings, which are used to join two pieces of rotating equipment while permitting the various degrees of misalignment, end movement, or both; moreover, by careful installation and maintenance of couplings, substantial savings can be made in reduced downtime and maintenance costs; and their features include: longer service life; resistance against corrosion; sturdy construction; easy use. The company is ISO 9001: 2000 certified, and engaged in manufacturing, supplying, and exporting power transmission equipment, oil seals, threads, and various industrial components.



Contact:

**Hasmukhlal & Brothers**  
No: 7, Samrat Industrial Area, Gondal Road  
B/h: Chandan Marble, Rajkot, Gujarat 360 004  
☎ 0281 – 236 0761 • Mob: 98253 40600, 98797 60004  
E-mail: [bonnaflex@gmail.com](mailto:bonnaflex@gmail.com)

## Digital DC Low Resistance Micro Ohm Meter - Model - KM OHM 8501

KUSAM-MECO has added a NEW DC LOW Resistance Micro ohm meter model KM OHM 8501 to their range of Low Resistance measuring instruments. It adopts micro-processor technology, 4 wire method for testing for precise readings. It is mainly used to measure the wire resistance of cables, contact resistance of switches, connectors, relays, the resistance of coils, motors transformer, winding, etc. The test current is 1A. The large LCD Screen (72×55mm) gives clear readings. The instrument has overload protection to prevent the instrument from being burned out due to mis operation. It can store 500 sets of data. The resistance measuring range is from 0.001 milli ohm to 300.0kΩ; Resolution is 1 micro ohm; Accuracy: ±0.1%FS. It has micro USB interface. It has Low-Battery indicator on the LCD Screen. It operates on rechargeable battery. It is supplied with operational manual, Test Leads, software CD & Adaptor.



Contact :

**Kusam Electrical Industries Ltd**  
Shop No: 18, 1st Floor, CIDCO Shopping Complex  
Plot # 9, Sector-7, Rajiv Gandhi Marg, Sanpada  
Navi Mumbai 400 075  
Mob: 95940 57456 / 95940 58456  
E-mail: sales@kusam-meco.co.in

## Battery Energy Storage

Bajel Projects Limited is a leading company in the engineering, procurement, and construction business with a strong presence in the Power Transmission and Power Distribution sectors. Bajel Projects is strengthening infrastructure across data centers, battery energy storage, industrial sectors, and metro/railway network scan deliver end-to-end energy storage solutions, from feasibility and design to installation and maintenance, ensuring optimal energy utilization. EPC for BESS Developers; Partnership with Battery Manufacturers; Connections to and from the grid. Bajel Projects continues its expertise in metro and railway infrastructure by leveraging technological advancements and mechanized construction methods to accelerate project execution. Overhead Electrification; Traction Substations; EHV Cable System up to 220 kV.



Contact:

**Bajel Projects**  
801 Rustomjee Aspiree, Bhanu Shankar Yagnik Marg  
Off Eastern Express Highway, Sion (East), Mumbai 400 022  
☎ 022 – 2406 4400 • E-mail: pd@bajelprojects.com

## Helical Gear

J S Engineering Works offers a wide range of Helical Gear. The features are: designed and manufactured in compliance with international quality standards using high-grade raw materials, this gear assures a high level of accuracy; recognised for easy installation, less maintenance, optimum performance, compact design, minimum noise, and longer service life, this spur helical gear is in wide demand in the market; these gears can be availed of at market prevailing rates in varied specifications; corrosion-resistant; easy installation; capable of withstanding high pressure and temperature; precise dimension; and error free operation. The company is a manufacturer and exporter of various types of gear boxes. The range of products includes worm wheel gear, gear boxes, shaft mounted gear boxes, crane duty helical gear boxes, and more.



Contact:

**J S Engineering Works**  
15, Ajit Industrial Estate  
Nagarvel Hanuman Road  
Rakhial, Ahmedabad, Gujarat 380 026  
☎ 079 – 6540 4065 • Mob: 94270 28033  
E-mail: jsgears@jsgears.in

## Thermocouples & RTD (PT100) Sensors

MI (Mineral Insulated) Thermocouple



Thermo Well



Magnetic Float Sensors



Die Head Thermocouple & PT100 (RTD) Sensors



CHNT

Contactor, OLR, MCB, MCCB, MPCB



Other Products: Photo Electric Sensors • Proximity Sensor • Mica Band Heater & Cross Head Heater • Nozzle Heater • Ceramic Band Heater • Tubular Heaters • High Density Cartridge Heater • Porcelain Heater & Element • Industrial Oven

**BHEEMAS CONTROLS**

No. 31/32, 1st Floor, Thottarayan Koil Street, Kattoor, Coimbatore - 641 009  
Mob: 094431 29073 | 090420 98267 • E-mail: bheemascontrols@gmail.com  
Website: www.bheemascontrols.com

## Compact Speed Vector Drives

Confident Automation offers Compact Speed Vector Drives. Features are: these are manufactured under rigid quality norms in keeping with global quality standards and can be availed of for AC drive series for sensorless vector and closed-loop vector; these vector servo drives provide precision position and vector control attributes; other features include: easy tuning; easy vector control; and longer serving life; the wide array of products offered encompasses AC and DC drives, servo drives, motors, and logic controllers. The company is engaged in manufacturing and supplying a comprehensive array of industrial automation equipment. The offered products have applications in various automation industries and are available in various technical specifications.



Contact:

**Confident Automation**  
23 Venkatalakshmi Nagar, Trichy Road, Singanallur  
Coimbatore, Tamil Nadu 641 005  
Mob: 93622 64242, 98432 64242  
E-mail: [confidentautomation@gmail.com](mailto:confidentautomation@gmail.com)

## Industrial Spur Gears

Shubham Gears offers Spur Gears. The features are: These gears are known for their dimensional accuracy and long life. Manufactured using quality-tested varieties of raw materials, these gears are ideally suited for demanding industrial conditions; its provide optimum performance and longer operational life. Its features include: durable; sturdy; and precise design; in addition to these products, the company also offers industrial gears, gearboxes and industrial chain sprockets. These products are appreciated because of noiseless operation, easy installation and minimal maintenance. The company established in 2000, is engaged in manufacturing, trading, exporting and supplying different kinds of automobile gears. In addition to these products, company also offers industrial gears, gear boxes and industrial chain sprockets.



Contact:

**Shubham Gears**  
1 Dhebar Road, S Parmeshwar Society, Atika South  
Atika Industrial Area, Bhakti Nagar, Rajkot, Gujarat 360 002  
☎ 0281 – 232 1744 • Mob: 94263 45898  
E-mail: [shubhamegears@gmail.com](mailto:shubhamegears@gmail.com)

## ABB Electric Brake Motor

Electro Mech (India) offers a wide range of ABB electric brake motor. The features are: these ABB electric brake motor are standard motors modified for braking duties. The electromagnetic disc brake is powered either DC or three phase AC current, from a rectifier located in the motor terminal box; it is also known as foot mounted motor; some key benefits are such as wide terminal box - easy installation; hand release; technical and application support; service and support; with standard motors' dimensions and output ratings, aluminum frame. The company is a manufacturer, supplier and trader of electric motor, gear box, inverter speed control drive and gear motor.



Contact:

**Electro Mech (India)**  
57B, Chittaranjan Avenue, Tiretti  
Kolkata, West Bengal 700 012  
☎ 033 – 2221 7964 • Mob: 94333 17872  
E-mail: [electromechindia@gmail.com](mailto:electromechindia@gmail.com)

## Brake Motors

Engineering Hindustan offers a range of Brake Motors. Specifications: a wide range from fractional HP to 40 HP; TEFC (totally enclosed fan cooled) motors; and factory fitted and aligned brake motors. The brake mounting provision is in-built. No modifications are carried out on the motors thereby keeping the full warranty of the motors intact. The motors have a wide range and come with full factory fitting and dynamic balancing. The Company also provides the latest and most advanced AC and DC failsafe brakes, having a working voltage of 240 V. Engineering Hindustan is engaged in manufacturing and exporting electromagnetic clutches and brakes.

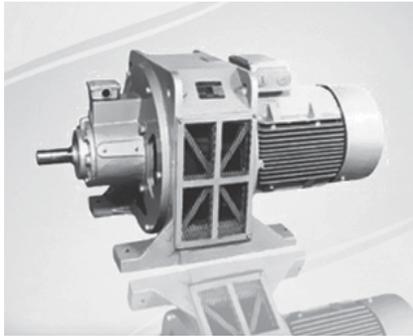


Contact:

**Engineering Hindustan**  
A-119, Khairane MIDC, TTC Industrial Area  
B/h: Reliance Silico, Kopar Khairane  
Navi Mumbai, Maharashtra 400 710  
☎ 022 – 6520 8640, 2768 3513  
Mob: 98213 34017, 98207 40067  
E-mail: [enghind@bom3.vsnl.net.in](mailto:enghind@bom3.vsnl.net.in)

## Eddy Current Drive

PSP Techno Engineers offers Eddy Current Drive. The features are: there is no physical contact between motor and clutch; this results in smooth response, thereby eliminating shock loading and extending equipment life; operates on AC power supply and provides constant torque at variable speeds over a wide range; the magnetic field is produced by a clutch coil typically below 2 per cent of the total drive power requirements which means smaller and longer life controller circuits can be used. The company provides high quality automation, full turnkey solution and 24\*7 service supports to the industries.



Contact:

**PSP Techno Engineers Pvt. Ltd**  
3rd Floor, Aggarwal Modern Bazar, C-33, 306-307  
Britannia Road, Dr Lohia Industrial Area  
Keshav Puram, Tri Nagar, Delhi 110 035  
☎ 011 – 2718 0525 • Mob: 096507 91461  
E-mail: sales@psptechno.com

## Servo Motors

Rotolinear Systems offers AC Brushless Servo Motors. Features are: these are available in range of 0.1 – 115 Nm. The standard frame sizes (square) available are 25, 37, 55, 74, 86, 98 and 142, 190, 240. There are mainly 2 models or series (i.e. TGT Series and TGH Series. TGT Series AC synchronous servomotors are characterized by low inertia, small dimensions, high dynamics, high adaptability and reliability; the servo motors have permanent Neodymium magnets in the rotor. The groove bevels in the stator and segment alignments of magnets on the rotor decrease the torque pulsations; and the normal protection is IP 54 (optional IP 65) and the insulation Class F. TGH Series servomotors are smaller servomotors and the speed is also low. TGH servomotors are 20 to 30 per cent shorter in total length compared to TGT of same torque. TGH motors are available with torque range 0.03 - 25 Nm. The company provides right products and solutions to major CNC machine tools builders, SPM builders and machinery builders.

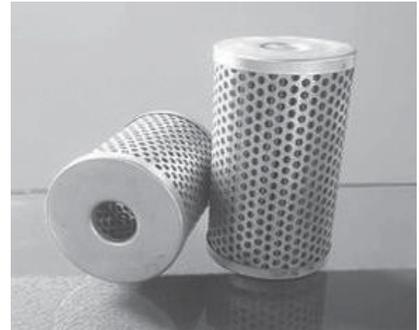


Contact:

**Rotolinear Systems**  
72 Ground Floor, 1st Main Road, LIC Colony  
Yeswanthpur, Bengaluru, Karnataka 560 022  
☎ 080 – 2357 2855 • Mob: 98451 96751  
E-mail: rotolinearindia@vsnl.com

## Power Steering Oil Filter

Clair Filter Systems offers Power Steering Oil Filter. The features are: these correctly outlined oil filters helps in greasing up moving motor parts; oil filters are accessible with well-being valves, which sidestep over-prohibitive stream and keeps the motor from being oil starved and increment motor life; these power guiding oil filters in fluctuated determinations at pocket amicable costs in the business sectors; easy to install, and operate; high work capacity. The company is engaged in the manufacturing and supplying a wide range of oil filters, automobile air filters, and fuel filters. Their modern and well-equipped infrastructural facilities help in successfully catering to the needs and demands of a large clientele.

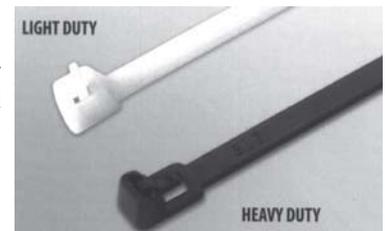


Contact:

**Clair Filter Systems**  
Sr. No: 22/4, Opp: Indira College Of Engineering  
Parandwadi, Tal - Maval, Pune, Maharashtra 410 506  
☎ 020 – 2767 2525 • Mob: 98816 20899, 77450 90899  
E-mail: clairfilter@gmail.com

## Releasable Cable Ties

Surelock Plastics Pvt Ltd offers a range of Cable Ties and Accessories, which find Applications in wire harnessing where changes are anticipated during development, production or in the field, also used for temporary bag packing. Material: Nylon 66; Colour: Natural, Black; Operating Temp: -40°C to +85°C; Unit: 100 pcs/packet and 1000 Pcs/K. Features: the releasable cable tie permits easy release and reuse with a tab. Surelock's products include: Double Loop Tie, Double Lock Tie, Non-releasable Cable Ties, Tie Tensioning/Cutting Tool, Inside Tag Tie, Outside Tag Tie, Cord Collect Tie, Inside Push Mount Releasable Tie, Belt Tie, etc.



Contact:

**Surelock Plastics Pvt Ltd**  
South Wing, 2<sup>nd</sup> Floor, The International Building  
Above State Bank of India, 16 M K Marg  
Churchgate, Mumbai 400 020  
☎ 022 – 6111 5000 / 2208 2525  
E-mail: sales@surelock.in

Visit us at: [www.ips.co.in](http://www.ips.co.in)

## Tungsten Carbide Tooling And Wear Parts

Vijayshree Wear Parts Pvt Ltd, an ISO 9001: 2015 Company is a team of experienced engineers having more than 30 years' experience in manufacturing and supply of tungsten carbide tooling and wear parts. The company established as Vijayshree Toolings in 2009 and re-structured new company in 2017 as Vijayshree Wear Parts Private Limited. It has varied application experience in manufacturing of tungsten carbide wear parts and tools used in General Engineering, Oil and Gas, Electrical Stampings, Metal forming and Powder Compacting industry. The company has association with Japanese carbide manufacturer Sanalloy Industry Co. Ltd, having experience of more than 50 years. Innovative Technologically, Advanced product and technical support is available from its Japanese principals. Consistent quality, on time supply and reduced cost per component are the Company's strength; and its mission is to reduce customers cost per component with the Company's advance Tungsten Carbide Material.



Contact:

**Vijayshree Wear Parts Pvt Ltd**  
Ashoka Vihar, 2<sup>nd</sup> Floor, H2/8, XLO Point Ambad  
Nashik, Maharashtra 422 010  
Mob: 98226 53841 / 81493 69430 • E-mail: [contact@vjtl.in](mailto:contact@vjtl.in)

## Grab Buckets

Eddycranes manufactures ELMECH make grab buckets of single rope hook on type or four rope types to suit specific requirement. The grab buckets are produced for 0.5 cu m to 15.0 cu m capacity to satisfy specific bulk density of material handled. ELMECH single line self-dumping hook on type grab buckets are string operated and can be connected to any conventional EOT cranes or Electric Hoists. Four rope type grab buckets are specially suited for grabbing crane operation. They are already operating in various industries such as fertilizers, sand foundry, coal handling, single super phosphate factory, slag granulation plants, river sand excavation sites, etc. ELMECH grab buckets are made from IS: 2062 quality steel with hard faced knife edges up to RC45. Hard faced teeth are also provided for specific application.



Contact:

**Eddycranes Engineers (P) Ltd**  
3/23 Tardeo A/C Market, Tardeo, Mumbai 400 034  
☎ 022 – 2352 2710 / 2352 5103 • E-mail: [info@eddycranes.in](mailto:info@eddycranes.in)

## Sheet Metal Cutter

Fein Power Tools India offers Sheet Metal Cutter with features: this supercut automotive is the unique oscillating power tool on the market, and its performance is consistently focused on the needs of tough sawing and cutting work. Fein has therefore developed an oscillating power tool that ensures outstanding work progress in a multitude of applications in the automotive sector; most of the Fein Supercut benefits from a cordless tool that delivers the same performance. Both the Fein supercut automotive and its tailored accessories embody years of proximity to users and sound knowledge of the sector in their performance, reliability, user-friendliness, and durability, and they have been and are continuously optimized for all typical applications in vehicle glazing, cars, and cargo vehicles. The company develops application solutions for the market segments like metal, interior work, and automotive professional, and reliable power tools for craftsmen and industrial operations.



Contact:

**Fein Power Tools India Private Limited**  
S F No: 767/2B-1, Mayiladum Parai, Chettipalayam  
Coimbatore, Tamil Nadu 641 201  
Mob: 95000 56121, 84466 50501  
E-mail: [m.ameer@fein.in](mailto:m.ameer@fein.in)

## U-Bolt

Excel Metal offers U-Bolts. Their features are: these are manufactured using premium quality raw material and can be availed with extra long nuts and in full round, half round and square profiles as per the request; attributes include optimum quality, wear-tear resistance and corrosion resistance; and accurate dimension; corrosion resistance; high efficiency; high tensile strength; durability. The company established in 1996. Since then the company is engaged in manufacturing, distributing, supplying, exporting and trading of quality products. The complete assortment of products consists of stainless steel pipes and tubes, stainless steel buttweld fitting, stainless steel forged fitting, stainless steel flanges, stainless steel wires, etc.



Contact:

**Excel Metal & Engg Industries**  
Shop No.2, Bldg No. 7/11, 3rd PB Cross Lane  
6th Khetwadi Back Road, Mumbai 400 004  
Mob: 98194 59755, 99300 05444 • E-mail: [iffnkc@ymail.com](mailto:iffnkc@ymail.com)

## Hydraulic Press Brake

Technocrafts offers Hydraulic Press Brake, Profi 28. Its features are: with the press force of 280 kN (28t) and, for example, a bending length of 300 mm, user will be able to bend material up to 10 mm thickness; the standard tool holder system is Type Amada or Promecam; other systems are available on request; the side and height adjustable depth stops have stop fingers with 2 faces each; the extremely compact and robust structure of this machine and the twin guide at each side guarantees a repeatable accuracy of 0.02 mm; and the Profi 28 is easy to operate and bend angle by pressure with hand wheel. The depth stops are programmable with a control for up to 10 positions. The company is a trader and importer of a comprehensive range of new and second-hand industrial machinery.



Contact:

### Techno Crafts

Karve Nagar Road, Dnydeep Colony, Hingne Budrukh  
Karve Nagar, Pune, Maharashtra 411 004  
☎ 020 – 2542 5551 • Mob: 94223 19755  
E-mail: [technocrafts@vsnl.com](mailto:technocrafts@vsnl.com)

## Grid Casting Machine

Devaki Engineering offers Semi Automatic Grid Casting Machine, which is best suited for small scale and medium scale battery plate and battery manufacturers or for longer Industrial negative grid where the grid mould are heavy and manual casting are not possible. Its features: a simple equipment consists of a main frame on which the grid mould mounting block with grid mould opening/closing and grid ejection mechanism is mounted; various grid type moulds could be mounted on this. Grid mould opening and closing is continuous and the timing could be set. When the mould opens, the grid is ejected automatically. Trimming is not necessary since dropping legs are not provided and the gate portion is made for manual cutting; lead pouring could be manual or by a pneumatic operated ladle. Lead is generally poured either directly into the mould or into the ladle from the furnace.



Contact:

Devaki Engineering Enterprises Pvt Ltd  
395, 11th Cross Road, Ganapathy Nagar, Peenya III Phase  
Peenya, Bengaluru, Karnataka 560 058  
☎ 080 – 2836 0579 • E-mail: [info@devakiengineering.com](mailto:info@devakiengineering.com)

## AC Drives

Mifa Systems offers Motion Controllers/Variable Speed AC Drives. The features are: starting torque of 150% at 3 Hz; restriction of hazardous substances (ROHS) compliant; side-by-side installation due to advanced special alloy hybrid heat-sink; open loop v/f control; increased vibration resistance, from 20 hz to 50 hz (0.65g); dual rating: normal duty and heavy duty; preferred parameter feature; modbus communication up to 38.4 kbps; swing PWM function to decrease noise at low carrier frequencies; 1 in 10,000 failure rate; mean time between failures (MTBF): 28 years; reduction in mechanical parts to increase MTBF.



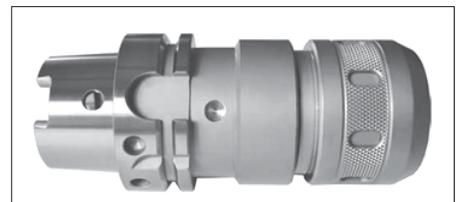
The company is a Indian exporters and supplier of temperature controllers, process control instruments, hot runner controls, A/C & D/C servo motors, PLC, MMI, SCADA, data acquisition, PH TDS conductivity, selective electrodes, industrial recorders, motion controls.

Contact:

Mifa Systems Pvt Ltd.  
7th, 702, Akik, S G Highway, Bodakdev  
Ahmedabad, Gujarat 380 015  
☎ 079 – 2687 0825 • Mob: 90161 05613  
E-mail: [sales@mifasystems.com](mailto:sales@mifasystems.com)

## Hi-Power Milling Chucks

Bilz Tool offers Hi-Power Milling Chucks. The features are: its high clamping force increases productivity and tool life. Performance roll-bearing clamping mechanism generates high frictional forces; high run out accuracy of 5 micron at 3rd increases service life. Perfectly sealed clamping nuts and anti-rust coating prevent contamination and extend the life of the holder; and its advantages include: less vibration leads to excellent surface quality; very high clamping force leads to improved productivity, and durability. The company systems are used worldwide in many different areas of application and on almost all types of machines. Their success is due to a continual process of new product development and enhancement of existing ranges. It has subsidiaries in England, France, India and the USA and is the leading manufacturer of clamping tools worldwide in the fields of tapping and high-performance tools.

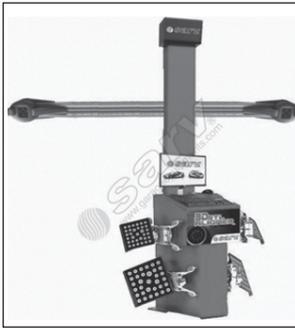


Contact:

Bilz Tool Pvt Ltd  
13-B, KIADB Industrial Area, Doddaballapur  
Bengaluru, Karnataka 561 203  
☎ 080 – 2807 9500 • E-mail: [sales@bilztool.com](mailto:sales@bilztool.com)

## Wheel Alignment Machine 3D-STL

Sarveshwari offers 3D-STL Wheel Alignment Machine. The features are: this is a plug and play machine; 5 mega pixels Sony camera made for fast and accurate alignment; adjustable camera exposure to align super big vehicles; Microsoft Windows XP compatibility alignment program; compatible with alignment pit/lifts; operate: mount the clamps-roll vehicle back or pull forward-obtain all; alignment readings in under dynamic measurements without rim; compensation, the basic parameters can be done in less than 2 minutes; in addition to the traditional basic parameters, certain extensive functions; like steering wheel, single wheel, and vehicle lift, etc; chassis align data online facility; precise measurements too can be done; this proven technology is matched with easy to-use software that will have technicians getting readings in a matter of minutes; universal wheel clamp and durable target plate. The company is driven by a vision of building the company with a large number of foreign companies for distribution and marketing of garage equipments in India. The company provides complete comprehensive solutions for the tyre maintenance.



Contact:

**Sarveshwari Technologies Ltd**  
355 Deepali, Pitampura, New Delhi 110 034  
☎ 011 – 2702 3750, 2702 1499  
E-mail: [info@garageequipments.com](mailto:info@garageequipments.com)

## MS Bolt Fasteners

Canco Fasteners offers MS Bolt Fasteners. The features are: these offered products are manufactured by using supreme quality raw material and modern machines; material – carbon steel 4.8, 5.8, 6.8, 8.8 grade are all available; finish – yellow/blue/white zinc plated, hot dip galvanised; stainless steel, grade 304, 316; DIN size – M6-M24; UNF/BSW size – 1/4"-1; bolt length made of carbon steel – From 40 mm to 300 mm; and bolt length made of stainless steel – from 40 mm to 400 mm. The company is a manufacturer and exporter of heavy duty anchors, general fixing anchors, light fixing anchors, self-drill anchors, pipe clamps, industrial safety products, packaging materials, etc.

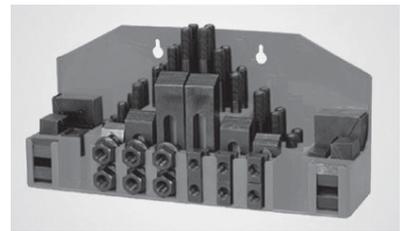


Contact:

**Canco Fasteners**  
B-6/2, Safdarjung Enclave, DDA Commercial Complex  
New Delhi 110 029  
☎ 011 – 4252 5500 • Mob: 98110 63537 / 98113 15315  
E-mail: [canco@vsnl.com](mailto:canco@vsnl.com)

## Clamping Kit

Preci-Tech offers a Clamping Kit, which is a complete set of coupling nuts, studs, flange nuts, step blocks and step clamps for complete set up operations. The set includes: 24 studs, 6 T-slot bolts, 6 flange nuts, 4 coupling nuts, 6 step blocks (2 each), 6 steel step clamps (2 each) and 1 holder. The stud size is 1/2-13 inch. The compa-



ny is engaged in this business for over a decade and deals with a varied range of CNC precision cutting tools and components products, as manufactured range as well as some marketed products. Manufacturing products include: collet chuck adaptors, side lock holders, face mill arbours, reduction sockets (MT taper), cylindrical/baby collet chucks, ER nuts and collets, pull studs, and clamping kits. Marketing range includes: indexable tool holders, boring bars, indexable cutters, U-drills, solid carbide drills/end mills, boring sleeves, soft jaws, customised tools as per requirement, all range of ISO inserts, and key and spares.

Contact:

**Preci-Tech Engineering**  
Aarti Soc, 40 Feet Road, Dhebar Road, Atika Industrial Area  
Bhakti Nagar, Rajkot, Gujarat 360 002  
Mob: 98257 47865, 88662 61241  
E-mail: [precitechtools11@gmail.com](mailto:precitechtools11@gmail.com)  
[precitecheng1@gmail.com](mailto:precitecheng1@gmail.com)

## SS Hex Head Bolts

Trychem Metal And Alloys offers SS Hex Head Bolt. The features are: made of high grade steel, these products have a sturdy and strong construction; acknowledged for their resistance against corrosion and high durability; AISI grades 202, 304 and 316 are the more commonly used material grades; stainless steel of grade 202 contains nickel of 5% and chromium of 18% and is the cheapest of the three grades. Stainless steel of grade 304 contains nickel of 8% and chromium of 18% and is the most commonly used grade for the production of fasteners; grade 316 contains nickel of 10% and chromium of 16% added with 2% molybdenum which gives the metal very high anti corrosive properties. The company is manufacturing and supplying, has developed into a trustful entity and pioneered the industry by providing optimum quality stainless steel product.



Contact:

**Trychem Metal And Alloys**  
154/156, Dr MG Mahimtura Marg  
Kumbharwada, Mumbai 400 004  
☎ 022 – 6659 5547 • Mob: 98337 46609  
E-mail: [info@trychemfitting.com](mailto:info@trychemfitting.com)

## Mobile Racking Storage System

Spangle Steel Products offers Mobile Racking Storage Systems. The features are: the strong and space efficient racks are manufactured and designed according to client requirements; also offered is an exclusive range of premium quality mobile racks for storage purposes; these mobile racking storage systems are stylish and durable, have superior finish, possess excellent visibility of stored items and have rotating wheels for easy mobility. The Company also supplies a range of products like mezzanine floors, slotted angle racks, pallets, library racks, office steel furniture, pre-engineered building and industrial sheds to name a few. These products are corrosion resistant and have flexible applications; also require low maintenance and give trouble-free installation. These products can be used in warehouses, godowns, malls, retail outlets, factories, libraries, banks, offices, logistic industries, workshops and site offices. The company has become a major steel products manufacturers with thousands of various kinds of racks already deployed, they are able to fulfil the warehousing and storage solutions for many different industries. Still, they are growing stronger by consistently manufacturing premium quality steel products.



### Contact:

**Spangle Steel Products**  
84, 16, Street No: 3, Mundka Udyog Nagar, Industrial Area  
Block 16, Karol Bagh, New Delhi 110 041  
Mob: 98187 48509, 98184 75845  
E-mail: spanglesteel@yahoo.in

## Wireless Device Server

Sparr offers Wireless Device Server - GSM, which provides full functional capability to serial devices to send SMS and data over GSM Network using GPRS. Available in board level or enclosed in metal box. Features: Wireless device server GSM enables you to connect serial devices to remote server over GSM/GPRS network quickly and easily; WDS GSM simplifies GSM/GPRS connectivity to devices in applications where mobility is required or cabling is impractical; available as a stand-alone box product for external connectivity; enables any device to send SMS messages without having to learn and implement complicated AT command set.

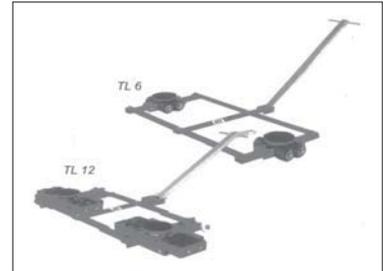
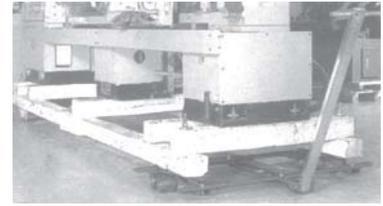


Contact:

**Sparr Electronics Limited**  
414A, 7th Main Road, HRBR Layout 1st Block  
Banawadi, Bengaluru, Karnataka 560 043  
☎ 080 - 2360 2836, 2360 6308 • E-mail: sales@sparrl.com

## GKS Transport Trolleys

GKS Engineering Private Limited supplies TL range of trolleys. For machines and heavy goods, which are not suited to three points of support (e.g frame construction) GKS TANDEM steerable trolleys are best specified for the job. They can be used together with the transport trolleys F3 to F12 as all share a common loading height. Facts on TL 6 - Transport trolleys steerable: 6 tons; Number of rollers 85 x 85 mm 8; Loading height: 110 mm; Swivel load pad dia with axial thrust bearing and non-slip rubber pad: 170/110 mm/o; Handlebar with pulling eye: 960 mm (without pulling eye); Adjustable positions between trolleys: 7/550-1150 no./mm; Unladen weight: 45 kg.



Contact:

**GKS Engineering Private Limited**  
C-4 SIDCO Indl Estate, Coimbatore, Tamil Nadu 641 021  
☎ 0422 - 267 2979 • Mob: 99421 32979  
E-mail: info@gks-india.com/office@gks-india.com

## Push Button Safety Quick Release Couplings

Siemag introduces the all new Push Button Safety Quick Release Couplings. The 2 Stage release mechanism prevents hose whipping that cause injury that could result from accidental disconnection. It also prevents scratches or damage to working surface due to the contoured body with round edges. Manufactured from shock resistant composite material, together with surface treated metallic components these QRCs ensure long life and dependability. On pressing the button once the air in the releases instantaneously and on pressing the button the second time the plug gets released from the socket. Features: 2 Stage Release Action; Press button once : instantaneous pressure relief Press button twice : Instant disconnection; Impact & Scratch Resistant; Eliminates Hose Whips; Contoured Body; Comply to ISO 4414. Application: Paint Shop / Die Tooling Shop; Use where safety is a major concern; Pneumatic tools and grinders; Blowing and cleaning applications.



Contact:

**Siemag Industries, Mumbai 400 063**  
Mob: 77188 75757 • E-mail: info@siemag.net

## Mechanical Recovery Blast Room & Paint Booth System for Paper Making Machine Manufacture Industry

MEC SHOT is a renowned name in Design, Development and Manufacturing Surface Preparation, Finishing, Shot Peening Machines, Media Conveying, Blast Room, Paint Booth and Dust Collectors and Accessories. MEC SHOT,



provides services of Air Operated Abrasive Blasting / Airless Shot Blasting and Shot Peening machines to various industries in India as well as globally since 1992. The Company is pursuing ISO 14001:2015, ISO 9001:2015 and



ISO 45001:2018 standards for abrasive blasting and peening machines manufacturing as well as its products are CE marked by MQA Certification accredited with UK SAF LIMITED Accreditation Board.

MEC SHOT provides various types of Custom built Automated or semi-automated machines, Dust Collectors and



effective by way of purchase or in operation.

Paper Making Machinery needs an impenetrable durable barrier to protect the steel from corrosion. These assets are large investments, and if they become prematurely corroded, impact profitability and reduce productivity.

Abrasive blasting will ensure the surface is ready for quality painting application, which lengthens the lifespan of the painting.

Recently, MEC SHOT has designed, manufactured, supplied and successfully commissioned a turnkey in-line Mechanical Recovery Blast Room and End Draft Type Paint Booth System for Paper Making Machine Manufacture



Industry that cut costs and improve both production rates. Also supplied Manual Trolley for conveying heavy and big components in blast rooms and Paint booth system.

Mechanical Recovery Blast Room Features:

- Full Floor Recovery with Bucket Elevator.
- Zero Speed Sensor in Bucket Elevator.
- Portable Blaster for Blasting.
- Cartridge Filter Type Dust Collector System.
- Manual Trolley for Job.

End Draft Type Paint Booth System Features:

- Inlet Filter of EU 5 grade.
- High Holding Andrae USA Paint Trap Filter.
- Axial Flow Fan with Exhaust hood.
- Manometer.

Contact:

**Mec Shot Blasting Equipments Pvt Ltd**  
**B-14, Parshvath Industrial Estate Yojna**  
**Khasra No: 160, Mogra Kalla, Tehsil - Luni**  
**Jodhpur, Rajasthan 342 802**  
**Ummed Singh, Head-Marketing**  
**Mob: 70147 31363**  
**E-mail: mail@mecshot.com**  
**Web: www.mecshot.in**

## GI Channels & Beams

Parco Engineers produces GI Channels and GI Beams. The GI Channels are ideal for supporting structural loads and providing a sturdy framework in any Construction and for Infrastructure Projects such as Bridges, Switchyard Structures, Crane Runway Fixings, etc. Specifications – 75 mm to 400 mm. The GI Beams are widely used in construction and infrastructure projects, Ship building, Factory Sheds, Conveyors, Boilers, Agricultural Equipment, Manufacturing of Truck-Trailers, EOT Cranes and its Gantries. The Company also offers GI Angles, GI Base Plates, GI Chequered Plates; GI Earthing Flats, Earthing Plates, Earthing Rods; GI Round Bars, GI Square Pipes, GI Perforated Cable Trays, GI Ladder Cable Trays, GI Electro forged Gratings, GI Handrails, GI Unistrut Channels, etc. Applications: Building strong foundations across industries like Architectural; Electrical and Utility; Marine (On shore and off shore); Thermal Power Plants; Infrastructures (Airports, Ports, Railways, etc.);



Contact:

**Parco Engineers (Mumbai) Private Limited**  
 401 Skyline Epitome, Nr: Jolly Gymkhana  
 Vidhyavihar West, Mumbai 400 086  
 Mob: 98192 78530 • E-mail: info@parcoengineers.com

## Optical Systems

Photon Controls offers a wide range of Optical Systems. Features: it is used for atomisation of process. The unit consists of transmitter, receiver and control unit. The range can be up to 5 to 10 metres. Any object passing through transmitter and receiver arrangement can be detected; the control unit has facility of sensitivity adjustment with which the sensitivity for transparent or opaque object can be set; the relay's T1 and T2 are also provided on control unit eliminating requirement of external timers. The unit is available in supply 24 V DC/ 110 V AC/ 230 V AC, and output is relay change over with contacts rated for 5 A at 230 V AC. The sensors can be housed in the required size and shape as required. The company is engaged in manufacturing of photoelectric switches and sensors from past seven years.



Contact:

**Photon Controls (India) Private Limited**  
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## EOT Cranes

Tacklers Engineering Pvt Ltd is a leading manufacturer of material handling equipment in India offers overhead travelling cranes manufactured by Techno include both Single Girder and Double Girder (EOT). These are designed and manufactured in accordance with IS/FEM/ASME. Single Girder Overhead Cranes capacity: 1 ton to 50 ton; and Double Girder Overhead Crane capacity: 1 ton to 250 ton. Also offers Goliath/Gantry Cranes with 1 ton to 200 ton capacity. These Cranes are ideal material handling equipment for various industries and project like factories, power stations, large water works, railway yards, Harbours, warehouses, yard sites, transporters, mines, heavy fabrication firms, etc. It finds numerous application such as loading and unloading, heavy pipe laying in trenches, erection of bulky equipment, shifting of heavy load, pre-cast segment/girder handling, etc.; Under Slung Cranes with 0.5 ton to 25 ton capacity. Jib Cranes, Pillar Mounted Jib Cranes, Complete Electric Wire Rope Hoists, High Lift Hoists, Curvature Hoists, New Generation Hoists, Flame Proof Hoists, Fix Suspension Hoists, etc. The Hoists find applications in Steel Plants, Power Plants, Oil and Gas, Constructions Site, Ware Houses, Heavy Fabrication Units, Railway Yards, Transporters, Mine Quarries, Harbours, Large Water Works, Marine, Cement, Textile, etc.



Contact:

**Tacklers Engineering Pvt Ltd**  
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Ahmedabad, Gujarat 382 445  
Mob: 98751 39466 / 93287 39901  
E-mail: salesho@tacklers.in

## Metal Products Fabrication

Tembo Global Industries Ltd (formerly Saketh Exim Ltd) manufactures and fabricates various steel products, which are meant for its application in Pipe hangers, Support Systems, HVAC Systems, Anti-vibration System and Equipments for construction in Industrial, Commercial, Utility and OEM Installations. The Company also manufactures metal and base metal products like GI nuts, various types of bolts, clamps, hangers, etc. Product Portfolio includes Anti-Vibration Solutions, Fasteners Solutions, Channel Supports, Dielectric Unions, Floor Drains, Hanging Attachments, Pipe Hangers, Roller Supports, Rubber Supports, Single Pipe, Transverse Brackets, Solar Accessories, Solar Mounting Brackets, SS Flanges, Threaded Rods, etc.

Contact:

**Tembo Global Industries Ltd**  
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Opp: Balmer Lawrie Vaan Leer, Navi Mumbai 400 705  
☎ 022 – 2762 0641 • E-mail: sales@tembo.in

## Plastic Recycling Machinery

DOLLPLAST Machinery Inc is engaged in the Plastic Recycling Field for more than two decades; and it is a complete solution provider and fully/partially Automatic Plastic waste Recycling Machine manufacturer. DOLLPLAST is one of the trustworthy manufacturers and solution providers of the plastic recycling machinery with world recognition. Products range for Recycling includes: Roller Dust Remover, Dust Remover with Cutting System, Simple Grinder and Wet Grinder, Pressure Wash Machine, Online Grinding Washing Drying Machine, Dewatering Machine, Pet Bottle Label Remover Machine, Agglomerator, Simple Mixture, Vertical Spiral Mixture, Tumbler Mixture, Hopper Screw Feeder, Recycling Extruder with Pelletiser, Bailing Machine (Compactor machine), Pulveriser, Plastic and Pulp Aerator Machine, Vibrator Screen, Bath Dryer for Articles, Compactor Machine, Grind-o-Wash Dry and Densifier Machine, Heavy Lumps Grinder/ Granulator (*Pix*), Friction Washer, Blade Sharpener, Hot Melt EPS Compactor, Storage Cyclo with Screw Conveyor, Single Stage Melt Compactor, etc.



Contact:

**Doll Plast Machinery Inc**  
496/1 Bhagylaxmi Industrial Estate  
Sola-Science City-Santej Road, Nr: Manpasand Weigh Bridge  
Rakanpur, Ahmedabad, Gujarat 382 722  
Mob: 98250 09064 • E-mail: dollplast@dollplast.com

## Venturi Scrubber

AQC Systems Pvt Ltd is a manufacturer and supplier of a wide range of Venturi Scrubbers. The features are: these scrubbers have longer durability, high efficiency and reliable performance; the venturi scrubber is offered after complete inspection; excellent performance; robust construction; longer service life; and it has a fine quality and is engineered in a precise manner. Optimal performance, at par with set industry parameters. The company is engaged in manufacturing and supplying a quality range of air pollution control equipment, dust extraction systems, paint booths, pulse jet bag filters, centrifugal blowers, bifurcated axial flow fans, etc.



Contact:

**AQC Systems Pvt Ltd**  
8 Maharani Chinnamma Road, Venus Colony  
Teynampet, Chennai 600 018  
☎ 044 – 2433 3675 • Mob: 93800 63339  
E-mail: aqcsystems@gmail.com

## Capacitors

Indtech Capacitors Pvt Ltd manufactures a range of Capacitors like Fan Capacitors, Motor Run and Starting Capacitors, Air Conditioner Capacitors, Washing Machine Capacitors, Motor Start Electrolytic, Agri-Duty Capacitors, Standard Duty Capacitors, Super Heavy Duty Capacitors, Power Quality Solutions, MPP Film and Electrolytic Capacitors, Single/Dual Motor Run Capacitors, etc.

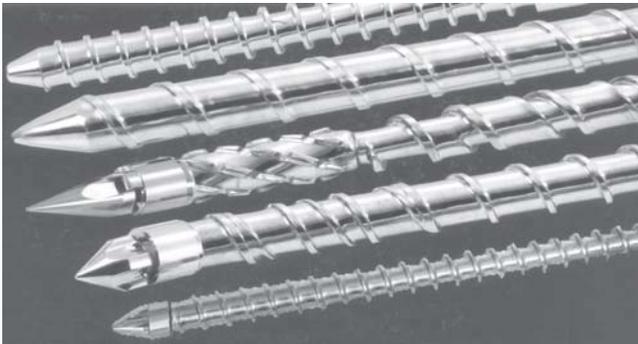


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## Injection Screws

Kaivanya Extrusion Technik supplies Injection Screws from dia 25 mm to 200 mm and length up to 6000 mm. Its Base Material: Screws are made of Nitroalloy steel (AISI 4340 Nitralloy 135M), SS (304, 316, 416, 17-4 ph.), Tool steel and



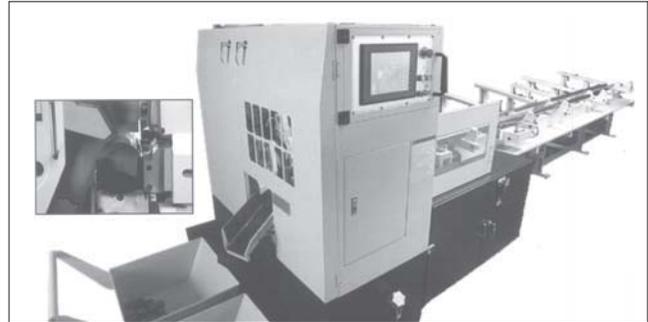
CPM tool steel. Universal Screws: Applied with Highly glass-filled materials, materials with metallic powders nor mica fillers and Shear sensitive polymers. Universal Screw with a Mixer: Applied with molding materials with color and additive concentrates, fiber reinforcements, thermoplastics and engineering resins. Barrier Melt - Pro Screw with a mixer: Applied with any polymer except rigid PVC. Double Barrier melt - Pro screw with a mixer: Applied with molding materials with color and additive concentrates, fiber reinforcements, thermoplastics and engineering resins. Applications: Injection moulding; Custom processors running a variety of resins; Virgin and regrind resin applications; Pre-coloured – Color additives; ABS, PE, PP, PET, PLA, MDPE, and PVC. Benefits: Custom-tailored for variety of resins; Intensive mixing with low temperature rise; Good melt homogeneity; Reduce shot cycle time; Increase moulding and cooling time.

Contact:

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☎ 079 -2273 0465 • Mob: 99798 79160, 94260 79160  
E-mail: kiran@kaivanyaextrusion.com

## JE 70 ATS C Fully Automatic Circular Saw Machine with Auto Loader

Janak Enterprises offers JE 70 ATS C Fully Automatic Circular Saw Machine with Auto Loader. Its Salient Features: Highly precise machine with the cutting length accuracy



±0.10 mm; the Company uses highly precise ball screw with the cutting servo motor drive for fast and precise length movement; Rigid and robust structure for cutting head movement over liner motion guide ways, which provides soundless and frictionless smooth movements of the head that increase blade life as well as cutting quality; Anti-backlash gear box gives soundless cutting and improves blade life with markless cutting. Automatic round/square bar loading arrangement (available optional); Automatic lubrication system for accurate and interval lubrication; Automatic scrap removal conveyor; Excellent cut surface finish, which does not require any after cut operation that improve productivity. Special designed electrical panel provides easy operation and maintenance Hydraulic wire brush for better cleaning of the Saw. Suitable to cut pipes with adjustable clamp pressure. HMI displays features like lot size and number of cut completed, next lot size, cut length motor current load, Hydraulic Pressure, etc. and general information for operator. Diagnostic feature shows fault, alarms, warning, caution and alerts, etc.

Contact:

**Janak Enterprises**  
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GIDC Chitra, Bhavnagar, Gujarat 364 004  
Mob: 99756 69481 / 96246 73737  
E-mail: vipul@janakent.com

## Industrial Process Instrumentation & Automation products

Radix Electrosystems Pvt Ltd offers Industrial Process Instrumentation and Automation products. The products range are: Electrical Meters, Level products, Building Automation products, Environment Monitoring products, Control Panels, Process Automation, Temperature Controllers Humidity, Pressure, and Air Quality products.

Contact:

**Radix Electrosystems Pvt Ltd**  
EL-225, Electronics Zone, TTC Industrial Area  
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## Pipes & Fittings

PNEUMSYS offers complete End to End solutions in the compressed air industry from point of generation to point of application. From the Air Compressor, Air Receiver, Air Dryer, Piping for the compressor, digital flow meters and pneumatic accessories like Air Hose Reels, Quick Release Couplings, and Air Blow Guns; and manufacturing its own range of industrial automation products in the field of pneumatics and low-cost automation products. The Company is supplying products for the Pneumatic, Hydraulic, Compressed Air, Oil & Gas, Petroleum, Cement, Steel, Power, Machine Tool, Packaging and Printing, Pipeline products, Mist system, Refineries, Food Grad, Railways, Aerospace, Defense and all applications requiring good quality and extremely reliable operations. Products range includes: Push Fitting Range (20 mm - 63 mm), Accessories (Manifold Block), Groove Fit Range (40 mm - 200 mm), Seamless/ERW Aluminium Pipes, Grooved Stainless Steel Range, John Guest Range, SS304/SS316L Pipes, SS Crimping Range, etc. These products are used in Industries like: Automobile, Aerospace, Defence, Electronics, Cement, Machine Tools, Oil & Gas, Railways, and Textile.



Contact:

**Luthra Pneumsys**

**Plot No: 31-34, Royal Industrial Hub**

**Bhiwandi Kaman Road Kaman, Thane, Maharashtra 401 208**

**Mob: 86554 27657 • E-mail: marketing@luthrapneumsys.com**

## Voltage Optimizer VIHA

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Contact:

**GES Energy Solutions LLP**

**GES Complex 401, 7<sup>th</sup> Street, Gandhipuram**

**Coimbatore, Tamil Nadu 641 012**

**☎ 0422 - 421 2658 • Mob: 98945 11181 / 98941 49999**

**E-mail: sales@gesstabilizer.com**

## Double Column Machines DCM Series

Macpower CNC Machines Ltd offers a range of Cutting-Edge Machines like Multi-axis machining centers to high-speed routers. Product lineup offers a comprehensive range of solutions to cater various manufacturing requirements. Each machine is engineered with meticulous attention to detail, incorporating advanced features and intuitive controls to optimize productivity and streamline workflows. DCM Series: Model Variants - DCM 2216; DCM 3216; DCM 3222; DCM 4222; DCM 1510; DCM 2112. In



today's competitive market, customers need robust Double column machine with un-compromised performance and specifications to produce world class products quickly accurately and with minimum non-productive time. Features - Structure and Frame: The rigid bed and step up structure are made out of grade 25 cast iron for more stability. It is ribbed to provide more rigidity and less distortion during cuts and faster production, with virtually no vibration. A totally revamped ergonomic structure and frame helps stabilize different machining operations with requisite precision. Standard Accessories - Roller Guide-ways, Work Light, Hand Wheel, Leveling Pad, Ring Coolant, Air Gun, Centralized Lubrication System, Pull Stud, Dry Air Cutting, Coolant Gun, Screw Conveyor Twin Type. Optional Accessories: Auto Door, Linear Scale, Stabilizer, Flush Coolant, Coolant through Spindle, Rotary Table, Rotary Tilting Table, Gear Box, Higher Rpm Spindle, Spindle Chiller, Tool Probe, Work Probe, Tooling Solutions, Chip Conveyor, 90 Milling Head (Automatic and Manual), AC Swiveling Head (Automatic and Manual).

Contact:

**Macpower CNC Machines Limited**

**Plot No: 2234, Near Kranti Gate, GIDC**

**Metoda, Rajkot, Gujarat 360 021**

**☎ 2827 287930 • Mob: 93277 55555 / 93777 87930**

**E-mail: sales@macpowercnc.com**

## Granulators

Wittmann Battenfeld India Pvt Ltd offers Slow, Medium, and High Speed Granulators, which has Advanced Granulating Technology for high regrind quality and low wear.

Contact:

**Wittmann Battenfeld India Pvt Ltd**

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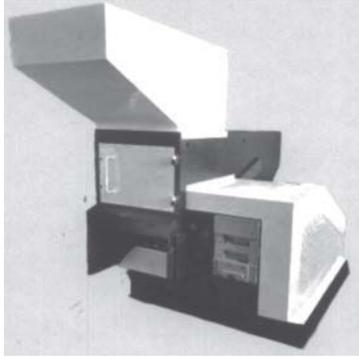
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## Single Shaft Shredder Machine

Raviraj Engineers offers Single Shaft Shredder Machine. Its Salient Features: Hydraulic Pusher with special block mechanism for easy maintenance; Higher material output; Shearing designed Rotor; High quality Gear box with special designed Rotor Shaft; Application for Lumps up to 25 kg and Pipes up to 50 mm, Thickness dia 400 mm and length 500 mm. The Company's products range includes: Plastic Grinder machine; Size Reduction Line; Friction Mixer, Vertical Mixer; Blades for Plastic Recycling machine; Man Cooler Fans, etc.



Contact:

**Raviraj Engineers**  
32-33 Ambica Industrial Estate, Nr: G D School  
Saijpur Bogha, Ahmedabad, Gujarat 380 045  
Mob: 93271 07351 / 73593 63738  
E-mail: ravirajengineers@yahoo.com

## DFC Couplings

Kulkarni Transpower Pvt Ltd manufactures Disc Flexible Couplings (DFC), which are made with Disc Set and Aluminium Hubs for clamping. These Discs are bolted alternately to the Aluminium Hubs from both sides of Disc Set. Disc Flexible Coupling (DFC) the three or five pieces assembly of 2 aluminium or 3 aluminium hubs and 1 or 2 stainless steel disc set. These 3 or 5 parts are assembled with bolts with precision. This assembly becomes a Backlash Free and High Torsional Stiff, precise, long life DFC. DFCs are more suitable for higher RPM, Temperature, uni-direction or bi-directions. Benefits of DFC: No maintenance, No lubrication, Uniform and Positive motion and power transmission, available in Unbored, pilot bore and finish bore and key-ways. Applications: Servo Motors, Stepper Motors, Ball-Screws, CNC machines, X-Y slides, Shaft Encoders, Tacho-generators, Medical equipments, Precise Spindles, and much more precise backlash-free motion and power transmission applications.



Contact:

**Kulkarni Transpower Pvt Ltd**  
B-103, Prestige Point, Nr: Dhariwal Institute  
Warje, Pune, Maharashtra 411 058  
Mob: 97644 44391 / 94220 07155  
E-mail: sales@ktpl.com

## Propeller Shafts

Evergreen Exports supplies Propeller Shafts, which are designed to be used in all types of automobiles and have immense strength thus increasing the performance of the engine. Features: these propeller shaft components assist in transmitting the drive force generated by the engine to the axles; these are designed as per the set international quality standards and thus does not break when used within the service limits expected of use; in addition, these are designed to suppress vibrations arising from a wide range of causes. The company has made a name for itself in the list of top suppliers of engines, engine parts and mounts, automotive gears and gear parts in India.



Contact:

**Evergreen Exports**  
No: 1625, PO Box: 2641, Hamilton Road, Chabi Ganj  
Kashmere Gate, New Delhi 110 006  
☎ 011 - 2393 4482, 2396 0268  
Mob: 98100 47336  
E-mail: evergreen@vsnl.com

## DC Motors

NBE Pvt Ltd offers DC Motors, are applicable most wherever variable speed control drives are used. The speed control of DC Motors by armature control or field control at constants torque and for constant continuous operation. The features are: the V-Weld Impart Heavy Strength to the yoke; Armature Lamination are of high Quality electrical grade steel (CRNGO); Commutator: Made From Silver-Copper alloy. Electrolytic Copper Segments insulated from one another with mica. Riser Connections are the TIG Welded; Armature windings are impregnated with synthetic resin and properly baked at designed temp. to give complete protection against damage from, acids and alkies; Main poles are made from thick laminations (G.I.Sheet); and High - Electro - Graphite carbon brushes used.



Contact:

**NBE Motors Pvt Ltd**  
Tirupati Estate, Opp: Bombay Housing, Everest-Milan Road  
Saraspur, Ahmedabad, Gujarat 380 024  
☎ 079 - 2274 0546, 2274 1838 • Mob: 93270 49213  
E-mail: info@newbharat.com

## Liquid Ring Vacuum Pump PL 904 Series

PPI Pumps Pvt Ltd supplies Liquid Ring Vacuum Pump PL 904 Series. Features: Its Suction capacity: 5000 to 22000 m<sup>3</sup>/h; Power Consumption: 110 kW to 600 kW; Maximum Vacuum: 700 mm of Hg (G). This PL 904 Series pump is widely used in Pulp and Paper, Sugar Mill, Sugar Refinery, Power Plant and Process industries. The Company's products range includes: Two Stage Vacuum Pump, Close Couple Vacuum Pump, Twin Lobe Roots Blower, Single Cone Vacuum Pump, etc.



Contact:

**PPI Pumps Pvt Ltd**  
14 & 16-C, Phase I, GIDC Estate, Vatva  
Ahmedabad, Gujarat 382 445  
☎ 079 – 2583 2274 • Mob: 9904 06775  
E-mail: sales@ppipumps.com

## Pillar Mounted Jib Cranes

Tacklers offers Pillar Mounted Jib Cranes. Features: MS Gusset plates/thick base plates giving added rigidity to column; Mast fabricated from pipe/rolled steel sections; Jib arm fabricated from heavy section I-Beam and triangular truss construction/Plate Fabrication; Bearing-double roller self-aligned, thrust roller bearing to take care of horizontal and vertical loading as well as radial thrust; Swivelling through manual chain at the end of Jib arm or Electric (if required); Base plate drilled to take holding down bolts; Available with 180° and 360° swiveling boom. Tackler's products range includes: Single Girder, and Double Girder Overhead Cranes, Goliath/Gantry Cranes, Under Slung Cranes, Electric Wire Rope Hoists, etc.



Contact:

**Tacklers Engineering Pvt Ltd**  
Plot No: 613, Phase-IV, GIDC, Vatva, Ahmedabad, Gujarat 382 445  
☎ 079 – 4032 3330 • Mob: 93287 39901 / 93770 39904  
E-mail: info@technoind.com

## Rubber & Plastics Packaging Products

UD Pharma Rubber Products manufactures Rubber and Plastic Products for Pharmaceutical industry. The company's products range includes: Dropper Assembly in different types, sizes and colours and as per customers specific requirements; Rubber Teats; Rubber Stoppers; Diagnostics Packaging products; Measuring Cups; etc.

Contact:

**UD Pharma Rubber Products**  
Plot No: R-58/1, TTC Industrial Area, MIDC  
Rabale, Thane Belapur Road, Navi Mumbai 400 701  
☎ 022 – 2769 6262 • Mob: 98211 99941  
E-mail: info@udpharmaproducts.com

## Zero Hold up Filter Press

The filter press is a solid liquid separation device using the principle of pressure feeding. It is highly efficient, compact, dewatering device for separating solids from liquid slurries in the form of compressed cake. It has wide range of applications by several industries like Pharma, bulk drugs, distilleries, beverages and other industries. Salient Features: Single pass filtration with no solid bypass; Full batch recovery, no separate scavenging system needed; Proper sealing, which allows the filtration of volatile, toxic and inflammable products; Plate pack arrangement ensures any type of filtering media singularly or in combination, can be used to achieve required micron efficiency, Easy removal and cleaning of the cartridge assembly; Closed System ensures filtration of toxic, hazardous, explosive materials, efficiently cleaned and sterilized; Central feeding ensures no solid inside the vessel, complete recovery of liquids; Uniform filter-aid bed can be formed; Jacket can be provided for hot filtration and cooling; Available Model 8", 14", 18", 24", and 33"; and with centrifugal/gear/lobe pump. KPM Pharma Machineries is a supreme name involved in the manufacture and export of top quality pharmaceutical, chemical and Allied machinery. The Company manufactures these machines using high grade steel that is procured from reliable vendors to ensure quality of end products.



Contact:

**KPM Pharma Machineries**  
Unit No: 212, 2<sup>nd</sup> Floor, Centre Point, Sativali Road  
Valiv Phata, Vasai East, Dist: Palghar, Maharashtra 401 208  
Mob: 98333 44890 / 96533 34812  
E-mail: kotharikpm1@gmail.com

## Nickel /Titanium Alloys

Aries Alloys has drawn together under one roof of the total spectrum of trading, stockholding and processing activities in Stainless Steel, Nickel Alloy, Titanium Alloy, Stainless Steel Lead in the shape of Sheet, Plate, Pipe, Tube, Round Bar, Rod, Wire Rod, Forged product, Welding Electrodes, Filler Wire, Flux Cored Wire, Welding Flux, Powder, Scrap, etc. The Company deals in products having wide applications in various industries such as: Nuclear and Thermal; Refineries and Petrochemicals, Oil & Gas, Surgical, Engineering & Fabrics, Valves and Pump Industries.

Contact:

**Aries Alloys**  
Shop No: 3, 327 Makharia House, Opp: 7<sup>th</sup> Lane  
Sardar Vallabhbai Patel Road, Khetwadi, Mumbai 400 004  
☎ 022 – 6666 6660 / 6615 9052 • Mob: 85915 44308  
E-mail: sales@ariesalloys.com

## Valves, Pipes Fittings & Piping System

Dipflon supplies a range of PTFE/PFA/FEP/PVDF/PP Lined valves and pipes fittings, which includes Ball check valves, SS ball valves, Lined ball valves, Diaphragm valves, Plug valves, Butterfly valves, Swing check valves; Spool pipes, Dip-pipes, Reducers, Equal cross, Red tee; Dis piece and spacers, expansion bellows, etc.



Contact:

**Dipflon Engineering & Co**  
B-413, BG Towers, Near Delhi Gate  
Shahibaug Road, Ahmedabad, Gujarat 380 004  
☎ 079 – 2562 4003, 2562 4169 • Mob: 099244 99948  
E-mail: info@dipflon.com

## TEFLON®/PTFE Foo Grade Non-Stick Coating - TEFCOT™

Blinex offers TEFCOT™ PTFE Coatings, which has got good-non-stick, self-lubricating, heat resistant and chemical fume resistance. The coefficient of friction is extremely compliant for direct food contact uses. Operating temperatures are generally -100°C to +260°C. TEFCOT™ coatings are FDA compliant for direct food contact uses. Operating temperatures are generally -100°C + 260°C. Other characteristics include good abrasion resistance and non-wetting. PTFE Teflon coating application thicknesses can range from 25 microns to 50 microns.

Contact:

**Blinex Filter-Coat Pvt Ltd**  
A3 Nand Bhuvan Industrial Estate,  
Mahakali Caves Road, Gokul Nandanvan Co-Op. Society,  
Radha Krishna Nagar Shanti Nagar  
Andheri East, Mumbai 400 093  
☎ 022 – 6596 6219 • Mob: 98920 60191  
E-mail: blinex@vsnl.com

## Heavy Duty Welding Gloves

Sawalka Kel Pvt Ltd offers Heavy Duty Welding Gloves. Features: Palm and Thumb with heatproof leather; fully lined with 100% wool fleece; Aluminized Para-aramid fabric, back; EN388:2016-4144X, EN407 – 423142. Also supplies Aluminized Protection range like: Aluminized Apron, Alum Long Vest, Alum Jacket & Trouser, Alum Gloves, Alum Hood, etc.



Contact:

**Sawalka Kel Pvt Ltd**  
5A Robinson Street, 3<sup>rd</sup> Floor, Kolkata 700 017  
☎ 033 – 2287 8117 / 2492 8117 • Mob: 70440 90501  
E-mail: gloves@sawalka.net

## Mobile Platform Ladder, FPM 1000 Series

Sumip Composites offers Mobile Platform Ladders, FPM 1000 Series available up to 15 ft height. Its features include: non conductive/shock proof; light weight; corrosion resistance; high strength; UV stabilised; flame retardant; the ladders are made from pultruded FRP section as side rails and non-skidding aluminium/pultruded section as steps; all products are manufactured as per international standard like NEMA, ANSI; and are tested for mechanical and electrical strength at CI-PET, ERDA, etc. The company is known for the quality performance of its fiberglass products be it



Ladders, Cable Trays, Trefoil clamp, Street Light Poles, Luminaires, etc. Sumip is promoted by a group manufacturing industrial electrical and instrumentation products for last three decades, specially designed for the use in critical environment. Fiberglass products were specifically developed due to demand from the valued wide client base.

Contact:

**Sumip Composites Pvt Ltd**  
310-312 Sahjanand Palace, 100 Feet, Anand Nagar Road  
Satelite, Ahmedabad, Gujarat 380 051  
☎ 079 – 2693 3456, 6541 6382  
E-mail: sales@sumip.com

## Precision Series Filter Regulator

Features: Siemag Precision Series Filter Regulator are specifically designed for use in the process Instrument & Fluid power Field. It has high instrumental accuracy & large flow capacity. It has accurate flow & precise regulation characteristics. Also, it has rapid response & greater stability. These high capacity industrial combinations are compact & economical to provide clean, dry & regulated air for process instruments, diaphragm actuated control valve, valve positioners transmitters, air cylinders and I to P Convertors etc. All PRS Models have a large outlet volume for greater stability & built in aspirating characteristics to maintain controlled pressure over wide range of flows.



Contact:

**Siemag Industries, Mumbai 400 063**  
Mob: 77188 75757 • E-mail: info@siemag.net

## MEC SHOT Spl. Pressure Blaster Machine for Mining Digging Tools Bits and Earth Moving Equipments Parts

In the demanding world of mining and earthmoving, maintaining optimal performance of digging tools and equipment parts is paramount. Abrasive blasting is used on mining digging tools and earthmoving equipment parts before coating and painting primarily to ensure optimal adhesion of the protective layers. This process removes contaminants like rust, scale, and old paint, and creates a roughened surface profile that allows coatings to grip effectively. This leads to longer-lasting and more durable finishes, preventing premature failure due to corrosion or wear.



'MEC SHOT' design, manufacture and supplied Special Purpose Pressure Blaster Machine, Model: PB-303030 SPL. for ultimate solution, combining powerful blasting capabilities with specialized features to deliver unparalleled cleaning and maintenance for the toughest challenges.

**Versatile applications:** Mining digging tool bits: Effectively clean and prepare drill bits, cutter heads, and other digging tools for optimal performance; Earthmoving equipment parts: Ideal for cleaning components like tracks, gears, hydraulic cylinders, and other vital parts of excavators, loaders, and other heavy machinery.

**Key benefits:** Extended equipment lifespan: Regular, thorough cleaning prevents corrosion and wear, significantly increasing the lifespan of your valuable tools and parts. Reduced downtime and maintenance costs: By addressing wear and tear proactively and maintaining optimal equipment functionality, you can reduce unforeseen breakdowns and costly repairs. Enhanced operational efficiency: Clean equipment performs better and more efficiently, leading to increased productivity and profitability. Improved safety: Reduced mechanical failures and better functioning equipment contribute to a safer working environment for your crew. Compliance with environmental regulations: Efficient cleaning practices can minimize pollution generated by mining machinery, helping you meet environmental standards. This specialized pressure blaster machine is designed to effectively prepare earth moving parts for painting or coating by thoroughly cleaning and texturing their surfaces.

### Here is a detailed features/specification of the machine:

**Acoustic Sound Proof:** Cabinet + Pulsejet Cartridge Dust Collector + Fan - all sound proof to meet sound level 80 dBA. **Motorized Work Car and Turntable:** The machine features a motorized work car with Photo Sensor for safety that carries the job into the blasting cabinet. A motorized turntable, mounted on a track extension, ensures the parts can be rotated and positioned accurately for blasting on all surfaces. Also provide load cell for controlled rotation of Job while simultaneously measuring its weight.

**Media Recovery System:** A mini hopper media recovery system, complete with a pick-up duct and plenum for suction, efficiently collects and reclaims used abrasive media. This system reduces waste and minimizes operational costs. It is also compatible to add Bucket Elevator System with Zero Speed Sensor for running different media. **Pressure Pot and Reclaimer Unit:** A 10 CFT pressure pot stores and pressurizes the abrasive media, which is then fed into the blasting system. A reclaimer unit further separates dust and contaminants from the used media, ensuring clean abrasive is recycled for optimal blasting performance. York sensor is there to slow the flow rate; **Pulsejet Cartridge Dust Collector:** The machine incorporates a pulsejet cartridge filter dust collector with twin cyclones, effectively capturing dust and debris generated during the blasting process. A centrifugal exhaust fan with a silencer, outlet duct, and chimney further minimizes dust emissions, ensuring a safe and clean working environment. **Air Wash System:** An inside cabinet air wash system enhances the cleaning process by removing any remaining dust or fine particles from the blasted parts. This ensures a superior surface finish and improves the adhesion of subsequent coatings or paint. **Gun Reciprocation:** Horizontal and Vertical gun reciprocation systems allow for precise and consistent blasting of both external and internal surfaces of the earth-moving parts. Both reciprocation stroke is variable and may adjust as per job size and blasting require area; **Control Systems:** A pneumatic control panel and electrical control panel, with Siemens Make PLC & SCADA system programming in which numerous recipes can make to provide comprehensive control over the machine's operations. This allows for precise regulation of blasting parameters, automation of the blasting process, and enhanced safety features. Also Provide Desktop Panel for Operator easiness. We follow UL 508A certification standard for the construction of Electric Control Panels.

**Benefits:** High Efficiency: The motorized work car, turntable, and gun reciprocation systems enable efficient and automated blasting of complex parts. Abrasive Savings: The media recovery and reclaimer unit significantly reduce abrasive consumption and operating costs; Superior Surface Finish: The air wash system and efficient blasting ensure optimal surface preparation for painting or coating; Environmental Compliance: The dust collection and exhaust fan minimize emissions, ensuring compliance with environmental regulations; Enhanced Safety: Provide Sensor for moving parts for specified automated controls protect the operator from exposure to abrasive media and dust. Machine add on Features: Robotic Arm; Magna Valve; Dual Media can be used; Offline and Online Shot Classifier.

Contact:

**Mec Shot Blasting Equipments Pvt Ltd**

**B-14, Parshvnath Industrial Estate Yojna**

**Khasra No: 160, Mogra Kalan**

**Tehsil Luni, Jodhpur, Rajasthan 342 802**

**☎ 0291 – 274 0609, 274 4068 • Mob: 70147 31363**

**E-mail: mail@mecshot.com**

## Reed Switches

Reed Switches consists of a pair of flexible reeds made of a magnetic material, and sealed in a glass tube filled with inert gas. The reeds are overlapped but separated by a small gap. The contact area of each reed is plated with a noble metal such as Rhodium or Ruthenium, to provide the switch with stable characteristics and long life. Application of magnetic field, generated by a permanent magnet or a coil, to the reed switch causes both reeds to be magnetized. This produces an N-pole at the contact area of the one reed, an S-pole at that of the other reed. If the magnetic attracting force overcomes the resistive force caused by elasticity of the reed, the reeds come in contact (Pull-In) i.e. the circuit is closed. Once the magnetic field is removed, the reeds are separated again by the effect of elasticity of the reed (Drop-Out) i.e. the circuit is opened. The sensitivity of a reed switch is a measurement of the magnetic energy required to operate the switch. The unit of measurement is Ampere-Turn (AT), which is the current in a given coil, multiplied the number of turns on the coil. There are 30 different types of reed that include: General application, high power, high insulation resistance, low thermal emf, and mercury wetted. Reed Switches find application in vast areas like position sensing in doors; cell phones; satellite dishes, radio transmitters; microphones, automatic test equipment; copiers; scanners; appliances; security sensors; electronic energy meters; elevators/lifts; hoists, etc.



Contact:

### VG Electric

27 Amrit Niwas, 2nd Floor, 165 K M Sharma Marg  
Lohar Chawl, Mumbai 400 002  
☎ 022 – 4006 0293 • E-mail: sales@vgswitches.com

## Pressure & Temperature Indicator

Elite Instruments offers Pressure and Temperature Indicator. Special Features: Single Port Installation for Pressure and Temperature Measurement; Cost Effective; Excellent for HVAC Industry; Rustproof Design. Specifications – Accuracy: 2%; Case and Bezel: Black Steel/ABS Plastic; Pressure Element: Bourdon (Copper Alloy); Temperature Element: Bi-Metal Strip Coiled; Stem Diameter: 6 mm (Standard); Stem Material: AISI SS316; Dial: Aluminium; Pointer: Aluminium; Movement: Copper Alloy; Window: Sheet Glass.



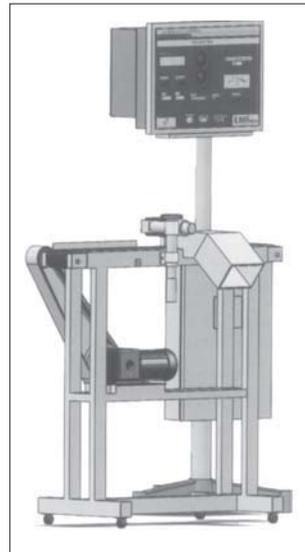
Contact:

### Elite Instruments

Special Plot No: 3, Phase-2, APIIC Industrial Park,  
Peddapuram, East Godavari Dist, Andhra Pradesh 533 437  
Mob: 72070 39801 / 88522 94678  
E-mail: sales@elite-instruments.com

## WAD Detection

LMI India offers WDM 2 – Wad Detection Machine. It employs Laser Technique to detect the presence/absence of wad inside the cap taking into account the following critical Parameters of the WAD to accept/reject the cap besides logging the data on real time basis. These parameters are vital in the pharmaceutical/food industry for in-process analysis. All the food and Pharma products are meant for safe consumption of the consumer and the manufactures desire that product remains usable till its expiration period. A Wad is a flexible pad inserted in the plastic or glass bottle cap. The wad serves the main purpose of complete and tight sealing of the cap onto its container thus preventing any spillage and long shelf-life of the product.



Contact:

### LMI India (P) Ltd

LMI Tower, B-95, Sector 8, Dwarka, New Delhi 110 077  
☎ 011 – 2536 5994 / 2536 5995 • E-mail: info@lmiindia.com

## Quality Helical Gears

Sri Dhanalakshmi Gears offers Superior Quality Helical Gears. The features are: these helical gears are manufactured incorporating the latest technology and making use of top-grade materials under the supervision of experts; these products are extensively used in various industries such as textile, packaging, printing, and many others; and their features include: quality tested; rugged design; abrasion resistance. The company is engaged in manufacturing and supplying a comprehensive range of industrial gearboxes, commercial gears, electric motors, and brake motors, along with electric motor repair service and gearbox repair service. The products are designed with precision, utilising high-grade materials and advanced technology, which make them unmatched as well as exceptional in terms of their performance as well as efficiency.



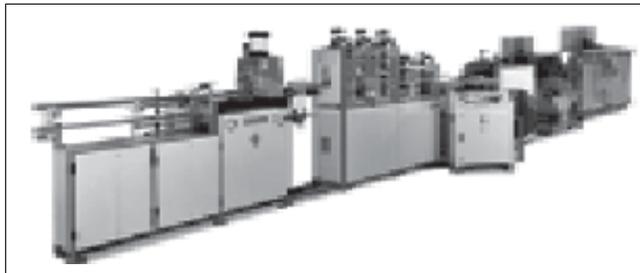
Contact:

### Sri Dhanalakshmi Gears

1/175 Vishaga Nagar, Nelambur PO, Muthalipalayam  
Coimbatore, Tamil Nadu 641 062  
Mob: 99769 70147 • E-mail: dhanalakshmigears@gmail.com

## Edge Protector Making Plant

K U Sodalamuthu And Co Pvt Ltd, an ISO 9001: 2008 Company, offers Sodaltech Edge Protector Making Plant is made heavy duty to produce high strength paper edge protec-



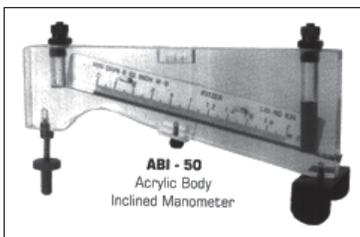
tors and 'U' Profile channels which are very ideal to prevent damages to edges of various palletized goods and circular goods like paper reels, steel coils etc. The machine is rugged, yet easy to use. It has facility to interchange profile design and variable speed drive for faster setting and control of process wastage. The future of packaging lies in the recyclability of most of the packaging materials. Edge protector is an environment-friendly product using strong paper board which is easily recycled. The use of edge protectors eliminates the damage to edges and corners in handling, warehousing and transport operations.

Contact:

**K U Sodalamuthu And Co Pvt Ltd**  
428 Mettupalayam Road, Coimbatore, Tamil Nadu 641 043  
☎ 244 1223 • E-mail: sales@sodaltech.net

## Acrylic Body Manometers

Fitzer Instruments offers solid acrylic body U-tube, inclined and single limb type manometers, which are accurate and dependable as well as highly versatile for many applications. Scales are graduated to correct for the drop in the well level for inclined and single limb manometer for high accuracy. General specifications – Body: fabricated in 25/32 mm thick



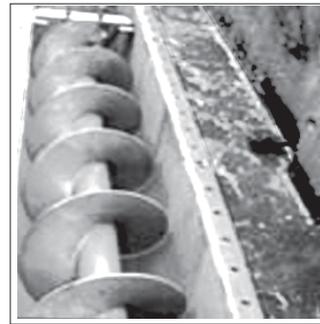
acrylic plastic solid block virtually unbreakable stable and free from distortion; Scale graduation: plastic milky white printed scale; Manometric fluid: red gauge oil, specific gravity 0.823; End connection: 1/4" BSP (F) or PVC nozzle type; Packing: Neoprene/PTFE; Mounting: wall panel and flush mounting holes; Accessories: Plastic box contains liquid storage bottle and liquid filling funnel arrangement – zero adjusting knob, level bulb; Accuracy:  $\pm 0.25\%$ ,  $\pm 0.1\%$  of FSD or better; Test pressure: 1.5 time of operating pressure; and Temperature: below 70°C.

Contact:

**Fitzer Instruments Company (India)**  
Atali, Near Ambivali Station (W), PO: Mohone  
Tal: Kalyan, Dist: Thane, Maharashtra 421 102  
Mob: 86918 16354 / 86918 16355 / 86918 16356  
E-mail: fitzergujarat@rediffmail.com

## Screw Conveyors

Screw Conveyor is among the simplest and most versatile type of Material Handling Equipment. MASYC offers – Standard Pitch, Short Pitch, Variable Pitch, Double Flight, Tapered Flight and Ribbon



Flight Screw Conveyors to suit various applications. The Screw Flights are formed on the hydraulic press so as to maintain accurately the screw dia, pitch and the helix angle. Single Shaft, Double Shaft Paddle Conveyor mixers are also available. Screw conveyors handling highly abrasive material can be designed without hanger bearings up to the length of 12 m. MASYC an ISO 9001: 2000 Company has a formidable presence in the market in Bulk Material Handling Systems and Equipments, and has more than 30 years of experience in turnkey execution of Bulk Material Handling Systems. Its products range suit all the requirements in different processing industries like Cement, Steel, Coal, Pulp and Paper, Glass, etc.

Contact:

**MASYC Projects Pvt Ltd**  
23 Community Center, Mayapuri Phase-I, New Delhi 110 064  
☎ 011 – 2811 5745, 2811 5453 • Fax: 011 – 2811 6850  
E-mail: masyc@masycproject.com

## Submersible Corrosion Resistance Pumps

MBH Pumps offers Submersible Corrosion Resistance Pumps – DS Series, SSPS, DCSS, SSNSS, which are high power, heavy duty dewatering pumps incorporating Special material for prolonged life of the pump for use in highly corrosive environment. Being Equipped with SS 316 / SS 3216L / SS 304 / Duplex parts, the pump delivers outstanding durability in long run. All of the parts of pumps that



contact fluid, including the impeller, pump casing, motor frame, strainer stand, and hose coupling, are made in SS. MBH all SS pumps can handle corrosive fluids generated in mines or quarries, and chemical fluids of low pH value along with sea water. Applications: Transferring and draining Seawater from Dockyards, Ports, Ship repair facilities and dry locks; Transferring corrosion resistance chemicals and fluids in Chemical Plants; Draining Corrosive fluids generated in mines and quarries; Dewatering Sea water in industries situated at Sea sides; Various water front development projects; and Aquaculture facilities.

Contact:

**MBH Pumps (Gujarat) Pvt Ltd**  
Plot 14, GIDC Indl Est, Naroda, Ahmedabad, Gujarat 382 330  
☎ 079 – 2282 3066 / 2282 1018  
E-mail: marketing@mbhpumps.com

## Transformer Protection Numerical Control & Relay Panel for 25 kV Traction

Alind make Control and Relay (C&R) panel comes in vertical, self-supporting, closed type steel construction. It is developed in such a way that optimum utilization of space on front, rear and side panels is made and all important hardware is on the front side panel. The inside of panel can be accessed from rear side of panel and for this, hinged type doors with locking arrangement is provided. Lifting hooks are provided on the panel for loading of panel for transportation.



Drawings of dimension details, circuits, terminals details, design and layout of equipment on the panels are provided along with the panel. The panel is fabricated from steel sheet of thickness greater than 3.0 mm for front, rear, doors and base panels, and greater than 2.0 mm for side, roof and door panels. The bottom portion of the panel is provided with detachable type steel sheet covers with suitable cable glands to facilitate entries of control cable from trenches to control panel. The panel is suitable for erection flush with the concrete floor by evenly spaced grouting bolts projecting through the base channels of its frame. The steel sheet as well as other steel works are properly treated and then an under coat suitable to serve as base and binder for the finishing coat is applied. To avoid rusting of the panels during service, pre-treatment through seven-tank process is done prior to painting. There is provision for power down mode for the system when the substation, where panel is placed is unmanned. In this case all the protection elements will function as usual but the alarm, annunciation/display and local acknowledgement features will remain out of circuit till the system is activated again. A separate front accessible ON/OFF switch is provided for this purpose. ALIND is a premier engineering industry in India.

Contact:

**Aluminium Industries Limited (ALIND)**  
Relays Division, Kavipuram, Vilappilsala PO  
Thiruvananthapuram, Kerala 695 573  
☎ 0471 – 2379 704, 2379 503 • Mob: 94960 06704  
E-mail: [contact@alindrelays.com](mailto:contact@alindrelays.com)

## Conveyors & Automation

IBK Engineers Pvt Ltd offers Conveyors such as Belt Conveyor, Roller Conveyor, Chain Conveyor, Slat Conveyor, Free Flow Conveyor, Varioflow Chain Conveyor, Bin Stack-er, and Automation.

Contact:

**IBK Engineers Pvt Ltd**  
B-219, 4<sup>th</sup> Cross 1<sup>st</sup> Stage, Peenya Industrial Estate  
Bengaluru, Karnataka 560 058  
☎ 080 – 2372 5544, 2372 6644 • E-mail: [ibksales@ibkart.com](mailto:ibksales@ibkart.com)

## Rotary Triple Twin Gear Pump Type NDX Series

Del Pd Pumps & Gears Private Limited supplies Rotary Triple Twin Gear Pump Type NDX. NDX Series pumps are designed to handle bulk volume of viscous and semi viscous liquids quite efficiently at medium pressure up to 11 bar. This pump can be coupled directly with drive as impeller speed reduction is made possible within pump, making it very compact and cost economical and thereby



reducing the overall cost, and space. The timing gear reduces the noise level and enhances the working life of the pump. This pump out performance twin Screw pump in all aspect in this range and they are suitable for wagon decanting, cargo-unloading of various viscous liquids such as edible oils, Fuel oils, viscous chemicals, etc. Step-down Versions are also available. Type MDX comes without reduction gears whereas Type JDX comes without timing and reduction gears and Type JDB is with bush bearing suitable for molasses applications. Size: from 5" to 12" NB (Flanged to ASA 150 Class); Capacity from: 80 m<sup>3</sup>/hr to 550 m<sup>3</sup>/hr; Pressure: up to 11 kg/cm<sup>2</sup>, viscosity is up to 1,00,000 CST, and temp. up to 110°C.

Contact:

**Del Pd Pumps & Gears Private Limited**  
Plot No: 113, GIDC Estate, Wadhwan City  
Surendranagar, Gujarat 363 035  
☎ 02752 – 243 047 / 243 464 / 243 678  
Mob: 99988 17576 • E-mail: [info@delpump.com](mailto:info@delpump.com)

## Belt Grinder Attachment Arms BSVA

PFERD offers Belt Grinder Attachment Arms BSVA. The features are: the belt grinder attachment can be pivoted on the corresponding drive system or hand piece, allow-



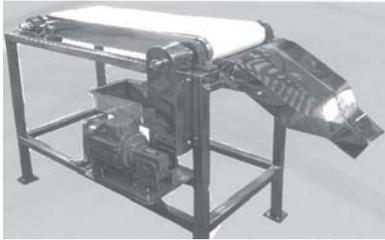
ing flexible adaptation to each individual work situation; its advantages are: Easy, quick belt replacement due to spring clamping. Highly precise belt guidance is due to adjustable belt clamping force and a fixable belt arm; a sturdy steel design allows for use of the full roller width; extremely slim fixing lugs are on the facing roller; and asymmetrical arms allow for flush lateral grinding. The company is engaged in the development, production, and support, as well as in the distribution, of tool solutions for work on surfaces and material cutting.

Contact:

**PFERD**  
467 B-Block, AECS Layout, Kundalahalli PO  
Bengaluru, Karnataka 560 037  
☎ 080 – 4218 7117 • Mob: 98806 65415 • E-mail: [sales@swit.in](mailto:sales@swit.in)

## Magnetic Roll Separator

Electro Flux Equipments Pvt Ltd offers Magnetic Roll separator. As the product on the belt passes over the Rare-Earth Magnetic Roll, Ferrous Particles stick to the belt while the Non-Ferrous particles fall freely off the belt into the Non-Magnetic chute due to centrifugal force. This is used to remove fine iron contamination from the products such as: Silica sand; Quartz; Magnetite; Feldspar; Dolomite; Food products; Chemicals; Ceramics, etc. The magnetic separator consists of Hopper, Electromagnetic Feeder with Dimmer Control, Roll Construction, Drive Motor, adjustable splitter Plates and Control Panel. The Company's products range includes: Magnetic Drum Separator, Magnetic Grill and Housing, Plate Magnet, Hump Magnet, Magnetic Floor Sweeper, Furnace Charger, Electromagnetic Feeder, Electro Mechanical Feeder, Bin Vibrator, etc.



Contact:

**Electro Flux Equipments Pvt Ltd**  
No: 76 A (NP), 11<sup>th</sup> Street, SIDECO Industrial Estate  
Ambattur, Chennai 600 098  
☎ 044 – 2957 0945 • Mob: 94443 91123  
E-mail: [marketing@electrofluxpvtltd.com](mailto:marketing@electrofluxpvtltd.com)

## Pressure Gauge

Atlas Industrial Stores offers Pressure Gauge. Features are: this pressure gauge is perfectly suited in industrial and process applications; and is developed to be used in valve positioned, air filters and regulators; offered in number of dimensions and is customized according to requirements of clients; this gauge does not break and is free from defects; its applications include: petrochemicals, pharmaceutical, power, cement, sugar, food and beverages, pulp and paper and allied process industries. The company is one of the prominent manufacturers, suppliers and traders of Measuring Hygrometer, Alarm Gauge, Contact Gauge, Clamp Flow Meter, Dipping Tape, Level Sampler, Board Indicator, Magnetic Level Indicator, Sight Flow Indicator, Level Switch, Remote Seal, Pipe Fitting Spare, Ball Valve and many more products.



Contact:

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Librathem Instruments Pvt Ltd offers Data Logger and Process Scanner. Key Features: Input: All Thermocouple, RTDs, Voltage and Current Signals; Input Type selection



through keyboard; Standard models of 8 and 16 channels; Simultaneous Process Monitoring/Data Logging of up to 4 channel; Log/Data Storage interval from 30 seconds to 99 minutes; Data Acquisition Software for Windows PC; 21 CFR/Part 11 compliant software version available; Built in memory for 150+ days data storage at 30 minutes log interval; Direct Printer Output available; Suitable for all Industrial and laboratory data logging applications. Applications: To monitor bearing/winding/oil temperature in Distribution Power Transformer/Generator; To monitor and Log the temperature at various locations in Furnaces/Ovens/Engines/Heating systems like Boilers/Heat exchangers, Hot Air generators/Thermic Fluid heaters, etc; To monitor and Log the Pressure points at various locations in the Water/Liquid/Gas pipelines; To monitor and Log the Temperature and/or Humidity levels at various locations in the Warehouses, Data Centre Rooms, Cold Storages, Calibration Laboratories, Green Houses; To monitor and Log the real time values of Temperature / Current / Voltage in the Electroplating Plants, STP/ETP, etc.

Contact:

**Librathem Instruments Pvt Ltd**  
401-403 Diamond Indl Estate, KP Road  
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☎ 022 – 4255 5333 • Mob: 98700 11544  
E-mail: [librathem@librathem.com](mailto:librathem@librathem.com)

## Universal Testing Machine

Chir-Ayu Controls Pvt Ltd offers Testing Equipment for the construction industry. It supplies HPU 200 Series Automatic PC Controlled Universal Testing machine. Features: PID Closed Loop Servo Controlled System; Front Open Hydraulic Grips; High Accuracy with load Cell; High Stiffness Rugged four column frame; Class 1 Range from 1% to 100% of full Scale; Second Frame: Up to 5000 kN Compression; Loading and Unloading Cycles for E-modulus Test on concrete; 2-Channel for load, 6-Channel for Displacement and 4-Channel for Strain Gauges.



Contact:

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Contact:

**MVSACMEI**

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## Pre-Mixed Trace Metal Acids

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**Briti Scientific**

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Hyderabad, Telangana 500 055  
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E-mail: sales@britiscientific.com**

## CNC Machines Z-Axis Tool Setters to Measure Length of the Tool

Vishal Precision Products Pvt Ltd offers CNC Machines Z-Axis Tool Setters to Measure Length of the Tool. Features: Reduce tool set-up times on CNC Machines and achieves higher machine utilization; Enhance the yield from your CNC machines with minimal investment; Setting accuracy of  $\pm 0$  mm (yes zero); In-Cycle Tool Breakage Detection; Elimination of Manual setting errors; Options available for VMC and HMC; Air-blast for cleaning the setting head. Specifications – Item BT2040-II – Repeatability: 1 micron; Pretravel Distance: 05 mm; Contact life time: 5 million; Travel Distance: 12 mm; Contact Force: 2.5 N; Standard Cable Length: Cable 3M/ Protect house 2.5 m; Over travel distance: 6 mm; Protection: IP687.



Contact:

**Vishal Precision Products Pvt Ltd**

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## Temperature Gauge

CPI Technology Pvt Ltd, an ISO 9001: 2015 Certified Co offers a range of Temperature Instruments, like Temperature Indicator/Controller; Head Mount Temperature Transmitter, FLP Temperature Indicator/Controller, Thermocouples, Cable Type RTD Sensors, Infrared Sensors, etc. Highlights of Temperature Gauge: It directly measure the temperature to indicate in analog; To measure the temperature gases/liquid; Bi-metal/Gas filled types; Capillary available; Different types of mounting. The Company's products range includes: Level and Flow Instruments, Flow Measuring Instruments, Portable Devices, Pressure Instruments, Humidity Measuring Instruments, Calibration Equipment, etc.



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**CPI Technology Pvt Ltd**

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Mob: 75758 08287 / 75758 08287  
E-mail: info@carepg.com**



## EXHIBITIONS ● FAIRS ● SEMINARS

### IMTEX 2026

IMTEX FORMING, organized by the Indian Machine Tool Manufacturers' Association (IMTMA) at the Bangalore International Exhibition Centre in Bengaluru, from 21 to 25 January 2026, is Asia's premier exhibition for metal forming and manufacturing technologies. IMTEX FORMING 2026 will take place across five halls, encompassing an exhibition area of approximately 46,000 square meters.

Exhibitors will showcase the latest technologies in metal forming. Innovations in metal forming technologies, robotics and automation, welding and joining, wire-forming and drawing, presses, die casting, hydroforming, sheet metal forming machines, presses for special applications, die and mold, hydraulic and pneumatic systems and elements, testing machines, and more will be on display.

#### Why attend IMTEX FORMING 26?

##### Discover Cutting-Edge Technology

Experience the latest advancements in machine tools, manufacturing technologies, and innovative solutions from leading companies worldwide.

##### Networking Opportunities

Connect with industry leaders, professionals, and innovators. Exchange ideas, build partnerships, and expand your professional network.

##### Live Demonstrations

Witness live demonstrations of state-of-the-art machinery and tools, giving you first-hand insight into the latest trends and technologies.

##### Knowledge Sharing

Attend expert-led seminars, workshops, and panel discussions on the future of manufacturing and technological

innovation.

IMTEX FORMING 2026 is more than an exhibition - it will be an experience that showcases significant advancements in metal forming technologies, new materials, digital technologies, and various other aspects related to the metal forming industry, all of which are presented to buyers from every industry sector.

The leading metal forming show in Asia, IMTEX FORMING 2026, is the most sought-after event for the manufacturing industry to visit, making informed decisions for business growth. With more than 50,000 visitors, the exhibition will enable you to lead conversations and forge lasting alliances.

##### Visitors

IMTEX FORMING 2026 attracts visitors from various manufacturing sectors across India and globally. It acts as a key gathering point for industry specialists from multiple sectors, including automotive, aerospace, defence, railways, power, medical, white goods, brown goods, construction, electronics, and many more. These engineers, technocrats, and policymakers evaluate, adopt, and implement advanced machine tool and manufacturing technologies.

The exhibition is a grand gathering of innovation, precision, and possibilities. It serves as a window for visitors to see the future of metal forming and manufacturing technologies through live demonstrations of machines. Machine tool companies provide compelling displays to showcase their latest breakthroughs for visitors.

Contact:

**Bangalore International Exhibition Centre**  
10th Mile, Tumkur Road, Bengaluru  
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## Industrial Products Source

### January 2026

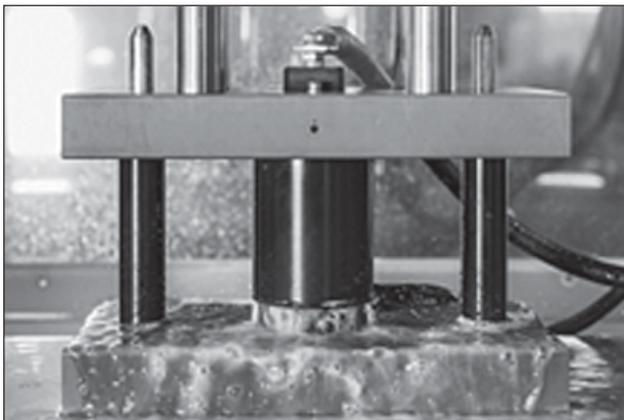
#### Chemical, Pharma, Bio-Tech &

#### Food Processing Packaging, Pollution Control Equipment

## Integrated post-cleaning with ultrasonic Inline Cleaning After EMC Deburring – For Residue-Free Strip Surfaces

**Electrochemical machining (ECM) enables high-precision deburring and rounding of workpiece edges using electrolysis. Pre- or post-cleaning ensures the stable functioning of the process and ensures that the surface finish meets defined cleanliness specifications. A manufacturer of ECM solutions therefore integrates ultrasonic cleaning modules into its individually manufactured systems.**

Founded in 2007, VULIC ECM GmbH & Co. KG initially focused on the development and manufacture of customer-specific devices (tools) and spare parts for electrochemical metal machining (ECM). Seven years later, the



In the ECM process, edges can be deburred and rounded efficiently and precisely. The machined parts are usually cleaned afterwards

first ECM system developed in-house followed with the V 500 machining center and the established service portfolio was expanded to include contract machining. The modularly designed standard and special systems and services of the Ottobeuren-based company are now in demand internationally from customers in the automotive, defense, aerospace and medical technology industries, among others.

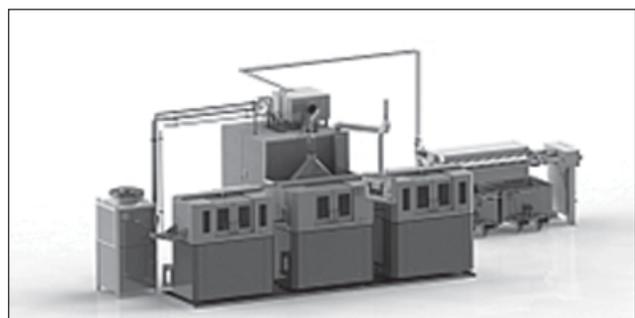
Integrated ultrasonic cleaning for stable ECM processes and high cleanliness

In ECM technology, burrs can be efficiently removed and edges rounded with high precision, even in hard-to-reach areas such as blind holes, bore intersections and pockets. For the non-contact process, the tool is connected to a direct current source as the cathode (negative) and the component is polarized as the anode (positive). The charge exchange takes place in a saline electrolyte solu-

tion, whereby the burrs are completely dissolved and removed from the working gap by the electrolyte. “For the quality and precision of ECM processes, it is crucial that the parts to be machined are free of oil and grease,” explains Sascha Haushammer, Sales Manager at VULIC ECM. “In addition, enormously increased cleanliness requirements usually require cleaning after the ECM process to remove electrolyte residues and any particles adhering to the component.” For these reasons, the system manufacturer has also been offering its machines with integrated modules for pre- and post-cleaning, for example with ultrasonic, since 2018 and also uses them in the service sector. VULIC ECM manufactures the cleaning tanks in-house to customer specifications, now also for applications without ECM. The company was looking for an efficient partner for the ultrasonic equipment.

Ultrasonic adapted to the respective application

One company for cleaning media recommended Weber Ultrasonics AG. The internationally active company develops and produces ultrasonic components for cleaning, welding and cutting. The generators for component cleaning are available in different frequencies, also as multi-frequency systems. In combination with frequency-adapted plate, immersion and rod transducers, they enable the



A continuous system with pre-cleaning, ECM processing and ultrasonic post-cleaning stations was developed for one-sided edge rounding of the kilometer-long steel strips



The power-adapted DIN rail generator has a 32-bit microcontroller that digitally generates, regulates and monitors the frequency

construction of compact cleaning solutions that are individually tailored to the workpieces and cleanliness requirements. “We also spoke to other manufacturers at the time, but the collaboration with Weber Ultrasonics worked so well right from the start that we didn’t bring any other suppliers on board,” reports Sascha Haushammer. “We receive very good advice and have been able to build up a certain amount of expertise in ultrasonic cleaning over the years. Today, we only really need the expertise of Weber Ultrasonics for special projects.”

### Edge rounding and cleaning of kilometer-long metal strips

One such project was the development and production of a complete solution for processing steel strips of different widths and thicknesses and several kilometers in length. The task actually sounded simple: to produce a defined edge rounding on one side of the parts and prepare them for subsequent preservation by the customer. “The process speed was also an important factor,” ex-



The company manufactures the modular ultrasonic cleaning tanks to customer specifications, even for applications without an ECM process

plains Sascha Haushammer. VULIC ECM designed a modular throughfeed system with pre-cleaning, ECM processing and post-cleaning stations including ultrasonic.

The module for post-cleaning consists of three separate zones. The middle zone is equipped with a 25 kHz Sono-sub transducer with 500 watts of power on the floor side. The laser-welded capsule of the transducer is extremely smooth and therefore minimizes deposits. With the Sonic Digital HS3 generator, which has been adapted in terms of output, the frequency of 25 kHz is digitally generated, controlled and monitored by a 32-bit microcontroller. The power can be regulated in the range from 10 to 100 percent in 1% increments, which allows optimum adaptation to part-specific cleaning programs.

### Processing and cleaning at high process speeds

The belts, which are slightly contaminated with oil, are unwound on the infeed side using a decoiler and undergo a combined spray and brush pre-cleaning in the first station. Edge rounding takes place in the middle module. At the post-cleaning station, the steel strip is sprayed off in the first zone and completely drawn into the tank filled with cleaning medium via a roller in zone 2. In this liquid bath, the ultrasound develops its effect through acoustic cavitation: the immersible transducer transmits the electrical signals generated by the generator into the liquid, creating an alternation of negative and positive pressure. In the negative pressure phases, microscopically small cavities are formed, which collapse (implode) in the subsequent positive pressure phase. This creates shock waves with considerable energy, which “blast off” particulate and filmic-chemical contamination. At the same time, microflows develop which flush away detached or dissolved contaminants. The belts are transported via another roller to zone 3, which is equipped with a hot-air drying system. They are then protected against corrosion in the customer’s preservation unit before being rolled up again.

**About Weber Ultrasonics AG:** Weber Ultrasonics AG develops, produces and markets solutions and components for the industrial use of ultrasonic technology. Its business focuses on cleaning, welding and cutting with ultrasound and includes other special applications.

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## REC Supports Construction of ₹9.06 Crore Workshop and Classroom Building at Ramakrishna Mission Technical Campus, Coimbatore

The foundation stone for the Workshop and Classroom Building at the Ramakrishna Mission Technical Campus, Coimbatore, was laid on 27 November 2025. The upcoming structure is being funded by REC Limited under its CSR initiative.

The ceremony was graced by Shri Narayanan Thirupathy, Independent Director, REC Ltd and Shri Immanuel Antony Doss, Chief Manager, REC Ltd.

The new facility, being constructed at a cost of ₹9.06 crore, represents a significant step towards strengthening technical education and advancing skill development, further supporting youth empowerment in the region.

The upcoming Workshop and Classroom Building will offer improved learning spaces, advanced training facilities, and upgraded academic infrastructure for students. This initiative reinforces REC's commitment to support-



ing quality technical education and contributing to the development of skilled, future-ready youth.

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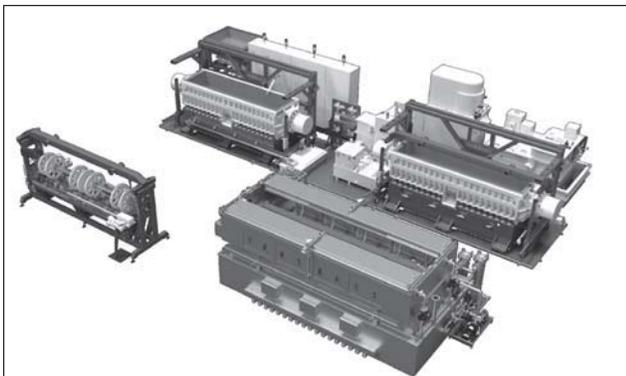
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## Clever Automation Concept Helps to Drastically Reduce Processing Times

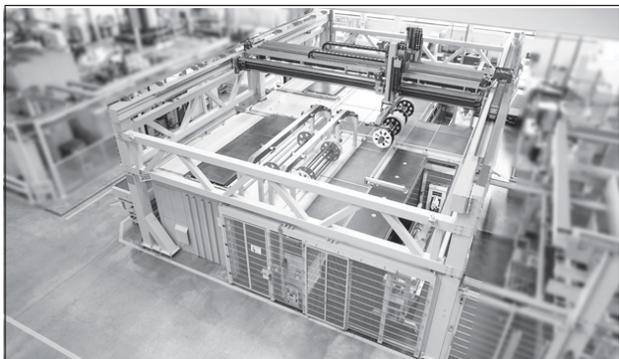
**Innovative tub vibrator concept for better quality, higher efficiency and improved competitive standing**

Plastification augers for melting plastic pellets are an essential part of each injection molding machine. To offer equipment that guarantees a maximum of quality and precision in an extremely competitive market, the globally active Engel Austria GmbH produces these augers exclu-



The two tub vibrators, model R 800/3200 TSD-15, are equipped with direct drive special vibratory motors mounted on the front and rear wall of the tub. This makes them especially powerful and allows highly flexible operation

sively at its Austrian manufacturing location in St. Valentin. The investment in two fully automated mass finishing machines from Rösler ensures not only a more cost-efficient production but also consistently high quality.



The fully automated polishing cell consists of two tub vibrators, a work piece cleaning system, a work piece loading/unloading station and a fully automatic process water cleaning centrifuge, model Z 1000. Transport of the work piece mounting frame takes place with a gantry crane system

The automation concept allows operating the tub vibrators and directly linked cleaning system with minimal personnel requirements. Since the optimized polishing process helps to substantially reduce the processing times, this trend-setting equipment concept will definitely be useful for other industrial applications.

In cooperation with the Austrian automation specialist Promot Rösler created an integrated system that optimally links the various equipment components. The work piece fixtures, specifically developed for this application, guarantee a maximum of operational efficiency and finishing quality. Moreover, the set-up times were significantly reduced. Last-but-not-least, by expanding the finishing system to two tub vibrators, the capacity for polishing the plastification augers - up to three meters long and 15 to 80 mm wide - was substantially increased.

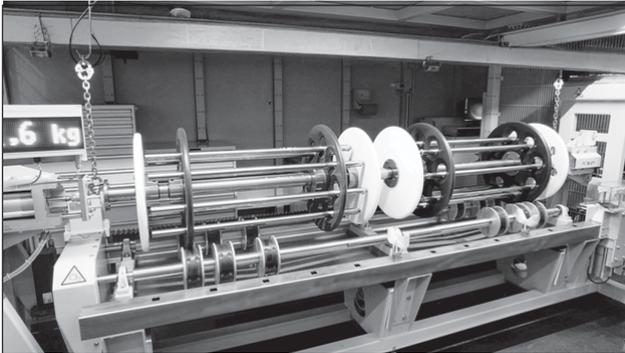
### **Automatic loading of the tub vibrators with minimal handling times**

The injection molding machinery manufacturer Engel has been using Rösler finishing equipment for more than 20 years. Until recently the company polished the plastification augers in a tub vibrator with a single stage finishing process. This included time-consuming, manual work piece handling requiring a lot of manpower, especially for loading and unloading the work pieces into and from the finishing system. Therefore, the specifications by the customer called for a reduction of the physically demanding handling work for the employees and automatic loading & unloading of the tub vibrators. A key role in this challenging project played the expansion of a gantry crane system by the Austrian automation specialist Promot, which is already successfully employed for loading/unloading the grinding machines used in a preceding finishing operation. Furthermore, the new mass finishing system had to be able to handle the production volume of plastification augers specified by Engel. Based on the already existing polishing process with a cycle time of on average 8.5 hours, this would have required several new tub vibrators.

### **Two stage process significantly reduces processing times**

Therefore, the main focus of the Rösler engineers for this

# Company News



The new setup concept reduces the overall cycle time substantially. In the past both ends of every single auger had to be individually mounted onto the mounting frame. Today they are simply placed into the frame

project was the reduction of the processing time and to minimize the required quantity of tub vibrators. Both goals were achieved by utilizing a two-stage Keramo-Finish® process that runs simultaneously in two tub vibrators, model R 800/3200 TSD-15. These machines, equipped with special direct-drive vibratory motors, are extremely productive, allow flexible operation and require very little space.

By reducing the overall roughness reading to a value of  $Ra = < 0.1 \mu m$  the two-stage Keramo-Finish® fine-grinding and smoothing operation in the tub vibrators helps to drastically improve the surface finish. This is the main reason for the excellent quality of the plastification augers. The streamlined finishing operation in combination with the powerful equipment helped to substantially reduce the processing times. Of course, the improved surface quality of the work pieces entering the Keramo-Finish® process was also a positive factor. This is achieved by using fine grinding media that offers a relatively high metal removal rate but creates a fine surface finish.

## Loading of the tub vibrators with a gantry system and optimized setup concept allows a fully automatic polishing operation

To allow fully automatic work piece loading/unloading of the tub vibrators, Rösler developed an automation and control concept for the gantry system in close cooperation with Promot. It transports the plastification augers after the pre-grinding operation to the work piece setup and mounting station. There, an operator places a certain quantity of augers, depending on the auger size, into a mounting frame. Mario Stollnberger, manager of the plastification activities explains: „In the past this setup operation was very time-consuming, because both ends of every individual auger had to be mounted into the frame separately. Today, this is done by simply placing the augers into the mounting frame utilizing a floating position-

ing system. This has cut the setup times to around 15 minutes.” In the next step the gantry system picks up the mounting frame, now loaded with work pieces, transports it over the tub vibrator and then lowers it onto special guide rails positioned in the vibrator tub. This clever concept allows the mounting frame with work pieces to freely rotate in the processing media. In addition, it offers the advantage that upon completion of the finishing cycle the entire frame can be fully automatically removed from the tub vibrator. The placement and removal of plastification augers into and from one mounting frame takes place, while the work pieces in another mounting frame are being processed. The simultaneous work piece loading/unloading and processing function further improves the overall efficiency of the polishing process.

Besides the two mass finishing vibrators the new polish-



The gantry crane automatically lowers the mounting frame with raw work pieces onto special guide rails in the tub. This allows the frame to rotate freely in the processing media. Upon completion of the finishing cycle the frame with the now finished work pieces can be fully automatically removed from the tub

ing cell includes a work piece load/unload station, a work piece cleaning system that was specifically developed for this application and a fully automatic centrifuge, model Z 1000, for cleaning and recycling the process water in a closed loop and thus, saving valuable natural resources.

## Innovative automation concept offers many possibilities

Tub vibrators can be used for numerous finishing applications. However, until now it was practically impossible to automate the work piece loading/unloading operation for these versatile mass finishing machine. With the newly developed, innovative automation concept Rösler has now a solution that will make the finishing operations in other industries, like aerospace, etc., more efficient and faster!

For over 90 years, the privately owned Rösler Oberflächentechnik GmbH has been actively engaged in the field of surface preparation and surface finishing. As global market leader, we offer a comprehensive portfolio of

equipment, consumables and services around the mass finishing and shot blasting technologies for a wide spectrum of different industries. Our range of about 15,000 consumables, developed in our Customer Experience Centers and laboratories located all over the world, specifically serves our customers for resolving their individual finishing needs. Under the brand name AM Solutions, we offer numerous equipment solutions and services in

the area of additive manufacturing/3D printing. Last-but-not-least, as our central training center the Rösler Academy offers practical, hands-on seminars to the subjects mass finishing, shot blasting and additive manufacturing. The Rösler group has a global network of 15 locations and approx. 150 sales agents. For more information, please go to:

**Web: [www.rosler.com](http://www.rosler.com)**

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## Asian Energy Services Limited (AESL) Secures ₹459 Crore Coal Handling Plant Contract from Mahanadi Coalfields in Odisha

Asian Energy Services Limited, a leading integrated service provider to the energy and mining sectors, along with its JV partner, has been awarded a prestigious contract from Mahanadi Coalfields Limited for setting up a Coal Handling Plant in Odisha. The contract encompasses Pre-Engineered Turnkey Execution, including Design, Supply, Erection, Commissioning, Trial Run, Testing, and O&M during the Defect Liability Period (DLP).

Valued at approximately ₹459 crores (inclusive of GST and BOCW Cess), this marks the largest-ever Coal Handling Plant (CHP) order secured by the company to date a milestone that further reinforces Asian Energy Services' growing leadership in the sector. The project will be executed over a span of seven years.

Commenting on this, Mr. Kapil Garg, Managing Director, Asian Energy Services Limited said, "We are delighted to announce the prestigious ₹ 459 crore contract awarded to us by Mahanadi Coalfields Limited, a testament to the enduring confidence our clients place in Asian Energy Services' unmatched expertise and execution excellence.

This landmark win further fortifies our leadership in the Coal Handling Plant segment and propels our total order book beyond ₹ 2,000 crore (excluding Kuiper), underscoring a robust revenue pipeline and a bright growth trajectory for the years ahead. With this milestone, we reaffirm our commitment to pursuing high-value, turnkey projects that drive sustainable growth and reinforce our position as a trusted industry frontrunner"

### About Asian Energy Services Limited

Established in 1992, AESL provides end-to-end upstream oil and gas services, including seismic data acquisition, EPC for production facilities, production enhancement and mining services such as material handling. With recent acquisitions and an evolving business model, AESL is on track to become a leading integrated energy and mineral services company focused on sustainable growth and value creation.

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## Industrial Products Source

### February 2026

**Cables, Wires, Connectors, Control Panels,  
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## Quattroclean Snow Jet Technology - Dry and Production-integrated Cleaning Sustainable and Efficient Solutions to Cleaning Challenges Faced by Electronics and Semiconductor Manufacturers

The electronics and semiconductor manufacturing industries face a number of challenges. Increasingly smaller structure sizes, rising demands concerning the power density, dependability and safety of electronic components, as well as new manufacturing technologies call for greater precision and higher levels of technical cleanliness. The growing shortage of skilled workers is reinforcing the trend toward automated work steps, including cleaning. Furthermore, specifications regarding sustainability and resource consumption are also becoming more stringent. The dry and scalable quattroClean snow jet technology meets all these demands. The sustainable cleaning process requires neither water nor energy-intensive drying and can be automated as required.

Whether smartphones, household appliances, automobiles, medical devices or even aerospace equipment - semiconductors, integrated circuits, and microchips are the basis of all these modern applications. During their manufacture, the components undergo complex processes that are becoming increasingly demanding due to rising requirements in terms of performance, product quality, and durability, as well as new manufacturing technologies such as advanced packaging. This applies not only to precision, but also to the degree of technical cleanliness that must be achieved. The benchmark is the level of cleanliness deemed necessary for subsequent processes or the end application. The limit values for residual particulate contamination are often in the submicrometer range, and for filmic organic and inorganic contaminants even in the nanometer range. The scalable quattroClean



The dry, resource-saving quattroClean snow jet technology meets the high cleanliness requirements in electronics manufacturing in a robust and reproducible manner. Here is an application from medical technology in which both a chip and its packaging are cleaned



The scalable quattroClean snow jet process is also used for cleaning Front-Opening Unified Pods (FOUP) to ensure the cleanliness of wafers in semiconductor manufacturing during storage and transport

snow jet technology from acp systems AG has been proven to meet these sometimes extreme cleanliness requirements in series production in a dependable and reproducible manner. And this has been shown to be the case for a wide variety of full-surface or selective cleaning tasks, such as removing flux/solder residues or tiny particles, wafer dicing, cleaning PCBs, masks, imagers (e.g., CCD or CMOS sensors), and exposure optics, as well as for before and after bonding.

### Dry cleaning process – efficient and gentle on resources

In contrast to wet chemical cleaning, which is still frequently used and requires not only water or solvents but also energy-intensive drying, the quattroClean technology is a dry process. The cleaning medium is liquid car-



The manufacturer has its very own cleanroom technical center for designing processes and determining the optimal cleaning parameters for specific applications

bon dioxide which has been recycled and treated from chemical production processes and energy generation from biomass. The carbon dioxide is guided through a freely-adjustable, wear-free, two-substance ring nozzle and expands on exiting to form fine snow crystals. These are bundled by a separate jacket jet of compressed air and accelerated to supersonic speed. When the easily-focused jet of snow and compressed air impacts on the surface to be cleaned, a combination of thermal, mechanical, solvent and sublimation effects occur, forming the basis of the cleaning action. The crystalline carbon dioxide sublimates entirely during the process, leaving the treated surfaces completely dry. The detached contaminants are then extracted together with the process gas, thus preventing re-contamination of the parts or contamination of the surroundings.

To underpin its contribution to sustainability, the quattroClean process in combination with process gas from Linde has been GreenScreen Certified®. The certification confirms that the process medium used in cleaning processes, especially in the electronics industry, does not contain any chemical substances which are harmful to humans or the environment.



Customized planning, documentation, and commissioning of the automation solution for the cleaning system, as well as its integration into existing production lines, round off the company's range of services

## Adaptable to clean environments

acp systems tailors the cleaning solution optimally to the respective task, company-specific requirements, and production situation. To this end, the company designs systems based on standardized modules or plans them individually. For use in clean manufacturing environments, the cleaning systems, which are made entirely of stainless steel, are designed and equipped to comply with the respective cleanroom class specifications. This ensures a cleanliness of 99.995 percent for the treated liquid carbon dioxide and a quality of 1.2.1. according to ISO 8573-1:2010 for the compressed air. In order to meet semiconductor manufacturing requirements, for example, a gas scrubber that filters out traces of organic substances can also be integrated into the ultra-pure media supply for compressed air (XCDA).

## Space-saving with needs-based automation

A further advantage of the quattroClean technology is its compact size and ability to be automated as required using robot handling or linear systems, which also allow very short cycle times. On request, the equipment manufacturer takes on the customer-specific planning, documentation, and commissioning of the automation solution for the cleaning system, as well as its integration into existing production lines - even for so-called flexible materials such as flexible printed circuit boards. Machine vision-based solutions enable accurate automatic positioning and calibration of parts in production lines, as well as precise process monitoring and documentation.

## Process design in cleanroom technical center

acp systems designs processes in its very own technical center, which has an ISO 7 Class cleanroom with zones up to Class 5 according to ISO 14644-1. Under these realistic production conditions, process parameters such as volume flows for compressed air and carbon dioxide, the number of nozzles, the area to be cleaned and the duration of the jet, are adapted to the respective application, while also taking material properties, the type of contamination and required level of cleanliness into account.

The dry quattroClean snow jet technology is an answer to the challenges posed by various cleaning tasks in electronics manufacturing. The process ensures the necessary cleanliness of electronic, mechanical, optical and sensor components in a robust, energy- and resource-saving manner. Furthermore, it meets the demand for end-to-end automated manufacturing processes.

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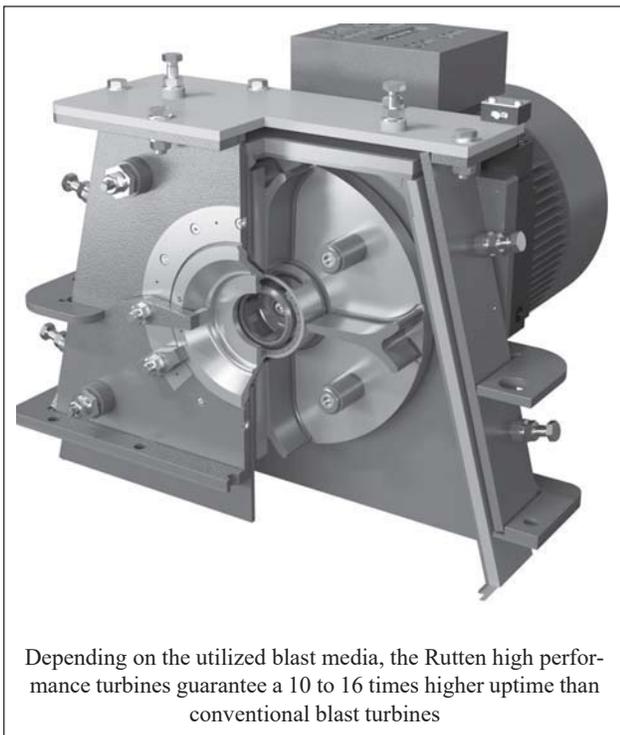
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## Retrofit of Shot Blast Machines – it does not always require brand-new equipment

### New turbines from Rösler guarantee improved equipment availability and a 25% higher blast performance

Secure spare parts supply and improved blast performance, these were the reasons why a manufacturer of saw bands invested in ultra-modern new turbines for a belt shot blast machine. The customer chose the Rutten Gamma 330-HD high performance turbines from Rösler not only because of their extremely wear-resistant design. He was equally impressed by the 25 % higher blast performance with, at the same time, lower energy consumption. In the meantime, the customer decided to equip other blast machines in his manufacturing organization with Rösler high-performance turbines.

The saw-bands produced by this company are known all over the world for their superb quality. These steel strip products offer excellent precision, for example, exact edge dimensions and perfect flatness. To maintain its quality standards, the company makes all its products in Germany, even though around 90 % are exported to other countries. A key stage in the manufacturing process is a shot blasting operation in a belt blast machine.



Depending on the utilized blast media, the Rutten high performance turbines guarantee a 10 to 16 times higher uptime than conventional blast turbines



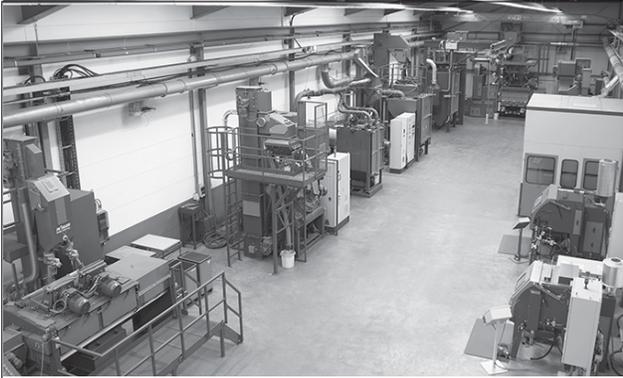
The throwing blades in Y-shape, used in the Rutten Gamma turbines, are made from a highly wear resistant steel alloy, and, therefore, ensure extremely long uptimes

#### Improved shot blast performance and secure spare parts supply

The machine used for this shot blast operation, supplied by a manufacturer in Southern Europe, urgently needed to be modernized. Therefore, the engineer responsible for streamlining manufacturing operations discussed the customer requirements with the Rösler team during a visit at the Deburring Expo exhibition. The topic of this conversation was not only a secure spare parts supply and first-class technical service but also improved blast performance to provide a higher work piece thruput. Based on the detailed process parameters provided by the customer, Rösler developed a technical concept and submitted a quote for retrofitting the turbines on the existing blast machine. The quote included the installation of two high-performance Rutten Gamma turbines, type 330-HD, each with a power of 7.5 kW. This corresponds to the power of the original turbines. The feasibility of the offered turbines was proven through extensive processing trials in the Customer Experience Center at Rösler with the actual customer work pieces.

#### Faster blast cycles with less energy consumption and lower wear

The high performance of the Rutten Gamma turbines is



The suitability of the high-performance Rutten Gamma turbines, type 330-HD, for this particular customer application was proven through extensive processing trials at the Rösler Customer Experience Center in Untermerzsbach

based on their special design. They contain four Y-shaped throwing blades with a precisely calculated blade curvature. This guarantees an extremely precise blast media acceleration and delivery at maximum throwing speeds and, compared to conventional turbines, a significantly improved shot blast efficiency. The new turbines increased the blast performance of the existing shot blast machine by roughly 25 % and, thus, produced a significant increase of the shot blasting capacity. Moreover, the efficient blast media delivery offers savings in energy consumption of up to 25 %. The throwing blades are made from an extremely wear-resistant steel alloy, and their special design allows the use of both blade sides. Therefore, depending on the utilized blast media, the Rutten high

performance turbines guarantee a 10 to 16 times longer service life than conventional turbines. These technical features, combined with the reliable and fast Rösler spare parts service, ensure a significantly higher equipment up-time with, at the same time, lower costs for maintenance.

### Quick turbine exchange and optimization of the entire shot blast machine

The turbine exchange on the blast machine, originally supplied by another manufacturer, was achieved in a relatively short time period. Besides a relatively minor adaptation of the original mounting flange, it required no additional modifications. At the same time the turbines were replaced, the maintenance team of the customer and Rösler engineers fine-tuned the existing shot blast machine to the higher blast performance. Among other steps, the blast chamber was lined with additional wear plates.

About one year after the new turbines were installed, this saw band supplier is extremely satisfied with the Rutten high performance turbines. Therefore, he plans to modernize additional blast machines in his manufacturing organization, which were supplied by the manufacturer in Southern Europe. For over 90 years, the privately owned Rösler Oberflächentechnik GmbH has been actively engaged in the field of surface preparation and surface finishing. As global market leader, it offers a comprehensive portfolio of equipment, consumables and services around the mass finishing and shot blasting technologies for a wide spectrum of different industries. The Rösler group has a global network of 15 locations and approx. 150 sales agents. Visit: [www.rosler.com](http://www.rosler.com)

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## Stand-alone Grid for the Bordesholm Region: Electricity Supply Even in the Event of Grid Failure

With the SMA Large Scale Energy Solution, the public utility company Versorgungsbetriebe Bordesholm is able to supply the European utility grid with balancing energy - a lucrative business model. At the same time, it also allows the electric utility company to guarantee a completely secure electricity supply for the region. In the event of a utility grid failure, the SMA system technology will automatically switch to stand-alone mode. And it supplies 100 percent of its electricity from renewable energy.

The municipality of Bordesholm is located in the northern German state of Schleswig-Holstein, between Kiel and Neumünster. The name means “at the shore of the island.” Thanks to an SMA Large Scale Energy Solution, Bordesholm is living up to its name and is literally heading for new shores with a 15-megawatt storage system. The SMA storage system has a capacity of 15 megawatt hours and provides a primary control reserve, supplying electricity for direct selling and securing the electricity supply for the entire Bordesholm region in the event of grid failure.

### **A lucrative business model through the primary control reserve**

With the SMA Large Scale Energy Solution - a coordinated system solution featuring seven Sunny Central Storage battery inverters and an SMA Hybrid Controller XL - the public utility company Versorgungsbetriebe Bordesholm (VBB) is able to supply the European utility grid with critical balancing energy. The battery storage system is considered one of the most state-of-the-art balancing energy power plants in the world.

If there are sensitive frequency fluctuations in the utility grid, the SMA system supplies energy from the battery storage system within a fraction of a second. In this way, the electric utility company helps to ensure a stable utility frequency of exactly 50 Hertz - and participation in the primary control energy market opens up lucrative business opportunities.

### **The objectives: To provide a primary control reserve and ensure a reliable electricity supply at all times.**

The solution: To use an SMA Large Scale Energy Solution to generate and store clean energy, and to optimally control and monitor energy flows both in the utility grid and in stand-alone mode.

The outcome: A contribution to stable grid frequency in

the European utility grid; A lucrative business model through the primary control reserve; Stand-alone mode and black start function ensure electricity supply 24/7; and 100 per cent electricity supply from renewable energy.

### **Stand-alone grid ensures a reliable supply at all times**

However, the SMA Large Scale Energy Solution can do so much more. In the event of a power outage, it forms a stand-alone grid within a fraction of a second. In doing so, it continues to supply the connected loads with fully renewable energy from PV systems and biomass and CHP plants without any interruption.

In a research project at the end of 2019, the public utility company Versorgungsbetriebe Bordesholm and TH Köln, University of Applied Sciences in Germany, simulated a large-scale power outage. They disconnected Bordesholm from the European utility grid for one hour via the synchronous tie breaker. Best of all, the 8,000 residents of Bordesholm did not even notice it. All households, businesses and institutions were still supplied with electricity without any interruptions. It no longer came from the European utility grid but within the Bordesholm stand-alone grid - 100 per cent from renewable energies. This is because the SMA Large Scale Energy Solution is so intelligent that it can establish its own stand-alone grid at European grid quality within a matter of seconds. The electricity comes from connected renewable energy generators, which are PV systems and biomass and CHP plants. The fiber-optic network KNÖV-NetT ensures stable and fast communication between the individual power generation plants, loads and the battery storage system.

Once the public utility grid is available again, the SMA Large Scale Energy Solution automatically resynchronizes the stand-alone grid with the European grid and reconnects to it.

### **Power outage protection in the event of grid failure**

And the best thing is that, thanks to the black start function, the SMA battery inverter and SMA Hybrid Controller can automatically restart the grid within seconds using energy from the battery and renewable energy generators, even in the event of an unplanned power outage in the public utility grid. Once the public utility grid is available again, the municipality can synchronize back to it at any time using the SMA system.

Whether power outages are planned or unplanned - with the SMA Large Scale Energy Solution, the public utility company Versorgungsbetriebe Bordesholm is able to secure the power supply of the entire municipality 24/7. The Bordesholm stand-alone grid is proof that entire regions can provide for themselves using 100 per cent renewable energies. Bordesholm is also a flagship now - for Germany, Europe, and the whole world.

### Setting a milestone for the energy transition

“With an SMA Large Scale Energy Solution, we are proving that it is possible to run a public electricity grid on fully renewable energy and maintain stable frequencies. In doing so, we have created a starting point for the development of largely self-sufficient electricity grids. On a larger scale, the world could one day have an energy supply that is not dependent whatsoever on fossil fuels or nuclear power.”

**Frank Günther**

General Manager of Versorgungsbetriebe Bordesholm

GmbH “With SMA, we have a reliable and experienced German partner on our side. Together, we have written a piece of energy history. We are a pioneer in the energy transition to exclusive renewable energy sources.”

**Dr Jorg Niedersberg**

Chairman of the Supervisory Board of Versorgungsbetriebe Bordesholm GmbH

In order to maintain the normal frequency of 50 hertz in the German utility grid at all times, the four German transmission grid operators have to balance out unforeseen fluctuations within seconds. The primary control reserve (PCR) helps them to do this. It must be available within 30 seconds to prevent a power outage.

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## Syensqo And Bell Join Forces To Industrialize Composite Part Manufacture

**Leveraging DDF technology and CYCOM® EP2750 fast cure prepreg to deliver unmatched operational and sustainable benefits**

Syensqo, a global leader in advanced materials, and Bell Textron, Inc., an aerospace and defense company, have joined forces to accelerate the industrialization of composites.

Bell is the early adopter of Syensqo's patented DDF1 manufacturing process, coupled with its fast cure aerospace prepreg CYCOM® EP 27502.

Bell qualified and industrialized this technology quickly, achieving high-rate production of aerospace composite parts. Implementing this new process has brought major benefits such as decreased operational costs while generating positive environmental aspects such as reduced



Syensqo's end to end DDF line

waste, energy consumption and green-house gas emissions. In addition, DDF enabled the relief of autoclaves' usage for curing small to medium size parts allowing their utilization for larger parts.

"After more than 30 years our Syensqo-Bell relationship continues to bring innovative solutions to benefit the composite industry", said Marc Doyle, Business Execu-

tive Vice-President of Syensqo Composite Materials. "Syensqo's customer support model is based on the belief that design, material and manufacturing are all inter-related and key to a successful increase in composites adoption. Our teams are structured to support this model and customer collaborations are fundamental in working towards a more industrialized composites industry".

### About Syensqo

Syensqo is a science company developing groundbreaking solutions that enhance the way we live, work, travel and play. Inspired by the scientific councils which Ernest Solvay initiated in 1911, we bring great minds together to push the limits of science and innovation for the benefit of our customers, with a diverse, global team of more than 13,000 associates in 30 countries.

Our solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices and health-care applications. Our innovation power enables us to deliver on the ambition of a circular economy and explore breakthrough technologies that advance humanity.

Learn more at [www.syensqo.com](http://www.syensqo.com).

### About Bell

Thinking above and beyond is what we do. For more than 90 years, we've been reimagining the experience of flight – and where it can take us.

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| SPIRAL BEVEL   | 0.5     | 6.5     | 20           | 300     | DIN 5          |
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| WORM WHEEL     | 0.5     | 8       | 30           | 500     | DIN 8          |
| MASTER GEAR    | 1       | 8       | 10           | 500     | DIN 4          |



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