

# Industrial Products Source

ISSN 0973-1857

A Magazine for Indian Industries

Vol 17

Issue 2

February 2020

₹ 30/-

A Product News Publication

Total no. of pages 76

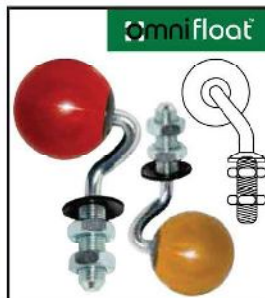
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## Focus:

Cables, Wires, Connectors Control Panels Transformers,  
Switchgears & Welding Equipment

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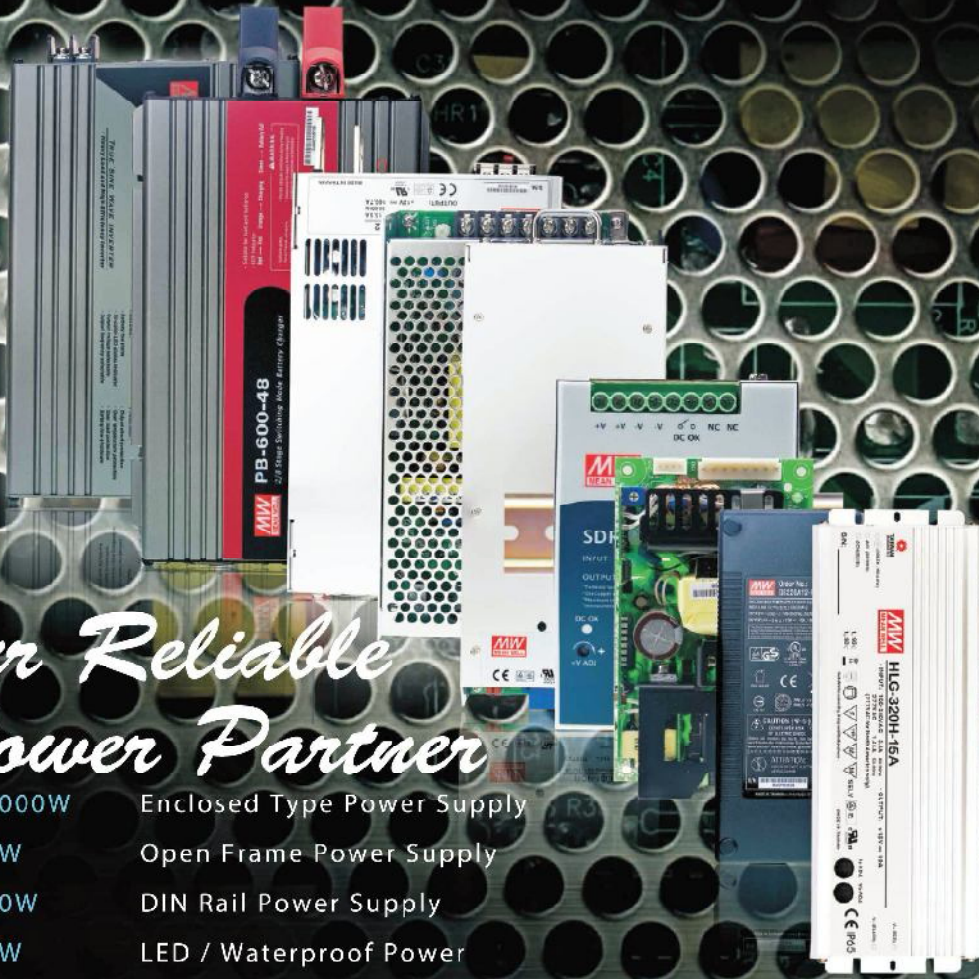






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## Industrial Products Source

(A Product News Publication)

Vol. 17 No. 2 February 2020

**Editor & Publisher:** Mohanan N  
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**Layout Artist:** Prashant Kumar K

*Single copy price: ₹30/-*

*Annual Subscription: ₹300/-*

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Printed and Published by Mohanan N on behalf of **Product News Publication** and printed at Perfect Prints, 22/23 Jyothi Industrial Estate Noori Baba Darga Road, Near Makhmali Talao Thane 400 601, and published from A/10 Jayshree Laxmi Puja CHS, Plot No: 78/82 Ramachandra Nagar, Dombivli (E), Dist: Thane 421 201.

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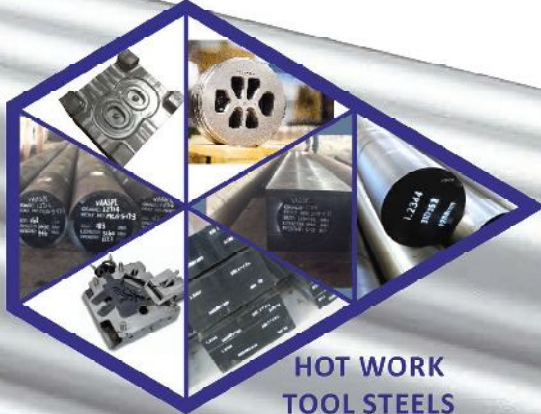
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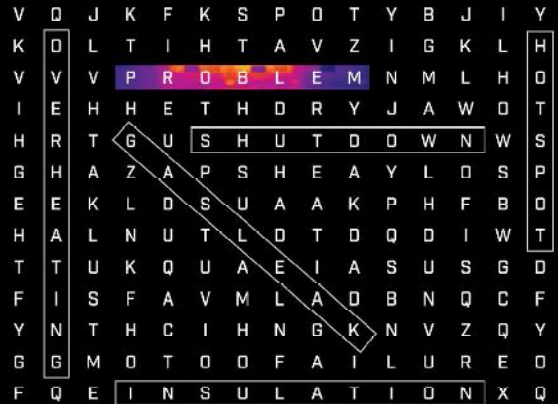
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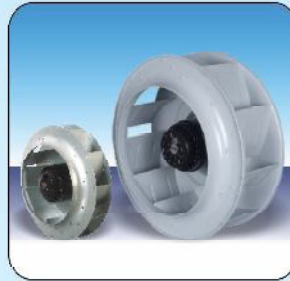
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Welding Fume Removal  
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Plastic Extrusion Machines



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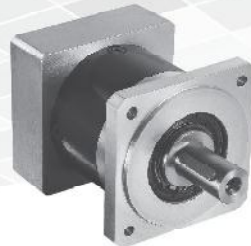
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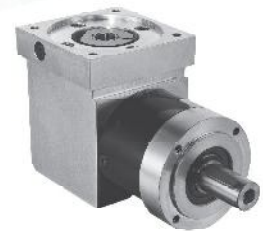
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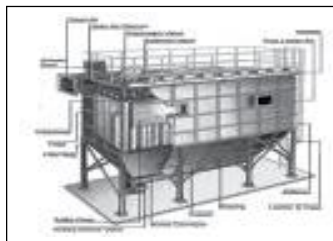
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MASYC, an ISO 9001-2008 certified company specializes in the field of Bulk Material Handling System, Conveyor Equipment, Crushers, Screens and Bag Filters, etc. For sustainable and safer environment, Masyc Bag House Dust Collector is used for various applications in the process plants such as Cement, Coal, Chemicals, Thermal Power plant, Paper and Pulp, Mining and Minerals, Steel, Sugar and Food Industries etc. Masyc bag filter (Dust Collector) works on the principle of Pulse Jet Technology. A powerful shockwave passes through the filter cartridge during cleaning. The dust is discharged from the filter surface and the downwards flowing air allows it to fall in to the container. The pulse from the valve is distributed into the cartridge via a unique laser cut zigzag slot along the length of the blow pipe. The effect of the cleaning is further enhanced by the Venturi shaped outlet of the cartridge. The result of the innovative cleaning and cartridge design gives an overall increased efficiency and lower operating costs. Masyc Dust Collector (Bag Filter) is manufactured under the latest and innovative design aspects and technology. For example, the tube sheets are always laser cut to maintain the utmost accuracy in maintaining the perfect verticality of each bag. Normally the enclosure of the Bag Filter is fabricated in Panel formation so as to avoid excessive welding of stiffeners on the outer wall of enclosures. Each panel is laser cut and then bent on the computerized machine which ensures the perfect assembly prior to final welding. Further the Rotary Air Lock, Screw Conveyor and Chain Conveyor required for conveying the dust from the dust hopper are also manufactured in house.



Contact:

**Masyc Projects Pvt Ltd**  
23 Community Centre, Mayapuri, Phase-1, New Delhi 110 064  
☎ 011 – 2811 3383, 2811 5745 • Fax: 011 – 2811 6850  
E-mail: [masyc@masycproject.com](mailto:masyc@masycproject.com)

## TIG (Tungsten) Electrode INOSTAR

SAP Industries offers TIG (Tungsten) Electrode INOSTAR manufactured by Wolfram Industrie of Germany. Features: Cleaner welding seam with less burn-off; Improved performance with less poser; Better efficiency with less gas; Longer service life due to less deformation; Fewer failures due to highest arc quality. The Company also supplies Weldcut TIG Electrodes, MIG Welding Torches and Spares, etc.

Contact:

**SAP Industries**  
A-541, TTC Industrial Area, MIDC  
Mahape, Navi Mumbai 400 710  
☎ 022 – 2778 1819 • E-mail: [info@sapweldcut.com](mailto:info@sapweldcut.com)



## PVC Cable Ducts

Grippon Electrical is one of the leading manufacturers of electrical terminal blocks, Reverse-Forward Switches, PVC Cable Trays, DIN Rail Channels in India. The Company offers PVC Cable Ducts. Features: Made of rigid poly vinyl chloride (PVC) of high tensile and compressive strength; Resist oil and salt solutions; Easy and effective locking is possible due to specially designed duct and cover; Non-flammable; Elongated slots at the bottom makes flexible mounting possible; Specially designed side slots to prevent popping out of wires while removing cover.

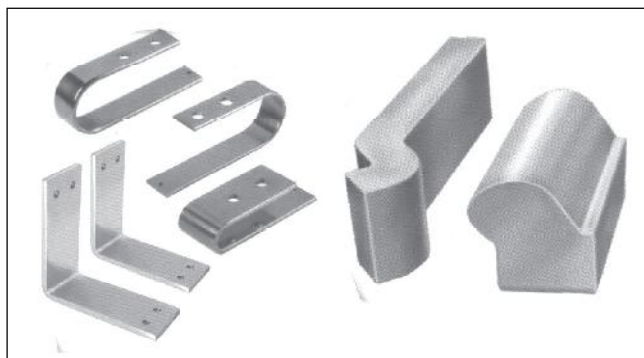


Contact:

**Grippon Electrical**  
D/5-6 Junnar Taluka Industrial Est, Kandali (Narayangaon)  
Taluka Junnar, Dist: Pune, Maharashtra 412 412  
☎ 02132 – 273 851 • Mob: 97307 03838  
E-mail: [sales@gripogroup.com](mailto:sales@gripogroup.com)

## Fabricated Bus Bars

Jay Copper & Alloys Pvt Ltd manufactures fabricated copper bus bars with advanced technology and best quality



materials to assure reliability and accuracy of the products, as per the drawings and specifications of the customers.

Contact:

**Jay Copper & Alloys Pvt Ltd**  
Plot # 2219, Nr: Shah Aloys Ltd, Science City to Khatraj Road  
Village Santej, Tal: Kalol, Dist: Gandhinagar, Gujarat 382 721  
Mob: 99241 01650 • E-mail: [info@jaycopperalloys.com](mailto:info@jaycopperalloys.com)

## Copper & Copper Alloy Foils/Strips

Agrawal Metal Works Pvt Ltd supplies Copper and Copper Alloy Foils/Strips for Switchgears and other electrical applications.

Contact:

**Agrawal Metal Works Pvt Ltd**  
SP-14, RICO Ind Area, Phase-1, Bhiwadi, Rajasthan 301 019  
☎ 01493 – 664 900 • Fax: 01493 – 304 909  
E-mail: [enquiry@amwl.in](mailto:enquiry@amwl.in)



## ID Grinding Drums

Win Win Diamond Products manufactures ID Grinding Drums. It offers brake lining internal grinding drums and rollers of various sizes ranging from 150 mm to 600 dia and length from 50 mm to 300 mm with parallelogram segments on surface. Electroplated with 30/40 grit natural diamond powder is used approximately at 3000 RPM for internal grinding of brake pads can be supplied; its specification includes 406 mm and 410 mm dia drums with segment are normally used by customers; and smaller dia drums with 300 mm dia are also used depending upon the curvature of the brake linings. The company manufactures electroplated diamond products like diamond files with seven shapes, electroplated diamond or CBN internal grinding wheels used for jigs and internal grinding and precision grinding of small holes in tungsten carbides, ceramic sapphire, glass stones and other non-metallic substrates.

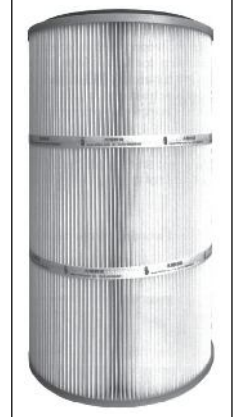


Contact:

**Win Win Diamond Products**  
 Plot No: 5, 2nd Floor, Santhosh Nagar, Harivardhan Street  
 Kandanchavadi, Chennai 600 096  
 ☎ 044 - 4313 2248 • Mob: 99406 67675  
 E-mail: windiamonds@gmail.com

## PTFE Membrane Polyester Filter Cartridge

Tori Filtration (India) Private Limited supplies PTFE Membrane Polyester Filter Cartridge. Features: This cartridge is covering a membrane on the polyester fabric surface, and it used for filtration. Adopting imported micro porous polytetrafluoroethylene (PTFE) laminating technology. Specialty of membrane-covering: Stable chemical corrosion resistance, water repellent, oil repellent, better air permeability, the dust layer formed by filtration is easy to be separated, reduce pressure difference, more thorough ash removal. Be used in any structured filter cartridge; be used to incept more fine dust. Filtering level: MERV11-MERV15, the finest filtering precision: 0.3 µm. Suggest working temperature below 136°C. Applications: Welding fumes, shot blasting, pharmaceutical, cement, tobacco, textile industry (prevention and control of coal-dust stained yarn) and other industries.



Contact:

**Tori Filtration (India) Private Limited**  
 Unit No: 106, First Floor, Centrum Plaza, Sec-53  
 Gold Course Road, Gurgaon, Haryana 122 002  
 ☎ 0124 - 422 0925 • Fax: 0124 - 408 6790  
 E-mail: sales@torifilters.com

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**3 Eastwest Engineering & Electronics Pvt. Ltd.**

Works : D - 191, MIDC Shirwane, Nerul,  
 Navi Mumbai - 400 706.  
 Phone : (022) 2768 6241 to 44 • Fax : (022) 2768 6245  
 E-mail : info@eastwestndt.com  
 Website : www.eastwestndt.com

## Cable Glands & Precision Turned Parts

Geissel Group, a German family operated company since 1920, is one of the worldwide leading manufacturers of cable glands, accessories and precision turned parts. Geissel India, a 100% daughter of Geissel Germany, is with its international high class products an established supplier for the Indian electrical market since many years. Cable Glands – Thread: PG, metric, BSP, BSC,



and NPT; Material – Brass, Polyamide, and Stainless Steel (SS 303/1.4305 and SS 316 Ti/1.4571; Cable dia up to 116 mm; Protection Class IP 54, IP 68, EMC. Range of products include: Single Compression Cable Glands; Double Compression Cable Glands; Conduit Cable Glands and Conduits; Reductions/Enlargements; Lock Nuts; Plugs; Adapters; and Twisting Sleeves.

Contact:

**Geissel India Pvt Ltd**  
Gat No: 1102, Mutha Road, Pirangut  
Tal: Mulshi, Pune, Maharashtra 412 115  
☎ 020 – 2292 2195 • E-mail: info@geissel-india.com

## Bin Crate Washing Machines

Ultramax Hydrojet offers a wide range of Bin Crate Washing Machines. Features are: the BWM Series is a compact machine that has been specially developed for bin and tray washing; the machines are specifically designed for cleaning, degreasing air blowing of various sizes and models of bins and trays in the same machine; its standard and custom systems are produced for parts cleaning, degreasing, and surface treatment using both aqueous and safety solvent systems for parts ranging from small intricate precision items to very large heavy machine parts; and UHPL product range includes component washing, parts washing, tray cleaning, high pressure washing and heavy component washing booth.



Contact:

**Ultramax Hydrojet Pvt Ltd**  
AC 31/4A, 6th Main Road, Thirumudivakkam  
SIDCO Industrial Estate, Chennai 600 044  
☎ 044 – 2223 5785 • Mob: 89033 35093  
E-mail: info@hydrojet.co.in

## NBR Rubber Double Insulated Extra Flexible Copper Welding Cables

Jainson Cable India offers NBR Rubber Double Insulated Extra Flexible Copper Welding Cables. Features: Ultra high performance flexible welding lead double insulated; Better flame retardant properties; Excellent flexibility to last longer in flex applications based on CENELEC HD 22-6 31, VDE 0282, IEC 245-6, BS 6899, IS 6830/84; Outstanding toughness and durability; High resistance to cuts, tears and abrasion; Resistance to oil, solvents and chemicals; Excellent ozone and weather resistant. Technical Data – Fixed installation: -30°C to max +90°C; Nominal voltage: 600 V; Test voltage: 2500 V; Mechanical properties: Tensile strength = 10 N/mm<sup>2</sup> min; Elongation = 300 min; Minimum bending radius: 6 x cable diameter; Flame propagation: Flame retardant test as per IEC 60332-1. Applications: Designed for the secondary (high current) connection to automatic or hand-held metal arc welding electrodes. It is suitable for flexible use under rugged conditions, on assembly lines and conveyor systems, machine tool and automatically operated line and spot welding machines.

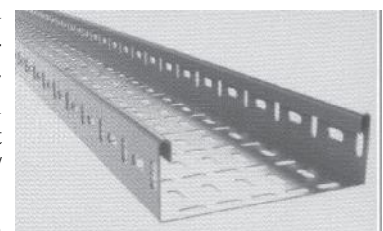


Contact:

**Jainson Cables India Pvt Ltd**  
Survey No: 16, Plot No: 16/A & 16/B  
Ahmedabad-Mehsana Highway, Chandarda  
Tal: Kadi, Dist: Mehsana, Gujarat 382 718  
☎ 02764 – 267 700, 267 701 • E-mail: ino@jainsoncables.com

## Galvanized & Fabricated Products

Unistar Metals Pvt Ltd, an ISO 9001: 2015 Certified Company offers a wide range of Galvanized and Fabricated products like Railway Electrifications Structures; Swaged and Octagonal Poles and Flanges; Metal Beam Crash Barriers; Electrostatic Precipitator, Galvanized Cable Tray and Hand Rail. The Company follows Strict Quality Control from Raw Material procurement to Project Execution and Painting/Galvanizing; Provides prompt customer service and support for any change in requirements at any point in the project execution stage.



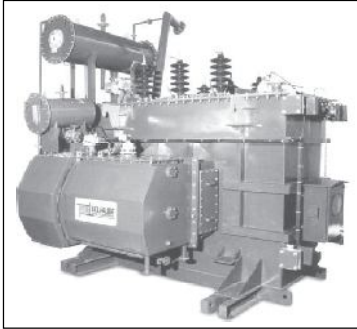
Contact:

**Unistar Metals Pvt Ltd**  
Vardaan Suite # 306, 25 A Camac Street, Kolkata 700 016  
Mob: 98301 22990



## Power Transformer

Telawane Power Equipments Private Limited manufactures both onload and of circuit tap switch type Power Transformers, which are generally used in receiving substation for feeding residential, commercial and bulk consumers. Technical Specifications – Duty Type: Outdoor/indoor; Voltage Class: 1, 2, 3, 6 kV or any specific; No of phases: 3; Frequency: 50/60 Hz; Vector Group: Dyn5 or Dyn1 or YNyn0 any specification; Insulating fluid: PCB free mineral oil, both inhibited and uninhibited, as per IS/IEC, ASTM 03487; Class of insulation: Class A; Tap Changer: Of circuit or Onload tap changer; Tapping Range: +/-2.5% x 2 for OCTC or + 1.25% x 4 and -1.25% x 8 for OLTC or as per customer requirement; Winding Material: Copper with multi paper covering; Applicable Standards: IS 2026, IEC 60076, ANSI, IEEE; Painting: Enamel, Epoxy, Polyurethane or customer specific.



Contact:

**Telawane Power Equipments Private Limited**  
R-457, MIDC, Rabale, B/h: Pipeline Road  
Thane Belapur Road, Navi Mumbai 40 701  
☎ 022 – 2764 2273, 2764 2275 ♦ E-mail: tpepl@telawne.com

## Multilayer Flexible Composites

Polycom offers definite business solution to ever wanting high-tech Flexible Multilayer's needs. Polycom is the market leaders for the products in the fields of Electrical Insulation for Motors/Alternators/Transformers/Ballast and



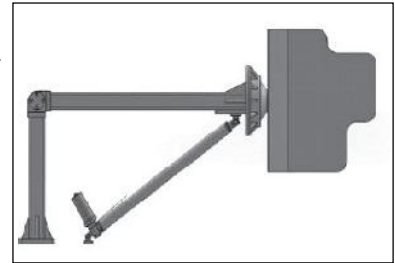
Choke Coils of all ratings, Cable Wraps for Fibre Optic/Jelly Filled/Instrumentation/Power Cables, Solar Back sheets for the Crystalline Photovoltaic Solar Modules, Flexible Circuit Materials and Packaging industries.

Contact:

**Polycom Associates**  
411 ACME Plaza, Andheri-Kurla Road  
Andheri (East), Mumbai 400 059  
☎ 022 – 2832 9474, 6697 2254  
E-mail: headoffice@polycomassociates.com

## Actuators and Reduction Gearbox

Gears and Gear Drives (India) offers Actuators and Reduction Gearbox to lift antenna. Features: These actuators lift the antenna from horizontal position to vertical position; its linear actuators features include: operating temperature of the actuators is -20 to +55 degree celsius; Actuators are IP 65 qualified; these are self-locking actuators; tolerance allowed in the stroke is ±0.5mm; and its reduction gearbox features include: Operating temperature is -20 to +55 degree for deployment of 90 degree rotation is 10 seconds with a tolerance of 2 seconds; IP 65 qualified; self-locking geared motor. The company engaged in providing total engineering solutions from design to manufacturing for over thirty years in the areas of power transmission, mechatronics, motion control and automation.



Contact:

**Gears and Gear Drives (India) Pvt Ltd**  
No: 21/2, Orrkay Inds Compund, Opp: Evoma Hotel  
Bhattrahalli, Near K R Puram, Old Madras Road  
Bengaluru, Karnataka 560 049  
Mob: 80889 31951, 80889 31958  
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**MODEL WWS-50**  
High Engineering Plastic Moulded Housing  
50 mm φ x 30 mm Height,  
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100-10 KΩ

SINGLE TURN WIRE WOUND POTENTIOMETERS  
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High Engineering Plastic Moulded Housing & Cover  
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Standard Resistance Value 100-10 KΩ

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Phone: + 91 22 24465778, 24458611 URL: [www.pankaj.com](http://www.pankaj.com) E-mail: [pankaj.potentiometers@gmail.com](mailto:pankaj.potentiometers@gmail.com)  
Note: We reserve the rights to make changes in Designs, Specifications and Functional Modifications at any time without prior notice.

## MIG Welding Wire, Copper Coated

Mehta Sanghvi & Company supplies MIG/CO<sub>2</sub> Welding Wires. Characteristics: SPARKO MIG wires are made of mild steel wire rods that have medium to high manganese and silicon content, for porosity-free, high tensile strength welds (post welding) that yield a smoother weld from an experienced welder. The copper coating yields a higher than normal shelf life, in normal weather conditions. The MIG wires have a well-balanced chemical composition for smooth running in almost all applications, as tabulated below: Industrial, farming, construction and mining equipment; Automotive repair; For welding on metals with a medium to high presence of dirt, rust or mill scale; Single pass welds on sheet metal applications; Multiple pass welds on thick sections; All position welding; Butt and fillet welding of sheet and plate of a variety of thickness; HVAC duct work; General carbon steel structural welding; and Heavy equipment.

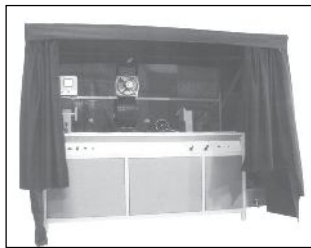


Contact:

**Mehta Sanghvi & Company**  
Industrial Unit No: 21, Gr Floor, Gokul Industrial Estate  
Premises Co-op Society Ltd, Plot No: 150  
Marol, M V Road, Andheri (E), Mumbai 400 059  
☎ 022 – 2852 6856, 2852 8925  
E-mail: mehtasanghvi.k@gmail.com

## Magnetic Crack Detectors, Maxiflux Stationary Type

Eastwest Engineering & Electronics Pvt Ltd offers Maxiflux Stationary Type Crack Detectors, which are general purpose heavy-duty bench type crack detectors. They are most suitable to test Crankshafts, Connecting Rods, Bars, Billets and many other types of ferrous components. The Crack Detector typically consists of a stationary Head stock and crank operated tail stock. Common Standard Features: Sturdy steel frame work construction; Pneumatic clamping with soft contacts with copper braiding pads to avoid sparking; Stainless steel V shaped test tray; Stainless steel tank with pump, hose and spray gun for spraying magnetic ink; Collapsible canopy to create dark area for Fluorescent particle testing; Auto push button Demagnetization; Black light (UV light) with High Intensity lamp and UV filter.



Contact:

**Eastwest Engineering & Electronics Pvt Ltd**  
D-191, MIDC, Nerul, Navi Mumbai 400 706  
☎ 022 – 2768 6241 • Fax: 022 – 2768 6245  
E-mail: info@eastwestndt.com

## Compact Orbital Welding GTAW Power Source Orbitron-6000/7000

Universal Orbital Systems Pvt Ltd offers Compact Orbital Welding GTAW Power Source Orbitron-6000/7000. Features: Auto programming mode generates welds procedures automatically; Stores 600 programs 200 Auto and 400 Manual programs; Manual programs can be stored with tags; Compact, Rugged, Noise Proof design, Weighing only 15 kg, easy carrying for site and runs on generators also; A simple design, Easy to understanding for all operators; Segment wise programming with Positional Reference; In built Weld Data Logger with USB Port and Pen Drive; Auto fault detection detects Arc Fault, Rotor Jam, Earth Fault, Gas Fault and user guidance to fix the fault; Suitable for all Universal Weld Heads including Tube to Tube and Tube to Tube Sheet; Password protected key function for user levels such as Welder, Supervisor, Admin; Auto tacking facility; Specially tubed GTAW Power Source with high stable current for Orbital Welding; Separate compact water cooling unit for Weld Head Cooling; IoT connected power source by which you can communicate the machine to get Daily Reports for Orbitron 7000; You can see machine status on Cloud, Android can monitor continuously from your PC/Mobile for Orbitron 7000.

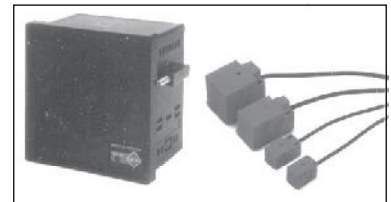


Contact:

**Universal Orbital Systems Pvt Ltd**  
30/5A, 3 Samruddhi Industrial Estate, Narhe Dhayari Road  
Dhayari, Pune, Maharashtra 411 041  
☎ 87930 89870 • Mob: 90111 40471  
E-mail: sales@universalorbital.com

## Proximity Switches

Esbee Electrotech LLP offers Proximity Switches. Features: Inbuilt surge protection; Reverse polarity protection; LED status indication; Protection: IP 67; Alternative to micro switches and limit switches; Easy to install; Long life and high reliability; Sensing range 1 mm to 15 mm; Available in cylindrical (flush/non-flush) type and rectangular type: Available in 8 mm to 30 mm in cylindrical type; and in 17 mm to 40 mm height in rectangular type. Esbee also offers Panel mounted Hooters, Pendant Stations, Door Limit Switch, Proximity switches, 16 mm Push buttons, etc.



Contact:

**Esbee Electrotech LLP**  
S-42/1, MIDC, Bhosari, Pune, Maharashtra 411 026  
☎ 020 – 4690 7300  
E-mail: info@esbee-electrotech.com



## Welding & Cutting Equipments

WIM is a well-established manufacturer of welding and cutting equipment. Founded in 1972, Welding Industries Malaysia is a leader and prime manufacturer of welding products with an on-going commitment to produce high quality, user friendly, industry specific, reliable, durable and technologically advanced welding equipment. WIM India is an Indo Malaysian Joint Venture between Welding Industries Malaysia Sdn.



Bhd and Centroid Group, India. WIMIPL also provides after-sales support, training to technicians of buyers and train manpower to become qualified welding technocrats. WIM range includes MMA, MIG, TIG, Spot Welding, Plas-



ma Cutting, Plasma Welding and Robotic Automation. About 70 per cent of more than 60 models of Welding Machines, particularly key parts like transformers and PCBs are made by WIM.

Contact:

**WIM India Private Limited**  
380 Dr Nanjappa Road, Coimbatore, Tamil Nadu 641 018  
☎ 0422 – 438 0081, 438 0082 • E-mail: info@wimindia.com

## Rotary Cutting Tools

Kennametal is recognized as a leading manufacturer of Bur Blanks (to be brazed) – pressed to close tolerances in inch and DIN sizes; Redi-Burs – Carbide blanks already brazed to a steel shank; Solid Carbide Bur Blanks – from ground to close tolerances; Carbide Rod – Cut to length or in 12 in or 325 mm lengths, semi-finished or finish ground tolerances; Carbide Tips – for masonry drills and carbide-tipped twist drills: offered in square, rectangular and other shapes; Preforms – made to order special blanks per engineering drawings.



Contact:

**Kennametal India Limited**  
8/9th Mile, Tumkur Road, Bengaluru, Karnataka 560 073  
☎ 080 – 2219 8444  
E-mail: bangalore.information@kennametal.com

## Motor Run Capacitors

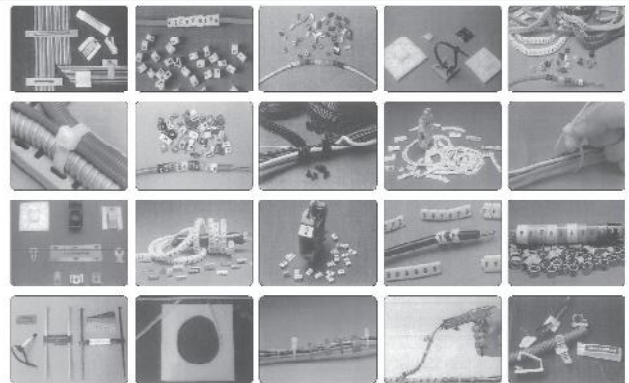
Amit Capacitors Limited, an ISO 9001:2015 Certified Company and leaders in Capacitors offers Motor Run Capacitors. Features: Made with self-healing metallized film to ensure long life; Minimal dissipation factor leading to much higher reliability; Available in close tolerance of  $\pm 5\%$ ; Very low power loss leads to high efficiency. Range: 20  $\mu\text{F}$  to 100  $\mu\text{F}$ , Wire/Pin Type; Other special sizes and ratings available on request. Applications: Single phase motors, Monoblock pump sets, Submersible pump panel, Industrial Blowers, etc. The Company's other products range includes: Dry capacitors, Oil capacitors, Submersible pump panel capacitors, Air conditioning capacitors, AC Motor Start capacitors, Washing Machine capacitors, Lighting capacitors, Power Factor Correction capacitors, etc.



Contact:

**Amit Capacitors Limited**  
#A-8, Co-operative Industrial Estate, Balanagar  
Hyderabad, Telangana 500 037  
☎ 040 – 2387 9990 • Fax: 040 – 2387 9995  
E-mail: info@concap.in

## Cable Ties & Accessories



### Products Range:

Cable Markers, Various Types of Marker for Identification of Cables, Oval Grip Markers, Sleeve Markers, Universal Type Markers, Universal Ferrules, Terminal Block Markers, Terminal Markers, PVC Cable Binding Straps, Tie Mounts Plates, Flat Ribbon Cable Clamps, Cable Ties, Cable Clamps, Tie Holders, Cable Ties - Releasable & Reusable, Universal Type Markers, Spiral Wraps, Facility Ties, Universal Dush Grommets, Marking Plates and Carrier Strip Marking, Polyolefin Sleeves, PCB Supports, PVC Sleeves, PVC Heat Shrink Sleeves, Silicon Sleeves.

## Microsign Sales & Services

### Excelsior Electronic Automation

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E-mail: ajay.microsign@rediffmail.com

Approved by T S 9000 (BVQI) Ministry of Defence,  
RDSO (Railway) & DGCA (Civil Aviation)

## Electromagnetic Flow Meter

Charun Instruments provides Electromagnetic Flow Meter, which is fully automatic and digitally designed by expert. Features are: this flow meter is simply structured, reliable, no movable parts and long operation life; these products range have no mechanical inertia, quick response and good stability, application in automatic examination, and regulation and controlling; measuring accuracy is uninfluenced by the physical parameters such as type, temperature, viscosity, density and pressure; these products possess operation data for safe and firm protection of memory; measurement independent of liquid properties; field interchangeable electronics; based on temperature requirement polyurethane/neoprene/PTFE lining; analog output like 4-20 mA to connect to PLC or DCS; special meters for batching controls. The company is a manufacturer and exporter of a wide range of electromagnetic flow meters, data loggers, level controllers, process control instruments, etc.



Contact:

**Charun Instruments**  
210 CD, 2nd Floor, Kalrav Complex  
Opp: Maninagar Railway Stn, Ahmedabad, Gujarat 380 008  
☎ 079 - 2547 1190 • Mob: 97277 50100  
E-mail: admin@charuninstruments.com

## Bosch Marble Cutter and Bosch Circular Saw

IBK Engineers offers a wide range of Bosch Marble Cutter and Bosch Circular Saw. Features are: these marble cutter and circular saw are flexible to operate and is easy to maintain; to increase the life of Bosch tools, keep all the surfaces free of dust and oily substances; and run the tool without load for 2 minutes after usage to take out the dust inside. Bosch power tools are designed in Germany with high-quality standers. The company supplies deep groove ball bearings, mechanical bearings, roller chains, steel rear sprockets, safety equipment, automotive components, electric equipment, etc.



Contact:

**IBK Engineers Pvt Ltd**  
1/2 Eshwara Temple Road, Doddakallasandra  
Bengaluru, Karnataka 560 062  
☎ 080 - 2632 1112 • Mob: 98805 66644  
E-mail: raj.kn@ibizkart.com

## DIN Abrasion Tester

Associate Agencies offers DIN Abrasion Tester, designed to determine abrasion resistance index of natural and synthetic rubber. Features are: it consists of test specimen holder with a cylindrical opening adjustable between 15.5 and 16.3 mm to clamp the test specimen with an arrangement to adjust the length of test specimen protruding out; the holder is mounted by a screw mechanism along a length of a rotating drum on which the abrasive cloth is fixed; the movement to the screw mechanism and drum is given by an electric motor, gearbox and chain mechanism to give the specified speed of rotation to the drum and the specified lateral movement to the test specimen holder; the swivel arm and test specimen holder are so disposed that the test specimen is pressed against the drum under the specified load with its center axis at an inclination of 3 degree to the perpendicular in the direction of rotation and placed above the longitudinal axis of drum; a rack and pinion arrangement to rotate the test specimen about its axis during the test (whenever desired) is also provided; the equipment is provided with limit switches which, in addition of giving over travel safety to the movement of test holder by preventing the lower edge of the test specimen holder to touch the abrasive cloth; the equipment is built on rigid steel base and finished in grey metallic and bright chrome/zinc plating to give it a corrosion resistant finish; and moulding die, rotary type cutting die (hollow drill) for preparing test specimens and extra abrasive cloth are available as optional accessories. The company is engaged in manufacturing a wide range of inspection, testing and measuring instruments such as testing equipment, surveying instruments, measuring instruments, construction machinery, industrial calipers, land surveying instruments, royal digital theodolites, etc.



Contact:

**Associate Agencies**  
No: 1, Ground Floor, Jilla Panchayat Building  
Lal Darwaja, Ahmedabad, Gujarat 380 001  
☎ 079 - 2550 7814 • Mob: 84017 05237  
E-mail: associateagencies@yahoo.co.in

## Welding & Cutting Consumables

Weldwell Speciality is a single source for welding solutions. The products range is: SS Flux Cords and Strips, Non-purging TIG Wires, Copper and Copper Alloys, Nickel-Alloys Welding Electrodes, etc.

Contact:

**Weldwell Speciality Pvt Ltd**  
401 Vikas Commercial Centre, Dr C Gidwani Road  
Chembur, Mumbai 400 074  
☎ 022 - 6646 2000, 2520 5523 • E-mail: sales@weldwell.com



## Silicone Extruded & Molded Products

Sevitsil is one of the India's oldest and leading Silicone and FKM products manufacturers meeting up with diversified needs of customer with wide range of products. The world class range of Extrusions varies from 0.20 mm Id to 350 mm Id, providing the end user a number of varieties to choose with. The applications of Silicone and FKM in endless products have pushed Sevitsil to various industries. The products range: Tubing – Silicone tube for pharmaceuticals; Silicone multi lumen tube for medical application; Silicone sleeve for insulation; Silicone sleeve for corona treater application; Silicone braided hoses; FKM (Viton) tube. Silicone Extrusions (Solid and Sponge): Silicone profiles; Silicone squares and strips; Silicone cord. Silicone Gaskets: Fbd gaskets (inflatable seals), Silicone led gaskets, Silicone blister gasket, Silicone Autoclavable gasket, TC gasket/sms/union gasket, Biological indicator gasket, Food container gaskets, Flange gaskets. Silicone Cables and Connectors; Silicone Colour Changing products; Oil Seals and O-rings; Sheets (Silicone/FKM); Silicone Bellows, Silicone Diaphragms. Silicone Vial stoppers; Household Silicone products; Laboratory Silicone products, etc.

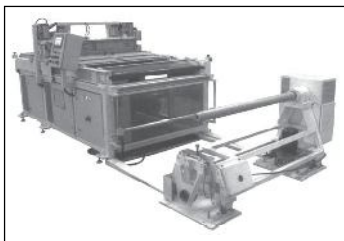


Contact:

**Suresh Enterprises**  
 C1/55 GIDC Phase II, Dediyanan, Mehsana, Gujarat 384 002  
 ☎ 02762 – 224 814, 224 240 • Mob: 97277 38001  
 E-mail: info@sevitsil.com

## CNC/NC Sheet Cutting Machine (Cut to Length)

Hind Hydraulics & Engineers offers CNC/NC Sheet Cutting Machine (Cut to Length). Features: Slitting and cutting application at the same time to simplify production process and therefore save labour cost and handling cost. Max width of sheet: 1220 mm; Max dia of let off Roll: 600 mm; Servo motor control feeding ensure feeding tolerance within  $\pm 0.2$  mm; 10 steps feeding speed adjustment from 5 metres per minute to 50 metres per minute to meet different specification of materials; Maximum cutting length up to 2 metres per cut. Applications: Any kind of soft materials such as plastic, foam, paper, film materials.



Contact:

**Hind Hydraulics & Engineers**  
 Plot No: 13, Sector 24, Faridabad, Haryana 121 005  
 ☎ 0129 – 418 7777 • Fax: 0129 – 223 4294  
 E-mail: sales@hindpress.co.in

# GAS ANALYSERS

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Ambient Air Quality Monitor  
 ACE 10000 AAQ ECO



Online Zirconia Oxygen Analyser (Unheated Probe)  
 ACE 2000 UHP



Dilution Based CEMS  
 ACE 10000XX DP



Hot Extractive CEMS  
 ACE 10000X HE



Food Ripening Analysers  
 ACE 60 FR



Dust Monitor Single Pass Transmission Meter  
 ACE 10000 OT



Dust Monitor Double Pass Transmission Meter  
 ACE 10000 OTPT



Online Zirconia Oxygen Analyser (Heated Probe)  
 ACE 2000 HP

## PORTABLE ANALYSERS



Portable Stack Gas Analyser  
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Carry Case Emission Analysers  
 ACE 9000X



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Carry Case Coal Gas Analyser  
 ACE 9000X CGA

## ONLINE DETECTOR

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 ACE 40



\* Fully Indigenous \* Sensors with 3 years warranty  
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 \* Meets latest CPCB Norms

## ACE GAS ANALYSERS PVT. LTD

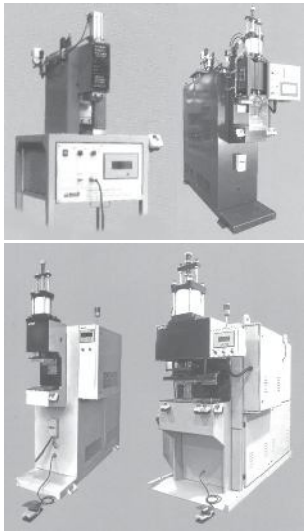


342 Edison 1, Tesla Industrial Park  
 Raheja District II, Near Prabhat Dairy  
 MIDC Juinagar, Navi Mumbai 400 705  
 Tel: 022 - 2087 1056 / 022 - 2087 1057  
 E-mail: sales@acegasanalysers.com  
 Website: www.acegasanalysers.co.in / sme.in/acegas

DEALERSHIP ENQUIRIES SOLITED

## Capacitor Discharge Projection Welding Machine

Artech offers an advanced and highly capable range of products that serves vast range of welding applications from 500 to 40,000 watts seconds/joules. In addition to standard machines, Artech has developed over 100+ tailor-made CD projection welding machines to suit the specific needs of various applications. Features: Compact, ergonomic designs; Digital, micro-controller based controls; password protection for changing weld parameters. Applications in Automobile – Fuel tank ring welding; Oil filter top plate welding; Rotor fan welding; Seat component welding; Shock Absorber leak proof welding; Sintered Pulley; Stabilizer bar welding; Window regulator/Seat adjusters; Braided Copper wire welding; Projection nut/bolt welding; Stainless steel components (Impellers, Control Panels, Kitchenware, etc.); Leak proof welds – Bush welding, Semiconductor, SS round nut welding, Oil port welding, Shock absorber, SS tube welding on solid SS cube/sheet; Hollow Metal Door – End C channel welding, Anchor plate welding, Vision Panel welding, Hinge reinforcement welding, Stiffener welding, Lock re-inforcement welding. The Company also offers Capacitor Discharge (CD) Stud Welding machines, Drawn Arc Stud Welding Machines, etc.



Contact:

**Artech Welders Private Limited**  
A-24/1, H-Block, MIDC, Pimpri, Pune, Maharashtra 411 018  
☎ 020 – 2747 6160, 2746 2771  
E-mail: sales@artechwelders.com

## Ceramic Balls

N Gandhi & Co, an ISO 9001: 2015 Certified Company offers Ceramic Balls that are particularly suited to harsh environments. Their main advantages over steel are that they have a density of 40% lower than steel. Have 29% lower thermal expansion and are 150% harder. In certain high-speed applications their life is extended by as much as a hundred times. The three main materials used are Alumina Oxide, Zircona Oxide and Silicon Nitride.

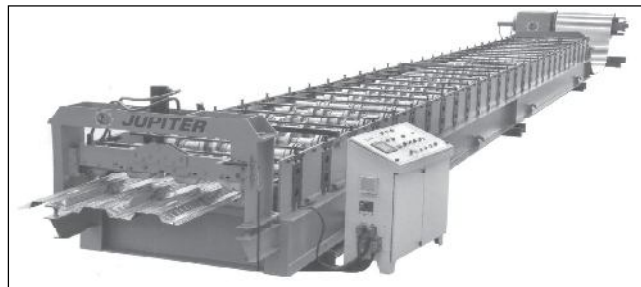


Contact:

**N Gandhi & Co**  
102 E-Square, Subhash Road, Nr: Garware  
Vile Parle (East), Mumbai 400 057  
☎ 022 – 6838 0200  
E-mail: marketing@ngandhi.com

## Floor Deck Machine

Jupiter Roll Forming offers Floor decking roll forming machine, which is manually used to produce steel floor decking and can produce high quality floor decking has advan-



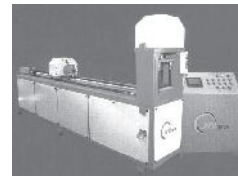
tages, such as no cutting deformation, high strength and a large working load. It can be directly mixed with the steel mesh and concrete with good adhesion. Applied in high-rise steel building, it can save the steel moulding templates, and also reduce the floor load. Under the same capacity, it can reduce the amount of steel to achieve cost-saving. Decking forming machine consists of Uncoiler and its base, coil sheet guiding equipment; roll forming system, post-cutting equipment, hydraulic station, PLC base controlling system, supporter table. The corrugated profile sheet, produced by this machine has high strength with big rib, which adheres well to concrete. It is best to be used as the floor of high buildings and the cost for construction of floor is low. Features: High solid forming stand guarantees the stable forming and uniform high quality of final products; Able to secure higher productivity since the management of the line is automated by controlling an electronic system; Improved cutting method minimizes the tolerance of cutting length.

Contact:

**Jupiter Roll Forming Pvt Ltd**  
Unit-1, NH-27, Nr: Bhunava Village, B/h: Singhal Power Press  
Tal: Gondal, Dist: Rajkot, Gujarat 360 311  
Mob: 92760 87006, 92760 87003  
E-mail: sales@jupiterrollforming.com

## CNC Pipe Punching Machine

Jini Tech offers CNC Pipe Punching Machine. The Company's range of products include: CNC Single Tube Punching machine; CNC Double Tube punching machine; Semi-Automatic Tube punching machine; Manual Tube Punching machine; Two station pipe punching machine; Four station pipe punching machine; Tube end forming machine; Hydraulic Tube cutting machine; Automatic Nut inserting machine; Hydraulic press for multipurpose use; and Tube punching dies, etc.



Contact:

**Jini Tech**  
Opp: Shree Naklang Annapurna Ashram, B/h: Omkar  
Hardware, Surat Navsari Main Road, Navsari, Gujarat 396 445  
Mob: 99796 15698 • E-mail: jinitech3@gmail.com



## Projection Welding Machine

Kirpekar Engineering (P) Ltd offers Projection Welding Machine. Its features are: Fabricated rigid steel frame structure; Frictionless RAM for Quick Response; Deflection free Precision movement; Top and Bottom T Slot Tables; Adjustable Lower Arm (Optional); Low Impedance Transformer (AC, 3-phase DC and MFDC); Microprocessor based Welding Controller Kirpekar-make; Frictionless RAM with LM Guides; and Deflection free precise movement. Applications: Automobile; Switchgear (press parts projection welding); and Refrigeration industries; Consumer Appliances; Shock Absorbers; Nut and Stud Welding, Window Regulator. Standard Specifications of Model KPW-75: Transformer – Capacity at 50% Duty Cycle: 75 kVA; Rated Input Voltage: 415 V; Max Short Circuit Current: 25 kA; Weld Head – Cylinder dia x Stroke: 150 x 100 mm; Max Weld Force at 6 bar: 600 kgF; Throat Depth: 200 mm; Throat Gap adjustment : 200-400 mm; T Slot Table size: 150 x 150 mm; Cooling Water Volume: 40 l/mm; Machine size approx. (W x D x H): 690 x 1240 x 2540 mm; Machine Working Height: 900-1000 mm.



Contact:

**Kirpekar Engineering (P) Ltd**  
 Plot No: 8A, Rasoni Industrial Park, MIDC  
 Phase II, Hinjewadi, At Post Maan  
 Tal: Mulshi, Dist: Pune, Maharashtra 411 057  
 ☎ 020 – 6674 1600 • Telefax: 020 – 6674 1601  
 E-mail: sales@kirpekarengg.com

## Hinge Belt Conveyor

Eastman Conveyor Solutions offers Hinge Belt Conveyor, which is the most common format, offers an effective means of managing heavy chip loads and stringy chips. Chips that fall from the machine tool land on the conveyor belt and are conveyed away from the machine tool's precision surfaces. The Company's products range includes: Scrapper Conveyor, Magnetic Chip Conveyor, Screw Conveyor, Heavy-Duty Coolant Tanks, Drum Type Filtration System, Material Movement Conveyor, Telescopic Covers, etc.



Contact:

**Eastman Conveyor Solutions**  
 Industrial Area-C, Dhandari Kaslan, Ludhiana 141 010  
 ☎ 0161 – 524 4020 • Fax: 0161 – 251 1600  
 Mob: 98145 15141 • E-mail: yateesh@eastmanconveyors.com

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- CONDUCTIVITY LEVEL SWITCHES
- CAPACITANCE TYPE LEVEL TRANSMITTERS

**FITZER** INSTRUMENTS COMPANY (INDIA) Regd. Correspondence Address  
 Atali, Near Ambivali Stn. (W), P.O. Mohane, Tal.Kalyan, Dist.Thane-421 102  
 Tel : +91-251-2270788, 2271336, 2270407, 2270408  
 Mobile : +91-8691816356 Email : fitzerindia@hotmail.com  
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 Tel.: 91-22-2814 9014 Telefax : 91-22-28180978  
 Email: info@paragoncontrol.com Web : www.paragoncontrol.com

## Computer-Controlled Pipecutter, 4-Axis

Mehta Sanghvi & Co offers a wide range of 4-axis Computer-Controlled Pipecutter, Model W-244, from Watts Specialties Inc, USA. Features are: this is a 24-inch, rugged computer-operated 4-axis machine that is simple to use and highly productive. It produces variable bevel angles, and fully beveled holes; its 4-axis control for controlled bevels and deep weld penetration; the W-244 is controlled by a heavy-duty industrial computer designed to run in extreme temperature, humidity and vibration; this easily programmable system is accurate, reliable, easy to maintain and easy to operate. With this machine one can cut any contoured pipe-end in minutes. By using the simple computer menu one can also set up saddle holes, slots, rectangles or other custom cuts. The company is a trader, manufacturer and supplier of industrial safety and welding equipment and accessories.



Contact:

**Mehta Sanghvi & Co**  
Industrial Unit No: 21, Gr Floor, Gokul Industrial Estate  
Premises Co Operative Society, Plot No: 150  
Sir Mathuradas Vasanji Road, Marol  
Andheri East, Mumbai 400 059  
☎ 022 – 2859 2847 • Mob: 98201 27614  
E-mail: mehtasanghvi.k@gmail.com

## Resistance Spot Welding Electrode Caps

Senor Metals offers a wide range of Resistance Spot Welding Electrode Caps. Features are: it is a leading manufacturer copper and copper base alloys (brass) extruded rods, wires, hollows, tubes ingots and components, are also manufacturing resistance spot welding electrode caps complying to ISO 5821; some of the alloys are copper chromium rods/flats; copper chromium zirconium rods/flats; and components from above alloys like spot welding electrode caps complying to standards like ISO 5821 or Customised as per customers drawings are also made; and it offers Copper Wires and Tubes, Copper Flats, Bespoke Components, Copper Alloys, Copper Rods and Bars. The company engaged in manufacturing copper and copper-based alloy extrusions. The company has progressed vertically, especially in the field of development of critical alloys.



Contact:

**Senor Metals Pvt Ltd**  
Plot-353, GIDC Phase III, GIDC-II  
Dared, Jamnagar, Gujarat 361 004  
☎ 0288 – 2730 253 • E-mail: info@senormetals.in

## Electric Screwdriver, Carbon Brushless

S S Tools (India) offers a wide range of Electric Screwdriver, Carbon Brushless. Features are: some of the benefits of the 3rd generation technology, high quality, patented M&L



electric screwdriver are patented clutch with 3% deviation of torque, assure the best quality economy; special mechanical structure and new brushless motor gives low noise and high accuracy; the product range includes all types of pneumatic tools, power tools and accessories; the company is known in the field of pneumatic tools and power tools, like Uno air pneumatic tools and accessories, Kyowa torque controlled electrical screw drivers, BM screw bits and sockets, and THB airline accessories (FRLs/QRC/blowers/PU tubing). The company is the leading manufacturer, importer, exporter of high quality industrial tools and equipments.

Contact:

**S S Tools (India) Pvt Ltd**  
211 Kucha Tiku Shah, Ajmeri Gate  
New Delhi 110 006  
☎ 011 – 2323 8333 • Mob: 93508 21503  
E-mail: sstoolsdelhi@gmail.com

## Double Deck Pallet, DDP 1212

Stakall offers Double Deck Pallet DDP 1212, designed to store 4 drums per pallet. Features are: Stackable up to 3 high Gr+2; compatible with forklift; lightweight low maintenance, durable, cost effective and above all of consistent quality; load canting capacities from 500 kg to 4000 kg per pallet; compatible with all types of material handling equipment; two way entry type pallets are preferred for use in heavy duty racking system; the box type constructor of the pallet makes it resistant to sagging and collapsing even under heavy loads; and it is 2 way entry, reversible type, static load capacity – 3000 kg; dynamic load capacity – 1000 kg; colour – blue/grey; the pallets can be stacked up to three level high. The company is a manufacturer and exporters of steel pallets, drum pallets, cage bins, and much more and also manufactures a wide range of storage solutions.



Contact:

**Stakall**  
Plot No: 13, Taluka Industrial Cooperative Estate  
Gaurai Pada, Sector 2, Golani Naka, Vasai East  
Palghar, Maharashtra 401 208  
Mob: 86000 47373 • E-mail: marketing@stakall.in



## Slant Bed CNC Lathe UNITURN 400 HD/TM

UNITURN 400 HD is a slant bed CNC Lathe flexible to meet varied needs of customers from different Industrial sectors like automobile, defence, medical, pumps and valves and other general engineering applications. This machine is capable of machining a wide range of parts of various materials having a diameter up to 200 mm and a length of 400 mm. Features: Machine is highly rigid as it is equipped with best in class size LM Roller Guides with wide span; A wide range of spindle sizes (A2-4, A2-5, A2-5 LB and A2-6) and spindle Power (3.75 kW/5.5 kW/7.5 kW) are available to suit the needs of customers; Specially designed circular headstock without thermal distortion and expansion fitted with precision angular contact ball bearings and roller bearings enable take up high axial and radial loads. This coupled with the legendary spindle precision of Gedee Weiler (< 0.003 microns) delivers unmatched precision on components. Uniturn 400 can be offered optionally with live tool turrets of 8-station or 12-station of Indian or Imported makes. The Company's rich experience in offering special work holding devices, angular tool heads, bar puller, parts catcher, high pressure coolant system, etc, makes the machine flexible to suit the customer needs.

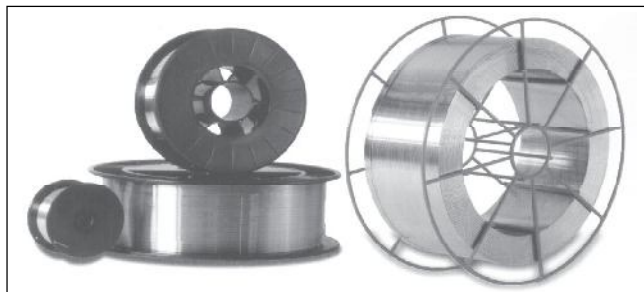


Contact:

**Gedee Weiler Pvt Ltd**  
Vellalore Road, Podanur Post, Coimbatore  
Tamil Nadu 641 023  
☎ 0422 – 241 3513, 241 3908 • Fax: 0422 – 241 3528  
E-mail: sales@gdweiler.com

## SS Welding Wires

Venus Wires Industries Pvt Ltd supplies SS Welding Wires such as MIG Wires for GMAW (MIG) Process; Submerged Arc Wires for SAW Process; TIG Wires for GTAW Pro-



cess; Core Wires in cut lengths and coils for manufacturing of Manual Metal Arc Welding Electrodes; etc.

Contact:

**Venus Wires Industries Pvt Ltd**  
Mehta Mahal, Opera House, Mumbai 400 004  
☎ 022 – 4887 1000 • Fax: 022 – 4887 1045  
E-mail: venuswires@venuswires.com

## Circular Saw Machine Model ITL CSM90

ITL Industries Ltd offers Circular Saw Machine Model ITL CSM90 with Pneumatic Feed. Features: Sturdy construction with heavy duty base; Ergonomically designed, easy to use and maintain; Specially designed gearbox for pipe and solid cutting applications; Quick Clamp and Release arrangement for fast production; Manual/Pneumatic feed options; Suitable for HSS as well as TCT blades; Separate coolant tank and recirculating pump; Vice job clamping through pneumatic cylinder (Optional); Job supporting roller table (optional); and Mechanical length setting (Optional). Specifications: Dimensions and weight – Length: 1400 mm; Width: 700 mm; Height without machine base: 750 mm; Height with machine base: 1500 mm; Total weight without machine base: 200 kg (approx.). Power Characteristics – Saw motor power: 1.8/2.2 HP; Cutting speed (Dual): 45/90 MPM; Dimensions of Saw Blade: 315 (dia) x 2.5 (Kerf) x 32 (Bore) mm.



Contact:

**ITL Industries Ltd**  
111 Sector – B, Sanwer Road, Industrial Area  
Indore, Madhya Pradesh 452 015  
☎ 0731 – 710 4400, 710 4409 • E-mail: marketing@itl.co.in

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Mobile: 98241 30918, 93770 03336 • Website: www.heat-coolfin.com  
E-mail: heatcool@rediffmail.com / heatcoolvapi@gmail.com

## Digital Ground Tester

SM Systems offers a wide range of Digital Ground Testers. Features are: the complete kit of instrument, test leads, stakes, batteries and calibration certificate are delivered in a tough polypropylene carry case – everything you need to start testing in one kit; the ground tester is rated to IP54 making it truly an outdoor instrument; the ground tester has been designed to be easy to use – a large selector switch makes selection of 2 and 3 pole test easy with gloved hands and the design makes the fitting of shorting links to perform 2 pole tests a thing of the past; the instrument also includes a voltmeter to allow you to measure the ground voltage; the ground tester can measure resistance from 0.01 Ω through to 2000 Ω and earth voltages up to 100 V to allow accurate testing in noisy environments the instrument is capable of rejecting noise of up to 40 V peak to peak; the megger digital ground tester is powered by eight AA batteries, which are widely available and also give excellent testing time – the status of these batteries is given by a bar graph on the LCD allowing you to decide when to change the batteries; and the megger ground testers are designed to meet stringent safety standards and are rated CAT IV 100 V. The company is engaged in supplying a wide range of electronic instruments. The comprehensive range of instruments includes megger diagnostic insulation tester, low resistance and micro ohm meter, digital clamp meter, earth resistance tester, etc.



Contact:

**SM Systems**

No: 18, 1st Floor, Mamta Anand Sankul  
Near Fame Multiplex  
Nashik Poona Road, Nashik, Maharashtra 422 006  
☎ 0253 – 2410 497 • Mob: 99707 56222  
E-mail: marketing@smsystems.co.in

## CO<sub>2</sub> Welding Cables/MIG Torch Cables

Jinshiji Cables Group Co, Ltd offers CO<sub>2</sub> Welding Cables/



MIG Torch Cables Aluminium Alloy Welding Cables, CO<sub>2</sub> Welding Single Cable, Aluminium Alloy Cable MIG Torch, etc.



Contact:

**Jinshiji Cables Group Co, Ltd**  
BHUMI World Industrial Park,  
Plot No: A5, Pimplas Village,  
Off Mumbai Nashik Highway, Nr: Bhiwandi Bypass  
Bhiwandi, Maharashtra 421 302  
Mob: 70281 18562 • E-mail: jsjweld@gmail.com

## Box Compression Tester

Perfect Services & Sales Corporation offers a wide range of Box Compression Tester. Features are: the system is made of a set of plates, one is attached to the load measuring arrangement and the other is movable plate, which is move with the help of motor, gearbox, and screw and nut arrangement, the movable plate have the facility of over travel and under travel; the load measuring arrangement is of digital type; the box of which the compression strength is to be determined is placed on the lower plate, due to the motion of the movable plate the box is compressed and the compression load is directly read out on the digital indicator on the panel; and the deflection of the box also measured with the help of the digital deflection indicator. The company is a manufacturer, exporter and trader of a range of testing instruments, process control instruments and measuring instruments.



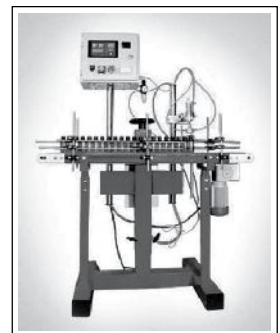
Contact:

**Perfect Services & Sales Corporation**

E-1 Basement, Nehru Ground, NIT  
Faridabad, Haryana 121 001  
Mob: 96504 80777 • E-mail: perfectservices2010@gmail.com

## Bottle Leak Testing Machine

Marketing Engineers offers a wide range of Bottle Leak Testing Machine in different specifications to meet the diverse requirements. Features are: high functionality; durable; reliable; detects micro holes with great repeatability; stores up to 10 different parameter settings and are adjustable during testing; easy height regulation with one hand wheel; reflector less photocell for very quick and exact positioning; Festo and imported make valves and cylinder; imported pressure sensor for accurate and consistent measurement; custom built controller with a 2 x 16 character LCD; and integrated 5 digit pass and fail counters; variable speed drive with linear acceleration/acceleration adjustment. The company manufactures, and exporting a wide range of welding, sealing and leak testing machines. which includes leak testing machine, ultrasonic plastic welding machine and ultrasonic tube sealing machine.



Contact:

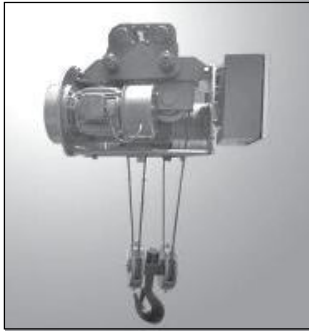
**Marketing Engineers**

Plot No: 1A, Ohm Infrastructure, Behind New GIDC  
Village Dehri, Umargam, Gujarat 396170  
☎ 0260 – 256 2257, 256 2258  
Mob: 93244 75888 • E-mail: mekdm@mtnl.net.in



## Electric Wire Rope Hoist

Pegasus Technocrats offers a wide range of Electric Wire Rope Hoists. Features are: electric wire rope hoists are made in accordance with international standards; known for noiselessness, trouble free performance, less maintenance and compact designs, range is available with fix suspension, geared trolley and power trolley; can be customised as per the given requirement; electric wire rope hoist optional features trolley can be customised for curved path; electric wire rope hoists are designed for medium duty as standard; and height of lift can be customised as per requirement; speed of hoisting, cross travel, creep speed, cross travel brake and limit switch can be customised. The company is a manufacturer, and supplier of the wide range of freight lifts, electric hoists, freight elevators, goods lifts, overhead travelling cranes and electric wire rope hoists.



Contact:

**Pegasus Technocrats**

**D No: 23, Kempaiah Garden, Peenya Industrial Area  
Bengaluru, Karnataka 560 058  
☎ 080 – 2836 7675 • Mob: 98865 24050  
E-mail: info@pegaasus.com**

## Laser Welding Machine

Wila CNC India Private Limited offers Laser Welding Machine. Technical Specifications – Laser Power: 500 W, 1000 W, 1500 W; Center Wavelength: 1080 nm; Output Power stability: < 3%; Laser frequency: 50 Hz – 5 kHz; Adjustable power range: 10-100%; Beam quality: 1.1; Optimal operating environment: Temperature 0-50°C, humidity 20% - 80%; Electricity demand: 1000 W (AC 200 V/10 A), 1500 W (AC380 V/20 A); Output fibre length: 15 m; Cooling method: Chiller inside; Dimensions: 104 x 60 x 120 cm; Weight: 200 kg; Laser power: 500 W, 1000 W, 1500 W; Center wavelength: 1080 nm; Output power stability: < 3%; Laser frequency: 50 Hz – 5 kHz; Cabinet: Dapeng fiber welding cabinet; Laser source: Raycus; Welding head: 120° ergonomic wobble welding head; Chiller: 1.2 P Double chilling; Laser control system: Touch screen; Handheld safety controller: Prevent accidental laser emit.



Contact:

**Wila CNC India Private Limited**

**Sy No: 34/6B, Kachohalli, Lakshmipura PO, Dasanapura  
Hobli, Bangalore North Taluk, Bangalore, Karnataka 562 162  
Mob: 97422 79422, 99869 40600 • E-mail: info@wilanc.in**

## Light Duty Racking

Spanco Storage Systems offers a wide range of Light Duty Rackings, which are ideal for a variety of applications including offices, cool rooms, retail environments and storage areas. Features: it's a cost effective, light duty bolted system, ideal for smaller or bulkier but lighter applications; it is available at a fraction of the cost of pallet racking. Shelves can be easily adjustable as per height required of each compartment; the front profile is ideal for fixing labels. The edges are not sharp, avoiding injuries. Shelf /panel made by 06/08 bend profiles; and starter and add-on units combine to form economical rows of shelving. The length of the shelf corresponds with most types of cartons and plastic containers. The double folded corners which are clinched provide a high rigidity and resistance against impact loads. The company is a manufacturer and supplier of industrial storage racking systems. These are appreciated and rigid construction.

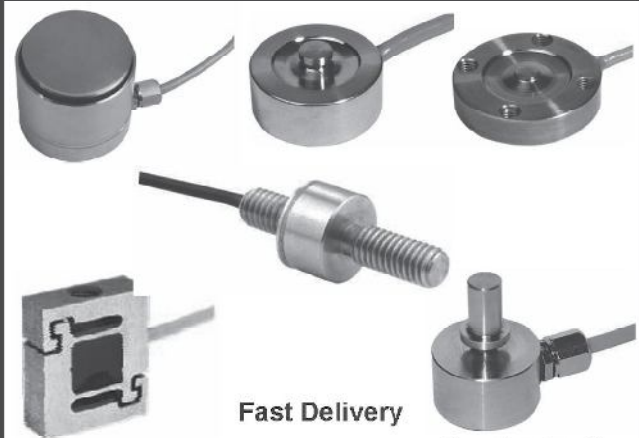


Contact:

**Spanco Storage Systems**

**Plot No: 83, 24, Road Number 1  
Industrial Area, Mundka, New Delhi 110 041  
☎ 011 – 6463 6465 • Mob: 98110 15963  
E-mail: info@spancostorage.com**

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Contact:

**Haris Sensor Technologies Private Limited**

223, Shanti Industrial Estate, Sarojini Naidu Road,

Mulund (West), Mumbai - 400 080 / INDIA.

Telefax: [+91-22] 2567 2147, 2204, 2205

Mobile: +91-98200 84083

E-mail: info@haris.in | Website: www.harissensor.com

## Rotational Moulded Products

Dolphin Storage Systems offers a wide range of Rotational Moulded Products. Features are: these products are made from butane and octane grade with higher tensile strength and flexural modulus; these products are UV stabilized with higher light fastness, anti-microbial and FDA approved; these products are made from stress free and seamless process, so life of the products is long and maintenance free; and its state-of-art technology



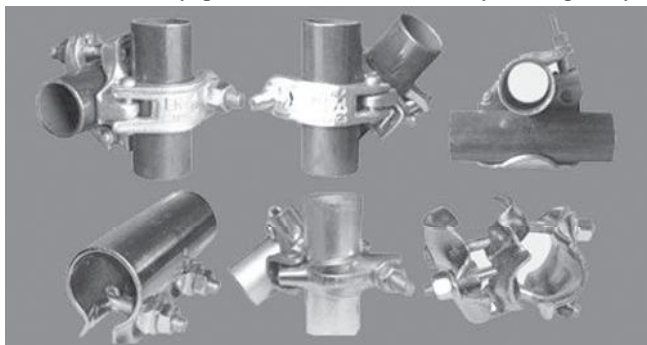
creates precise, innovative products, which are cost effective and also dependable. The company is a leading manufacturer, supplier and exporter of customized plastic LL-DPE and HDPE rotational moulded products like: machine guard, fuel tank, chemical tank, defense products, septic tanks, planters, dustbins and other wide range of products are available with different types of sizes and shapes.

Contact:

**Dolphin Storage Systems Pvt Ltd**  
Plot No: 1005-A, Phase-3, GIDC, Wadhwan City  
Surendranagar, Gujarat 363 035  
Mob: 99797 24100  
E-mail: [dolphin\\_deepak@yahoo.co.in](mailto:dolphin_deepak@yahoo.co.in)

## Scaffolding Accessories

Aegis offers a wide range of Scaffolding Accessories. Features are: these accessories are precisely manufactured using top grade raw material and technology; checked on various industry parameters for durability and quality;



provided at industry leading prices; less maintenance cost; easy installation; resistant to rust; and its features include long working life, technical efficiency, customised facilities and high load-bearing strength. The company is a manufacturer, and trader of scaffolding products that include tie rod, U heads, and base jack; also provides Services for these products.

Contact:

**Aegis Scaffolding Services Pvt Ltd**  
Flat No: 705, B Wing, Patidar Complex  
Kannamvar Nagar II, Vikhroli, Mumbai 400 083  
Mob: 99304 50958 • E-mail: [aegisscaffolding@gmail.com](mailto:aegisscaffolding@gmail.com)

## Digital Pen Type Vibration Meter

Bright Medi-Weld Appliances offers a wide range of Digital Pen Type Vibration Meter. Features are: the level of vibration is a useful guide to machine condition; poor balance, misalignment and looseness of the structure will cause the vibration level increase, a sure sign that the maintenance is needed; pen type digital vibration meter, vibration sensor is built in, all in one; acceleration, velocity measurement, RMS measurement value; metric and imperial display unit; frequency range 10 Hz - 1 kHz, sensitivity relative meet ISO 2954; microcomputer circuit, intelligent function, high accuracy; LCD, easy read out; complete set with the test pin and the magnetic base are the standard accessories; built-in low battery indicator. The company is a manufacturer, supplier and exporter of premium quality welding, medical, fumigation and safety products.



Contact:

**Bright Medi-Weld Appliances**  
Old Anjirwadi - B, Ganesh Mandir Trust Lane  
Rubber X Compound, Opp: Hasanabad  
Byculla, Mumbai 400 010  
☎ 022 - 2345 2004 • Mob: 98338 59651  
E-mail: [hdhoondia@gmail.com](mailto:hdhoondia@gmail.com)

## Universal Hardness Tester

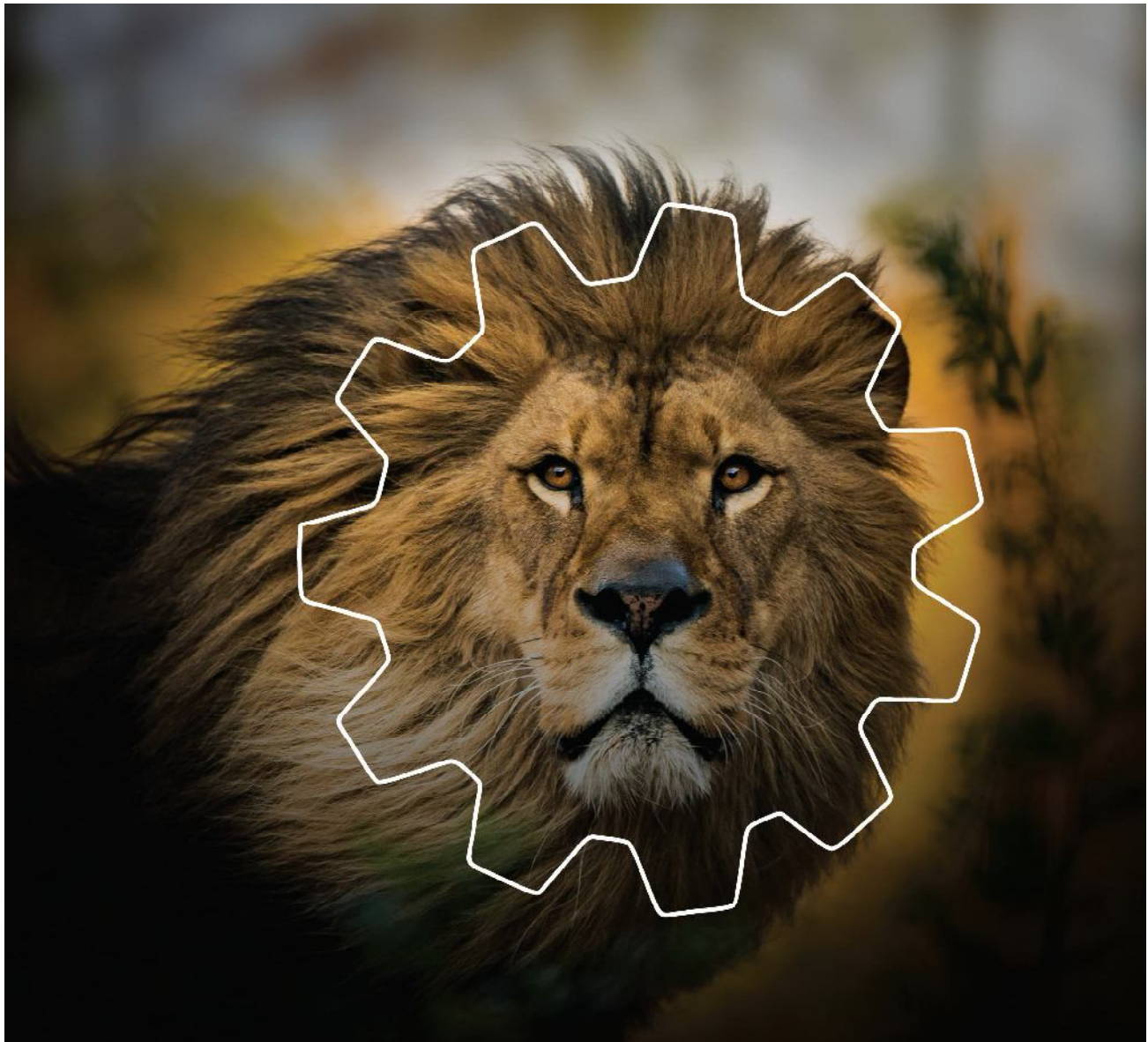
M M Engineers offers a wide range of optimum quality Universal Hardness Tester. Features are: the provided hardness tester is tested on varied quality parameters; provides accurate results and high strength; easy to read; light weight; sturdy construction; motorised system for application and removal of major load; minor load setting by LED bar graph; keyboard entry for scale selection; high low indication for hardness value; three modes of operation of machine; motorised automatic mode, motorised mode, manual mode; inventor is guided in linear bearings facilitates to test small diameter jobs; serial interface (optional); extra scale requirement other than STD scales; conversion of scales/correction factor (optional). The company engaged in supplying, trading and wholesale of a wide range of premium quality testing machines and equipment. The offered range of testing machines is designed and developed by experts with vast knowledge of this domain.



Contact:

**M M Engineers**  
B- 502, Silver Oak, Vasant Garden  
Opp. Willows Tower, Mulund West, Mumbai 400 080  
☎ 022 - 2164 3227 • Mob: 98921 55685  
E-mail: [response@hardnesstestersindia.com](mailto:response@hardnesstestersindia.com)





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## Capacitor Discharge Projection Welding Machine

This is a resistance welding process in which energy is stored in a bank of capacitors by charging to a pre-set voltage and then discharged through a pulse transformer.

As very high current is passed in a very short duration of time the resulting weld quality is excellent with negligible discoloration and deformity. CD projection welding machine is ideally suitable for welding thick materials within the shortest period. It is the best choice for bulk production with consistent quality for manufacture of wide range of products. As a leading manufacturer of stud and projection welding machines, Oorja Weld Tech ensures easy to operate range of machines with customization to meet the needs and demands of clients. Features:



Compact, Sturdy designs for continuous production; Microprocessor based programmable controllers with options of Touch Screen and LCD available with weld programs for different jobs; Password protected for voltage, current, Time and Weld Count; Weld Checker – Weld quality monitoring for each weld (Peak current, Peak Time, Total weld counter); Inbuilt pressure sensor to interrupt the welding cycle if the air pressure falls or rises above the permissible limit. Advantages: Input voltage fluctuations do not affect the weld quality; Low installation and operating cost of the machine; Significant reduction in power (kVA) demand as compared to conventional resistance welding machines; Blackening and distortion at weld joint are hardly noticeable leading to excellent aesthetics and leaving almost no mark on the other side of the weld; Welding near heat sensitive parts is possible; Dissimilar metals welding possible; Water-cooling not required for electrodes due to very short weld times. Applications: Projection Nut/Bolt welding of Automobile components; Sheet metal fabrication; Auto Electrical; Stainless steel Cookware; Leak proof welds of fabricated stainless steel impellers; Switchgear, while goods; Control panels and cabinets and cap-nuts; Carbon brush assembly; Hollow metal doors for clean-rooms; Heavy duty transformers; Batteries; Name plate welding for hydraulics; Semiconductors; Super market display; Diamond tools; Ball to Rod welding; Brake shoe, Relays and Switchgear components; Aero engine and Aerospace components.

Contact:

**Oorja Weld Tech**  
#12 1<sup>st</sup> Cross, Thigalarapalya Main Road  
Peenya 2<sup>nd</sup> Stage, Bangalore  
Karnataka 560 058  
Mob: 98900 84085  
E-mail: oorjaweldtech@gmail.com

## MIG/MAG Welding Machine

Colton Industries offers a new generation of intelligent MIG/MAG welding machines with advanced micro-controllers and self-diagnostics to meet the professional requirements of the industry. Features:

Excellent weld quality/Low spatters; Self-diagnostic design-advanced microcontrollers; Temp controlled fan; Single phase prevention; Thermal overload protection; Perfect ignition due to soft start; 100% copper wound transformer choke; Solid state PCB-trouble free performance;



Low energy consumption/high efficiency. The new EN-DURA IM Series represents the un-compromised move towards performance and reliability in this demanding world. These simple and sturdy machines are easy to operate, easy in troubleshooting and offer excellent welding results on steel, stainless steel and aluminium metals. Temperature controlled cooling, where the fan operates only when required, reducing power consumption, noise and amount of air borne contamination into the machine; Displays thermal overload protection along with the part that senses the overload. Helps prevent damage if the duty cycle is exceeded or airflow is blocked, and eases troubleshooting. Displays Single phase protection along with the specific missing line thereby preventing misuse and reducing downtime. Digital panel meters are fitted as a standard and are easy to read at night and at a distance. The switch and PC boards are placed in a low dust compartment. 230 V AC receptacle at the rear provides auxiliary power for per heater; Specially designed transformer for low energy consumption/high power factory/high efficiency; and Compact and sturdy wire-feeder for trouble-free performance.

Contact:

**Colton Industries**  
17, II Cross, KG Halli, Jalahalli West  
Bangalore, Karnataka 560 015  
☎ 080 – 2838 3643 • Telefax: 080 – 2838 0435  
E-mail: info@coltonweld.com

## Premium Welding Consumables

Varun Electrodes Pvt Ltd, an ISO 9001: 2015 Certified Co offers Premium Welding Consumables like Mild Steel Electrodes, Stainless Steel Electrodes, Low Hydrogen Electrodes, Hard Facing Electrodes, Cast Iron Electrodes, MIG/TIG Wires, Saw Wires, etc.

Contact:

**Varun Electrodes Pvt Ltd**  
9/10 Anupam Commercial Complex  
A-Block Community Center, Paschim Vihar  
New Delhi 110 063  
☎ 011 – 2522 0012 • Mob: 98998 03671  
E-mail: info@varunelectrodes.com



## PVC Insulated Wires

Chandra Electrical Industries manufactures PVC flexible wires as well, an also known as PVC hook-up wire, which finds application in electronic and lighting industry. These



cables are manufactured with annealed tinned copper conductor (ATC) or annealed bare copper wire (ABC). The wire is available of desired construction. Parameters like number of cores, number of bunched conductors, diameter of each conductor, outer diameter of the insulation and colour of PVC insulation can be customized according to customer requirements. The Company also supplies PVC wires in cut and strip form. Packing: as per customer's requirements. Applications: Internal Wiring of appliances and electronics. Certification: UL, RoHS, ISI and REACH Compliant.

Contact:

**Chandra Electrical Industries**  
7/18 Kirti Nagar Industrial Area, New Delhi 110 015  
☎ 011 – 4513 1701, 4564 938  
E-mail: [cei@chandraelectrical.com](mailto:cei@chandraelectrical.com)

## Grease Gun Barrel

Taparia Tools launches Grease Gun Barrel. The powder coated blue colour body with smooth, glossy finish and bright Ni-Cr Plated plungers give it a sturdy and powerful look. This Grease Gun Barrel is made from high quality steel sheets of 1.2 mm thickness and the Gun head is made from aluminium die casting/cast iron for better life. These properties together enable to produce a grease gun that withstands the abuse of even the harshest lubrication environments. While extremely durable, the lever assisted fabricated handle with soft grip makes this product comfortable to use. Its uniquely designed precision fit plunger rod prevents lubricants bypass for smother operation and longer life. Delta Handle, Steel Spout with four Jaw coupler significantly reduce user fatigue. Other features that are worth a mention include a sophisticated hose extension with different greasing nipples. This Tool will quickly become a "must have" for technicians everywhere.



Contact:

**Taparia Tools Ltd**  
423/424, A-2 Shah & Nahar, Lower Parel (W), Mumbai 400 013  
☎ 022 – 6147 8600 • E-mail: [sales@tapariatools.com](mailto:sales@tapariatools.com)

## TUMBLE KART - Automatic DUMP & RETRACT.



The Kart's unique and **First of its Kind 'DUMP & RETRACT'** mechanism makes it convenient and comfortable for use.

Max Load bearing capacity of the Kart box is 100 kilograms and its volume is 90 litres.  
500(W) \*560(L) \*480mm (H)

For easy & quick Loading or Shovelling the Kart Box can be positioned in two ways as shown in picture 1 & 2.

Two 16" Hard Rubber wheels with steel rims are fitted with two 'ZZ' bearings on **each wheel** for all terrain use.

Tumble Kart's heavy duty fabrication makes it Rigid & Durable.

Click on the link below for **YouTube Video**:  
<https://www.youtube.com/watch?v=uEbj6x8X1Ds>  
Customer specific sizes undertaken

Contact:

**Sterling Tools**

D-190, Industrial Estate, Gokul Road  
Hubli 580 030, Karnataka. INDIA.  
Tel: +91 836 233 2756 / +91 836 233 4191  
E-mail : [sterling\\_tool@yahoo.co.in](mailto:sterling_tool@yahoo.co.in)



Message "Tumble Kart" to  
+91 98866 76618 for video clip.

Website : <https://sterlingtool.co.in>

## Articulated Industrial Robot

MTAB Engineers offers MTAB AR Series of Articulated Industrial Robots that are designed to offer customers sturdy, performance driven robotic solution. This robot is offered with 6 kg payload. Designed and built in India, the robots offer easily accessible automation and productivity solution to customers in micro, small, medium business sectors; Features: Adaptable to shop floor environment; Rugged, rigid with high speed performance; Mounting on floor, wall, ceiling; Flexible range of applications; Integrated with CNC for Machine Trending. Applications: Machine tending, Assembly, Fastener Fixing, Soldering, Drilling, Deburring, Conveyor Tracking, Vision, Inspection, Pick and Place, Laser Engraving, and Glue Dispensing. Specifications – Wrist Payload: 6 kg (max); Max Working Radius: 900 mm; Number of Axis: 6; Max Speed – A1: 180°/s, A2: 160°/s, A3: 180°/s, A4: 225°/s, A5: 225°/s, A6: 225°/s; Max Operation Area: A1: ±170°, A2: +150/-65°, A3: +90/-135°, A4: ±170°, A5: ±90°, A6: ±360°. Weight: 70 kg; Position Repeatability: 0.05 mm; Working Temperature: 0-45°C.



Contact:

**MTAB Engineers Pvt Ltd**  
Plot No: G26 A, SIDCO Industrial Estate  
Kakkalur, Thiruvallur Dist, Tamil Nadu 602 003  
☎ 044 – 4311 1113 • E-mail: sales@mtabcnc.com

## Thread & Spline, Rolling Machine & Scaffolding Machines

HTMT offers Thread and Spline, Rolling Machine and Scaffolding Machines. Model TRM - the 30 ton Circular Thread/Form Rolling Machine is based on the renowned principle of symmetrical movement of both roll shafts. A feature, circular ground guide bars, was incorporated for enhancing the rigidity of the machine. The hydraulic system made up of standard elements ensures a continuous, steady 30 ton thrust. The tilting of the shaft makes thru feeding simple and easy. Also there is an automated centralised lubrication on system, which minimises maintenance. TRM-30 is also used extensively for burnishing and straightening (engine valves).

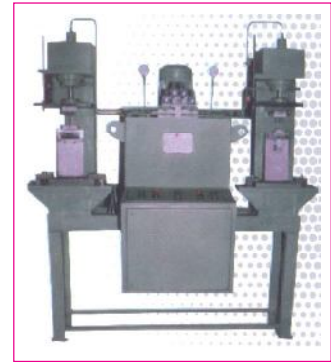


Contact:

**H.T.M.T Private Limited**  
Plot No: 4-161, Madhavinagar, Ferozguda  
Balanagar, Hyderabad, Telangana 500 011  
☎ 040 – 2377 2601 • Mob: 95531 50762  
E-mail: htmtprivtltd@gmail.com

## Hydraulic Presses

Deepa Hydraulics manufactures all types of Hydraulic Presses, Power Packs and Cylinders. The Range includes: Baling Press, Rubber Molding Press, Hydraulic Stamping Press, Multi-Purpose Hydraulic Press (Photo), Double Acting/Triple Acting Bailing Press (Metal Scrap). Industries Served are: Automobile; Ceramic and Refractory; Kitchen Equipment; Research Centres and Laboratories; Rubber, Tyre, Wood; Construction; Earth Moving; Foundry and Steel Mill; Machine Tool; Material Handling Equipment; Coir and Chemical and Process.



Contact:

**Deepa Hydraulics**  
No: 7, 8<sup>th</sup> Cross, Rajagopal Nagar Main Road  
Ganapathi Nagar, Peenya Industrial Area  
Bengaluru, Karnataka 560 058  
Mob: 98452 37670 • E-mail: deepahydraulics4@gmail.com

## Drawn Arc Stud Welding Machine

Oorja Weld Tech supplies Drawn Arc Stud Welding machine. Drawn arc stud welding is a process by which a metal stud is joined to a metal work piece by heating both parts with an electrical arc. The advantage of this process is that the fastener is attached to the work piece without marring the other side while providing maximum weld penetration and reliability. Advantage of Drawn Arc: Machine is simple to use; Requires very little skilled labour; High Weld strength – full cross-sectional weld; The bond is stronger than surrounding metal; Increases loading capacity of structure; The one-sided fastening process permits greater design versatility; Increased productivity; Economic advantages – savings on labour and fabrication costs. Specifications: Model QUE 25 – Diameter of stud: M12 – M25; Material: MS, SS; Max Weld Current: 2500 A; Weld Time: 100 – 2500 milliseconds; Gun Type: Gap Type; Gun Cable: 415 V, 3-phase, 50 Hz; Electric Power: 30 m; Generator: 250 kVA. Applications: Pre-engineered buildings; Heavy fabrication; Steel buildings, and Bridges; Railways; Wear Resistant Plate fixing; Automotive; Farm equipment; Furniture construction; Metal products – conduit and piping; and Shipbuilding.



Contact:

**Oorja Weld Tech**  
#12, 1<sup>st</sup> Cross, Thigalarapalya Main Road  
Peenya 2<sup>nd</sup> Stage, Bangalore, Karnataka 560 058  
Mob: 98900 84085 • E-mail: oorjaweldtech@gmail.com





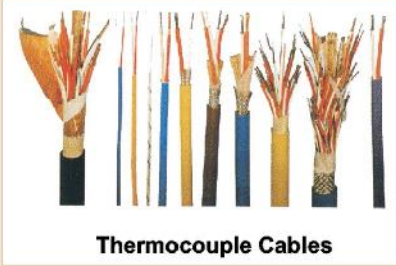
# Think Temperature Sensing Think **british** ELECTRICALS



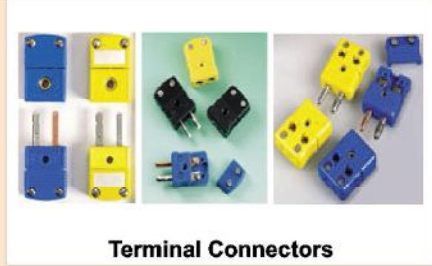
**M.I. Thermocouple Cables**



**M.I. Power Cables**



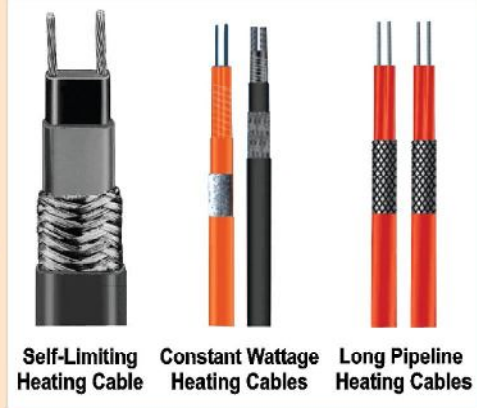
**Thermocouple Cables**



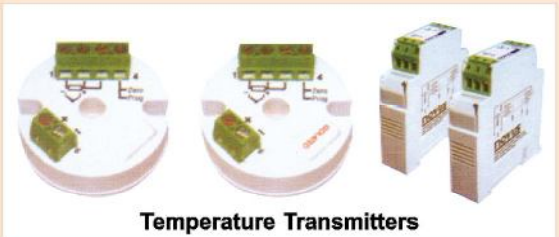
**Terminal Connectors**



**Lab Furnaces**



**Self-Limiting Heating Cable    Constant Wattage Heating Cables    Long Pipeline Heating Cables**



**Temperature Transmitters**



**PID Controller**



**Relative Humidity & Temperature Transmitters**



**CERAMIC INFRARED HEATER**

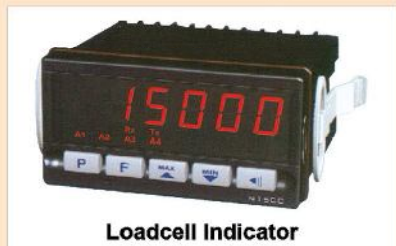
**Short Wave Infrared Heater**



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**Pushbutton Switches**



**Loadcell Indicator**



**Panel Accessories**



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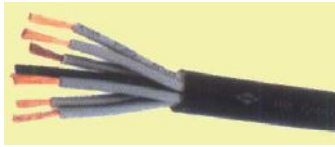


237/8, Sonal Link Industrial Estate, Building No: 2, Link Road, Malad (W), Mumbai 400 064  
Tel. : 022 - 4062 0000 • Fax : 022 - 4062 0099  
E-mail: sales@britishelectricals.com    Website: www.britishelectricals.com

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## Control Cables

HPL Electric and Power Ltd offers Control Cables. Features: Range – 1.5 and 2.5 sq mm up to 37 core, 1100 volt grade conforming to IS: 1554-1/1988 and IS 7098-1/1988; Solid/Stranded 100% pure annealed Electrolytic copper conductor; Insulation PVC/XLPE/HR; Armoured/Unarmoured – GI Round wire/Flat Strip; Outer Sheath PVC (ST-1 and ST-2)/FR-LSH/FR/ZHFR; Heavy Duty Performance; Best combination safety; Efficient and economical; Use in Process Control, Communication and Panel control. The Company's other products range includes: Domestic and Industrial Wires; Co-axial Cables (CCS and CU), Submersible Cables; Multi-core Flexible Cable as per IS:694/2010; Telephone Cables, Instrumentation Cables, Networking Data Cables, Fire Alarm and Fire Survival Cables, Flat Elevator Cables, CCTV Cables, DC Solar Cables, etc.



Contact:

**HPL Electric and Power Ltd**  
Windsor Business Park, B-1D, Sector 10  
Noida, Uttar Pradesh 201 301  
☎ 0120 – 465 6400 • Fax: 0120 – 465 6333  
E-mail: [hpl@hplindia.com](mailto:hpl@hplindia.com)

## Furnace Transformers

Transformers & Rectifiers (India) Ltd is a leading manufacturer of Power, Furnace and Rectifier Transformers and maintain a leading position in the T&D industry. The Products Range is: Furnace Transformer up to 120 kA: Arc Furnace Transformer, Submerged Arc Furnace Transformer, Ladle Furnace Transformer, Induction Furnace Transformer, and DC Arc Furnace Transformer. Rectifier Transformer up to 160 kA DC: 6 Pulse Transformer (IPT), 12/24 Pulse Transformer (PT and Double Deck Construction), and 12/24 Pulse Transformer (Bridge Connection); Power Transformers up to 1000 MVA, 1200 kV Class: Generator Transformer, Power Transformer, Interconnecting Transformer, Unit Auxiliary Transformer, and Station Auxiliary Transformer; Distribution Transformer: Ratings above 315 kVA, 11 kV/0.4 kV. Specialty Transformers: Locomotive Traction Transformer, Series and Shunt Reactors up to 765 kV, Mobile Sub-station Transformer, Earthing Transformer and Reactor, and Solar Application Transformers, etc.

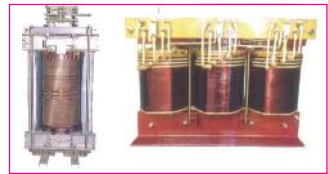


Contact:

**Transformers & Rectifiers (India) Ltd**  
Survey No: 427 P/3-4 & 431 P/1-2, Sarkhej Highway  
Village: Moraiya, Taluka: Sanand  
Dist: Ahmedabad, Gujarat 382 213  
☎ 02717 – 661 661, 661 500  
E-mail: [indltrafo@transformerindia.com](mailto:indltrafo@transformerindia.com)

## Transformers

EPI Electricals Private Limited manufactures transformers and inductors. The Products Range includes: Wound components using Copper or Aluminium, Strips and Foils; Insulation Class-H and Class 220; Single Phase and Three Phase Transformers rating up to 3000 kVA; and Single Phase and Three Phase Reactor Rating up to 2500



Substation.

Contact:

**EPI Electricals Private Limited**  
EL-103, TTC Industrial Area, MIDC-Mahape  
Navi Mumbai 400 710  
☎ 022 – 2768 5042, 2768 5043 • E-mail: [epi@epind.com](mailto:epi@epind.com)

kVA. Special applications: Load Balancing Unit; Inductive and Resistive Load Bank; Modular Capacitor Bank for Testing; Earthing Transformer; and Compact

## Wires & Cables

Siddhi Electrotech Cables Pvt Ltd manufactures standard and customized electronic wires and cables, power cables and moulded cords. Electronic wires are used to carry data or low voltage signal, while Electrical wires are used to carry current at high voltage. The Company's brand, Prime Cables has served virtually every industry and market. The certifications include CE, RoHS, ISI and UL, which enable to provide customers with a wide range of certified products as per Indian and International standards. Every cable produced is tested at the company's in-house lab by the QC team, to ensure that it meets industry specifications or customers' requirements. The range of products is: ISI Panel Wires, Appliance Wiring Material, LIYY/LIYCY Cables, Power Cords, Flexible Wires, Multi Core Shielded Cables, Multi Core Unshielded Cables, Co-axial Cables, CCTV Camera Cables, Speaker Wires, Multi Core Power Cables, HDMI Cables, etc. These products find applications in industries like Security and Surveillance; LED Lights; Wire Harness; Home Appliances; Medical Devices; Electronic; Government Agencies; Automation; Construction, and Entertainment.



Contact:

**Siddhi Electrotech Cables Pvt Ltd**  
EL-98, TTC Industrial Area, MIDC  
Mahape, Navi Mumbai 400 701  
☎ 022 – 2761 4901, 2761 4904 • Mob: 91366 04904  
E-mail: [info@siddhicables.com](mailto:info@siddhicables.com)



## Borescope Inspection Camera, BR90

FLIR India offers a compact, portable, and easy to use, Borescope Inspection Camera Exttech BR90, which features a waterproof, flexible 8 mm camera probe on a goose-neck cable and a large colour LCD – fully loaded with everything you need for convenient inspections in the palm of your hand. The Borescope features a unique compartment to coil the camera probe for easy storage. Its 640 x 480 pixel resolution, 2x digital zoom, and built-in bright LED lamps help project viewed objects clearly on the large 4.3" (109 mm) color LCD. The monitor has adjustable brightness, 180° image rotation and mirror-flip feature, and video output. It is a fully loaded inspection camera at an affordable price! Features include: Waterproof (IP67) 8 mm diameter camera probe with 2.5 ft (77 cm) flexible goose-neck cable retains configured shape; 640 x 480 pixel resolution camera with four built-in bright LED lamps and dimmer function; Glare-free close-up field of view; Large 4.3" (109 mm) color TFT LCD monitor for viewing detailed images; 180° image rotation and mirror flip feature; Adjustable display brightness and 2x digital zoom; Video output for real-time viewing on a monitor (video cable not included); Low battery indicator; Complete with built-in camera probe, extension tools (mirror, hook, magnet, and fixture), 4 AA batteries, and soft carrying case.



Contact:

**FLIR Systems India Pvt Ltd**  
1111 D Mall, Netaji Subhash Place  
Pitampura, New Delhi 110 034  
☎ 011 – 4560 3555 • Fax: 011 – 4721 2006  
E-mail: flirindia@flir.com.hk

## Copper Coated SAW Welding Wire

Shakunt Enterprises (P) Ltd supplies Copper Coated SAW Welding Wire FABSAW EL-8. Its Applications are: Suitable for single or multiple pass welding on high tensile strength steel structure like: ship-building, machinery, bridges and general structures. It comes in packing of 25 kg in coil and 250 kg in M-Pack. Sizes: 1.60 mm, 2.00 mm, 2.40 mm, 3.20 mm and 4.00 mm.



Contact:

**Shakunt Enterprises (P) Ltd**  
B-XXIX-595/5, Campa Cola Road, Industrial Area-C  
Dhandari Kalan, Ludhiana 141 010  
☎ 0161 – 251 2691 • Mob: 92165 15713  
E-mail: info@shakunt.com

## Refrigerated Air Dryer

Pioneer Refrigeration Engg Co offers Refrigerated Air Dryer, which is used for instrumentation and process applications. Features: Tube in tube type evaporator; EFC free, Eco-friendly refrigerant used in system; No maintenance is required and gives a high degree of moisture separation. The precise and accurate hot gas bypass valve, which prevents the formation of ice inside the evaporator. The High Efficiency condensate separator is located within the heat Exchanger module. Applications: Automobiles, Breweries and Distilleries, Cement, CNC Machining, CMM Machines, Chemical, Food Processing, Foundry, General Instrumentation, Hospital, Packaging, Painting, Paper, Pharmaceutical, Power Plants, Printing, Textiles, Tool Room, etc.



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**Pioneer Refrigeration Engg Co**  
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MASYC, an ISO 9001-2008 certified company specializes in the field of Bulk Material Handling System, Conveyor Equipment, Crushers, Screens and Bag Filters etc. The company's Non-Reversible

Hammer Crusher is manufactured based on proven technology and in house strict quality control. It is used for size reduction/crushing. Material is broken first by impact between hammer and material and then



by a scrubbing action (attrition) of material against breaker plate. Size reduction starts by impact, when the hammer strikes the material as it enters the crushing zone. Shattered fragments are swept down into final crushing zone for further reduction at the pinch points between the hammers and the breaker plate. Oversize material remains in the machine until it is reduced sufficiently to fit through the hammer and breaker plate opening. This crusher is available with adjustable cages, a feature that permits the user to make changes in the product size of the crushed product. The tighter the clearance between breaker plate and hammer, the smaller will be the particle size of the crushed product. This Non-Reversible Hammer Crusher is used for hard coal, lignite, limestone, gypsum and other soft and medium hard material. This Hammer crusher has welded casing, screwed lining with high carbon steel plates and hammer path (one way) with wear resistant breaker plate, which is mechanically adjustable. Dust proof spherical roller bearings are provided. The crusher is provided with tramp iron deflector and tramp iron tray so that crusher is protected from un-crushable material. Hammer heads are made of manganese steel or as per customer requirement.

Contact:

**Masyc Projects Pvt Ltd**  
23 Community Centre, Mayapuri  
Phase-1, New Delhi 110 064  
☎ 011 – 2811 5453, 2811 5745 • Fax: 011 – 2811 6850  
E-mail: [masyc@masycproject.com](mailto:masyc@masycproject.com)

## Hydraulic Manual Stackers

Amit Engineering manufactures Hydraulic Manual Stackers, which offer dimensional stability, corrosion resistance, ease of operation and maintenance; and are widely used in industries and shops. Features: these equipment are designed using newest technique in machinery and auto machinery to ensure accurate alignments of parts; and its lays huge emphasis on the quality of products and this is the reason that it is the preferred choice of customers.

Contact:

**Amit Engineering**  
1378 Pawar Vasti, Opp: Saraswati School, B/h: Tata Motors  
Sector 13, Chikhali, Pune, Maharashtra 411 062  
☎ 020 – 2749 1070 • Mob: 94225 06872  
E-mail: [amitengineering@gmail.com](mailto:amitengineering@gmail.com)

## Super Enamelled Copper Wires

Akshay Insulated Conductors is a leading supplier of Enamelled Copper Wires for the Automobile Sector. Products Range: Wire arrange of Super Enamelled Copper Wires



ranging from 1.00 mm to 0.100 mm (19 swg to 42 swg) with an enamel covering of: Polyamideimide (Class C); Polyester amide (Class H), Polyester (Class F); Polyurethane ie



Self Solderable (Class F and Class H); Dual coated and self-bonding. The Company also make Litz wires for some of their customers for their specified applications. The range for Annealed Bare copper wire is from 6 mm to 0.01 mm.

Contact:

**Akshay Insulated Conductors**  
402 Delite Square, Plot No: 25, S No: 82/1B  
Nr: Aranyeshwar Mandir, Sahakarnagar No: 1  
Pune, Maharashtra 411 009  
☎ 020 – 2421 7132 • Mob: 98817 45775  
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## Welding Machines

Sparkline Welders, an ISO 9001: 2015 Company offers a range of Welding Machines like Arc/SMAW Welding machines, MIG/GMAW Welding machine, TIG/GTAW Welding machines, Multi Process Welding machines, Submerged/SAW Welding machines, Spot Welding machines, Projection Welding machines, Seam Welding machines, Plasma Cutting machines, CNC Plasma Cutting machines, Welding Tables and Fixtures, and Welding Automation, etc.



Contact:

**Sparkline Welders**  
1404 B-Wing, Sunmist Hubtown, Sai Wadi  
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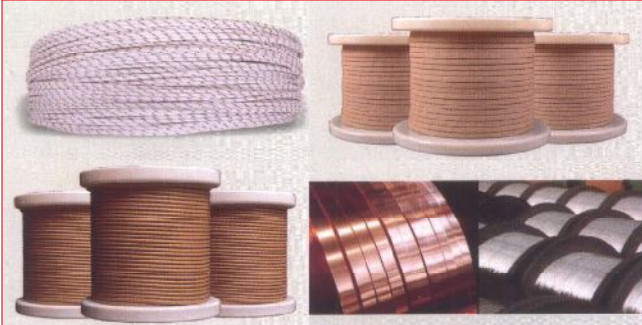
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## Wires & Cables

Khandelwal Cables Ltd offers a comprehensive range of Submersible Winding Wires, Super Enamelled Copper/Aluminium Winding Wires, Fibre Glass Cables and Lead Wires,



DMD Cables, Paper Covered Copper/Aluminium Single/Bunch Strip, Copper and Aluminium Bare Wire/Strip. Submersible Winding Wire – It is designed for under water application for submersible pump motor. It has excellent electrical, mechanical and thermal properties; and available



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Contact:

**Khandelwal Cables Ltd**

Unit 1: Udyog Nagar, Vrindavan, Uttar Pradesh 281 121  
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## LT Panels

SMA Power Controls is one of the leading manufacturers of custom-built Low voltage and Medium voltage panels, Switchgears, Motor Starters and Automation and also executes Turnkey Projects. The products range: MCC (Motor Control Center), Draw out Panel, Distribution Boards,



Bus Ducts, Rising Mains, APFC Panels, Feeder Pillars, Junction Boxes, Marshalling Boxes, PLC Panels/Relay Panels, PLC based DG Automation panels for automation synchronizing, Load sharing and management. All the panels are totally enclosed, dust and vermin proof, fully compartmentalized, cubical design and modular construction, which has a facility to extend for future expansion on either side. The products are type tested for degree of protection IP test. The bus duct is manufactured with 2 mm thick CRCA sheet steel with louvered covers on both side of bus duct. This adds in proper heat dispensation and top and bottom covers for visual inspection and maintenance. SMA Power Control also undertakes complete Design Engineering, Manufacturing, Supply, Installation, Testing and Commissioning of Complete Project of any size of nature on Turnkey basis.

Contact:

**SMA Power Control Pvt Ltd**

G-51/3A, Shaheen Bagh, Nr: Distt Centre Jasola  
New Delhi 110 025

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E-mail: [sales@smagroups.com](mailto:sales@smagroups.com)

## Cable Glands & Accessories

Hirpara Metal is engaged in manufacturing Brass Cable Glands, Electrical Wiring Accessories, Lightning Protection and Earthing Accessories, Conduit Fittings, Panel Board Fittings and other ferrous and non-ferrous metal components, Lugs and Ferrules, Conduit Fittings, Earthing Accessories, Mechanical Connector, Panel board Fittings, Auto Parts, and other Components.



Contact:

**Hirpara Metal Industries**

437/2 GIDC Industrial Estate, Shanker Tekri  
Jamnagar, Gujarat 361 004

☎ 0288 – 256 0925 • Mob: 99252 42431

E-mail: [info@hmicableglands.com](mailto:info@hmicableglands.com)



## CNC Profile Cutting Machine, Cut Delight

Lakshmi Ring Travellers (Coimbatore) Private Limited offers CNC Profile Cutting Machine Model Cut Delight. Its Technical details – Supply Voltage: 1 phase, 230 V, 50 Hz; Connected Load: 5 kVA; Gantry Structure: Dual Drive; Display: 15 inch touch screen; Nesting Software: ProNest, Hypertherm; Weight: Min: 1500 kg Max: 3500 kg; Effective cutting width: 1500, 2000, 2500, 3000 mm; Effective cutting length: Min 4000mm, Max 20000 mm; Work table height: 650 mm; Machine overall height: 2000 mm; Travers Speed: 15000 mm/min; Oxyfuel Torch make: Zinser, Germany; Cutting Thickness: 3-300 mm Mild Steel; Stroke Length – Z axis: 220 mm; Manual Adjustment – Z axis: 150 mm; Cable drag chain conveyor: Igus, Germany; Plasma make: Hypertherm, USA and Kjellberg, Germany; Machine Colour: Orange with Grey; Gas Type: LPG, Acetylene, Oxygen; Cutting standard: DIN 2310; Oxyfuel torch height controller: Capacitive Type; Plasma torch height controller: M4000, IHT Germany; Strip cutting station – Oxyfuel: Max 4 torch.

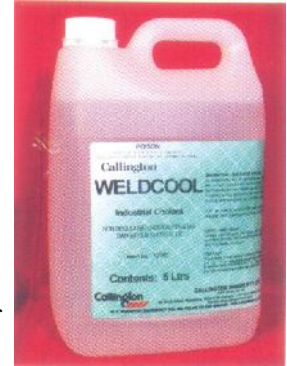


Contact:

**Lakshmi Ring Traveller (Coimbatore) Private Limited**  
Unit-II, Sular Railway Feeder Road, Kurumbapalayam  
Muthugoundenpudur, Coimbatore, Tamil Nadu 641 402  
☎ 0422 – 236 0497 • Mob: 99429 12586  
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## Weldcool Welding System & Torch Coolant

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Contact:

**Mehta Sanghvi & Company**  
Industrial Unit No: 21, Gr Floor,  
Gokul Industrial Estate Premises Co-op Society Ltd  
Plot No: 150, Marol, M V Road, Andheri (E), Mumbai 400 059  
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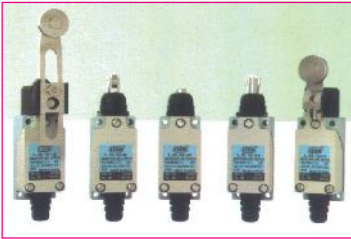
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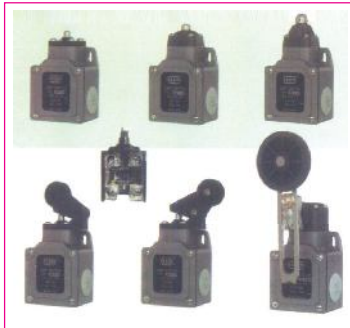
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## Miniature Limit Switches & Wide Body Limit Switches

Essen Deinki supplies new Miniature Limit Switches (pix, top) Series LSV. Features – Current Rating: 5 A; Voltage Rating: 250 V AC; Contact: 1 NC + 1 NO, Snap Action Contacts; Actuators: Si-de Rotary, Roller Lever, adjustable Roller Lever Pin Plunger, Roller Plunger, Cross Roller Plunger; Standard Conformity: IEC 60 947-5-1, IS 13 947-5-1; Degree of Protection:



IP65. Wide Body Limit Switches (pix, bottom) Series LSW, Current Rating: 10 A; Voltage Rating: 500 V AC/600 V DC; Contact: 1 NO + 1 NC (Metal enclosed), 1 NO + 2 NC, 2



NO + 1 NC (Open Execution), Snap Action, Slow Action Contacts; Options: Pin Plunger, Over Travel Plunger, Roller Plunger, Roller Crank repositionable, Roller Lever, Angular Roller Lever, Adjustable Roller Lever; Standard Conformity: IEC 947-5-13, IS 13 947-5-13;

Degree of Protection: IP67. The Company's other products range includes: Heavy Duty Limit Switches, LED Module Pilot Lights, Push Button Switches, Terminal Strips, Terminal Blocks, Digital Panel Meters, Sleek 22.5 mm DIN Rail Timers, Digital Temperature Controllers, HRC Fuse Holders, Pilot Lamp Holders, Relay/Timer Sockets, PCB Connectors, DIP Connectors/Transition Connectors, Hoods for D-Sub Connectors, Back Panel Connectors, Low Voltage Electric Switchgear and Panels, Single Door/Double Door Enclosures, Distribution Board/Terminal Boxes, etc.

Contact:

**Essen Deinki**  
22 Industrial Area, Phase-II, Chandigarh 160 002  
☎ 0172 – 265 311, 265 3115  
E-mail: info@essendeinki.com

## Electrical Protection Equipment & Sockets

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Contact:

**Indo Power**  
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Shahibaug Road, Dudheshwar, Ahmedabad, Gujarat 380 004  
E-mail: indopowers@gmail.com

## Polyamide Conduit End Fittings

Bankey Bihari Industrial Product Co manufactures Polyamide Conduit End Fittings, which are manufactured using special grade Polyamide. These end fittings offers high impact strength and are suitable for different sizes of the conduits. Technical Details – Product Material: PA-6 -2; Temperature Range: -40°C to +105°C; Colour: Black, Grey; Size: PG, and Metric. The Company's other products range includes: PG-Conduit End Fittings, Polyamide Clips, Street Light Polyamide Cable Glands, Polyamide Spiral Conduits, Blanking Plugs, Multi Hole Washers, Dust Cap Cable Glands, etc.



Contact:

**Bankey Bihari Industrial Product Co**  
Shed No: 2, Shahupura Industrial Area, Shahupura  
Ballabgarh, Faridabad, Haryana 121 004  
Mob: 95557 58684, 95555 76779  
E-mail: bbipco@gmail.com

## Compact Sub-Station (CSS/PSS)

Electrotherm (India) offers Compact Sub Station, which comprises factory built sheet metal enclosure housing MV Switchgear, Transformer, LT Switchgear, Power Factor Correction System, and other site specific requirement. Space occupied by CSS will be only approx. 1/4<sup>th</sup> of the space required for an open installation. It can be installed in the basement, yard or on the rooftop. Compact Sub-Station answers many important considerations of Architects – Aesthetics (no hanging and sagging wires, otherwise, give a clumsy look), Low Space requirement, safety, Easy and quick installation. The Range: 11 kV Class: up to 3150 kVA; 22 kV and 33 kV Class: Up to 1600 kVA. Reference Standard: IE62271 Part 202. Components: MV Switchgear – Circuit Breaker/Load Break Switch; Ring Main Unit/Switch Fuse Unit, Optional HT Metering Unit; Step Down Transformer – Dry Type or Oil Immersed Type; LV Switchgear – MCCB/ACB (Single/multiple units); Power Factor Correction Devices; Sheet Metal Enclosure – Paint Shade/Paint Type. Features: Indoor/Outdoor; Fully Compartmentalized; Option On-Load Tap Changer. More Options: Walk-in Type/Under-floor/Mobile containerized.



Contact:

**Electrotherm (India) Limited**  
72 Palodia, Via: Thaltej, Ahmedabad, Gujarat 382 115  
☎ 02717 – 234 544, 660 550 • E-mail: mkt@electrotherm.com



## PE Corrosion Resistant Fan

Eyyani Electric Machines Pvt Ltd offers PE Corrosion Resistant Fan, which is manufactured in PVC. Features include: the casing is made of Polyethylene, Impeller is of reinforced polypropylene, backward inclined, airfoil the special; facilitate the air flow through the casing with improved efficiency. PE fan is used in the chemical industry, electronics, pharmaceutical, instruments, mines, laboratories, environment protection equipment, ventilation and elimination in acidity and alkalinity and other harmful and ventilation purposes. The fan is resistant to chemical corrosion, mechanical vibration, low noise, smooth running characteristics; do not allow the transmission of gas containing viscous containing hard particles of < 150 mg/m<sup>3</sup>, dust and gas temperature, 122°F, the relative humidity is less than 100%. Fan set arrangement is with base frame.



Contact:

**Eyyani Electric Machines Pvt Ltd**  
**B-234, 5<sup>th</sup> Main, 2<sup>nd</sup> Stage, Peenya Industrial Estate**  
**Bangalore, Karnataka 560 058**  
**☎ 080 – 2836 4923 • Mob: 94482 03842, 87623 86315**  
**E-mail: eyyanielectric@gmail.com**

## Inverter Based MMA Welding Machine

Warpp Engineers manufactures INARC 210 Discrete IGBT Based Welding Power Source with Inverter Technology. This machine can be used for ARC welding of Acid and basic type of electrodes. This machine is ultra-compact and very light in weight and can be used to weld electrodes from 2~3.15 mm. Features: IGBT Technology for better reliability; Better Welding Performance; High Efficiency and better power factor. Technical Specifications – Input Supply: 240 V ±15% 50/60 Hz (Single Phase); Input Capacity: 10 kVA; Open Circuit voltage: 75-85 V; Welding Current Range: 20-210 A; Rated Duty Cycle: 60%; Dimensions (L x W x H): 340 x 185 x 270 mm. Weight is 6.6 kg. Accessories supplied: Electrode holder with 3 m (25 sq mm), 2 m (25 sq mm) with 1 welding cable.



Contact:

**Warpp Engineers Pvt Ltd**  
**Survey No: 36, House No: 15/3, Unique Indl Estate**  
**Dhumal Nagar, Waliv Phata, Vasai (East)**  
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<b>North - Delhi</b>	<b>West - Mumbai</b>	<b>South - Bengaluru</b>	<b>South East - Hyderabad</b>	<b>East - Kolkata</b>
Phone : 011 - 26217060	Phone : 022 - 42660107	Phone : 080 - 22253219	Phone : 040 - 42007377	Phone : 033 - 40681147
Fax : 011 - 26217950	Fax : 022 - 42000108	Fax : 080 - 22280497	Fax : 040 - 42007375	Fax : 033 - 40681157
e-mail : essen_delhi@essendeinki.com	e-mail : essen_mumbai@essendeinki.com	e-mail : essen_blr@essendeinki.com	e-mail : essen_hyd@essendeinki.com	e-mail : essen_kolkata@essendeinki.com

Resident Engineers Based at : Indore, Kanpur, Pune, Aurangabad, Chennai, & Baroda

**Essen Deinki**

Plot No. 22, Industrial Area, Phase-III,  
Chandigarh-160002  
Tel.: +91-172-4600600 Fax: +91-172-4600668  
E-mail: info@essendeinki.com  
www.esse.de/india

## Belt Driven Air Compressors

Pioneer Refrigeration Engg Co offers Belt Driven Air Compressors. Special Features: Heavy Duty cast iron body for long life of air compressor; Valves made from Swedish Steel Material for high efficiency and long life; Cylinders are honed glass smooth to reduce wear and tear and long life; Deep finned cylinder and cylinder head for more cooling area, Transfer the heat fast and cool the air compressor; Special alloy steel imported pistons rings for high efficiency and low oil carry; Balanced flywheel with in-built soiled fan to give more air flow to cool the air compressor; Inter Cooler and after Cooler pipe are copper fins for high efficiency cooling; and High efficiency internal parts for low maintenance.



Contact:

**Pioneer Refrigeration Engg Co**  
201 Kaveri Commercial Premises, Nr: Metro Station  
Sakinaka, Andheri (E), Mumbai 400 072  
☎ 022 – 2852 4621 • Mob: 97692 81192  
E-mail: sales@preco.co.in

## Inverter Based MIG/MAG Welding Machine

Warpp Engineers supplies Inverter Based MIG/MAG Welding Machine. INMIG IH Series welders are semi-automatic gas shielded metal arc welding machine. This machine employs full bridge IGBT (Module) inverter technology. Machine is available in 250 Amps range. Features: Full Bridge IGBT (Module) inverter technology; Continuous adjustment of welding voltage and current; Slow Start facilitates easy arc striking; Reduced melting ball at the end of welding; High operation frequency hence small size and weight; High Power Factor and efficiency; Compact size, and light in weight. Basic Outfits: Power Source, Wire Feeder, MIG Torch 3 m length, Regulator flow meter and Heater, 5 m of Interconnection Cable. Technical Specifications – Input Power: 8 kVA; Current Range: 40~250 A; Power Factor: 0.95; Weight: 19 kg. Input Supply: 380~440 V 3-phase 50 Hz supply; Efficiency at full load: 89%; Open Circuit Voltage: 55~65 Volts; Rate Duty Cycle: 60% (40°C and 10 min standard); Dimensions (L x W x H): 460 x 245 x 380 mm.



Contact:

**Warpp Engineers Pvt Ltd**  
Survey No: 36, House No: 15/3, Unique Indl Estate  
Dhumal Nagar, Waliv Phata, Vasai (East)  
Dist: Palghar, Maharashtra 401 208  
Mob: 85518 17868, 85518 17869  
E-mail: salessupport@warpp.co.in

## Micro Plasma/TIG Welding Machine

EWM AG of Germany offers Modular Micro Plasma/TIG Welding Machine with Comfort 2.0 P control. Features: Plasma and TIG welding; Plasma and pulsed TIG welding up to the kHz range allow a high welding speed with minimal heat input using a constricted arc; Plasma and TIG welding current adjustable in 0.1 A increments; Pilot arc current adjustable in 0.1 A increments between 2-15 A; The pilot arc current can be adjusted at four operating points during the welding process (beforehand, during and following welding, as well as during pauses in welding); Non-latched/latched operation; Spot welding/tack function (spot Arc/spotmatic); Spotmatic – reduces the time required for tacking by up to 50% (TIG only); Adjustable up-slope and down-slope time and adjustable gas pre- and post-flow time; Temperature, flow and pressure monitoring for the coolant circuit; All control elements and connections for welding torches, remote controls and work piece leads are directly accessible on the front of the machine; Integrated gas metering unit in the connection box; Non-interchangeable connections for all mediums; Welding torch connection using quick connect coupling; Connection capability for remote control; Two system bus connections (eg for ewm Xnet); Set-up with Trolley 55-6 and Cool 50 MPW50; alternatively, a separate recooling unit can be used; No additional mains connection required for Cool 50 MPW50, the Cool unit is supplied with mains voltage via the power source; 3.5 m mains supply lead with 16 A shock-proof plug.



Contact:

**EWMAG**  
Dr Gunter-Henle-Str. 8, 56271 Mundertsbach, Germany  
☎ +49 2680 18 10 • Fax: +49 2680 181 244  
E-mail: info@ewm-group.com

## Brass Engineering Turned Components & Electrical Assemblies

Ashwani Metals Pvt Ltd is a leading manufacturer of Brass Engineering Turned Components and Electrical assemblies. The products suit to all industrial sectors like Electrical and Electronics, Automobiles, Plastic Moulding Industry, Construction and Industrial applications. Range includes: Copper Alloy Parts, Terminal and Wiring Contacts, Socket and Plug Pins, Armoured and Non Armoured Industrial Glands, Neutral/Earth Bars and Terminals Blocks.

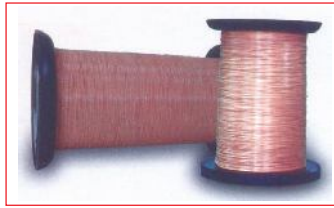
Contact:

**Ashwani Metals Pvt Ltd**  
Plot No: 17, GIDC, Phase II  
Village Dared, Jamnagar, Gujarat 361 004  
Mob: 75730 01101 • E-mail: info@ashwanimetals.com



## Triple Insulated Winding Wires

Chandra Electrical Industries manufactures Triple Insulated Winding Wires with UL approval. Downsizing switching transformers without the use of interlayer insulation materials, TIW wire is equipped with a three-fold insulation around the conductor, which has been authorized as Reinforced Insulation. As a result, the creepage distance can never be limited and no insulation barrier (ie no paper insulation is required between each layer winding) is needed, when specifying distance between termination pins and oils. The Company also manufactures TIW wire meeting customer requirements. Features – Thermal Class: 130; Size Range: 0.2 m - 1.0 m; Packing: Pt-10 as per customer's requirements; Certification: UL, RoHS and REACH Compliant. Applications: High-wattage based SMPS transformers.



Contact:

**Chandra Electrical Industries**  
7/18 Kirti Nagar Industrial Area, New Delhi 110 015  
☎ 011 – 4513 1701, 4564 9388  
E-mail: [cei@chandraelectrical.com](mailto:cei@chandraelectrical.com)

## YEC GI Earthing Electrodes

Yash Earthing Solutions Pvt Ltd offers YEC GI Earthing Electrodes. Features: Hot dip galvanized for corrosion protection; Designed for fast fault current dissipation; Easy and Fast installation at side; Most suitable for electrode



condition with pH value between 5.0 to 8.0; Completely maintenance free hence eliminating maintenance cost. The products range includes: Copper Terminal Earthing, GI Pipe in Pipe earthing electrode, Pure Copper earthing electrode, Copper Bonded earthing electrode, Copper bonded rod, GI earthing Strip, Copper Strip, Earthing Pit Cover, Backfill Compound, ESE Lighting arrester, Spike Lightning arrester.

Contact:

**Yash Earthing Solutions Pvt Ltd**  
Shop No: 02, Basement, Rajdhani Complex, Balaji Nagar  
Nr: Shankar Maharaj Math, Pune, Maharashtra 410 009  
Mob: 93703 35298, 88061 72890  
E-mail: [yashelectrocorp@gmail.com](mailto:yashelectrocorp@gmail.com)

## L-VIS Touch Panels

Delta Electronics India Private Limited offers L-VIS Touch Panels that are ideally suited for visualization and operation of various applications in building automation. L-VIS Touch Panels visualize building automation systems, can be used as room units, or make a good choice in conference rooms and reception areas. L-VIS impresses with its timeless design, harmonic integration into modern and historical architecture, with an extremely user-friendly concept. The shallow installation depth and low thermal power loss allow mounting in almost any location. For the operation and monitoring of information in LonMark Systems, BACnet or MODBUS networks, the following Types of L-VIS Touch Panels are available: 7" L-VIS Touch Panel, 800 x 480, 262 144 colours, frameless glass front and capacitive touch; 12.1" L-VIS Touch Panel, 800 x 600, 262 144 colors, aluminium frame with anodized finish; 15" L-VIS Touch Panel, 1024 x 768, 262 144 colors, aluminium frame with anodized finish or frameless glass front and capacitive touch.



Contact:

**Delta Electronics India Private Limited**  
Plot No: 43, Sector 35, HSIIDC, Gurgaon, Haryana 122 001  
☎ 0124 – 487 4900 • Fax: 0124 – 487 4945

## Digital Welding Inverters

Sigma Weld Pro Series is State-of-the-art digital welding technology operating at 150 kHz. It ensures very quick response time and better welding performance each time. The modular technology helps increase duty cycle up to 100% and ensures maximum machine uptime. Optional Industry 4.0 compliance can be inbuilt to give you a complete Log of programs used, welder tails, gas, current, voltage and other critical parameters against time stamp. This can be viewed over LAN on any computer. Specifications of TIG 400 P DC – Welding current adjustment range: 400 A; Current strength at 100% Duty cycle (40°C): 400 A; Supply mains voltage: 400 V (±25%); Main frequency in the network: 50/60 Hz; Safety Circuit Breaker: 3 x 40 A; Consumed current: 22 A; Max Power consumption: 11.7 kW; Efficiency: 96%; Open Circuit voltage: 93 V; Welding machine dimensions (L x W x H): 740 x 300 x 460 mm; Weight: 42.5 kg; Protection Class: IP 34; Insulation Class: H.



Contact:

**Electronics Devices Worldwide Pvt Ltd**  
31 Mistry Industrial Complex, Cross Road A  
MIDC, Andheri (East), Mumbai 400 093  
☎ 022 – 4541 0600, 4541 0601 • E-mail: [sigmaweld@edmail.in](mailto:sigmaweld@edmail.in)

## Temperature Monitoring Relay

Minilec (India) Pvt Ltd supplies Temperature Monitoring Relay D2 BTR1. Features: Pt 100 input, Protection against over temperature, Temperature range 0°C to 300°C, 1 CO for Alarm + 1 CO for Trip. It can be used for Temperature Monitoring of Bearing, Room Temperature, etc. The Company also offers Phase Failure Relays, Voltage/Current/Frequency/Power Monitoring Relays, Motor Pump Protection Relays, Electronic Timers, Liquid Level Controllers, Power Line Transducers, Automation Products, Alarm Annunciators, Electronic Hooters, Microcontroller based Motor Protection with fault logging, etc .



Contact:

**Minilec (India) Pvt Ltd**  
S No: 1073/1-2-3, At Post: Pirangoot  
Pune, Maharashtra 412 111  
☎ 020 – 2292 2354 • Fax: 020 – 2292 2134  
E-mail: mkt1@minilecgroup.com

## Pocket Dosimeter

Electronic & Engineering Co (I) P Ltd offers Pocket Dosimeter. EECIRAD Pocket Dosimeter is designed to professionals as well as for general use. It is reliable, accurate, lightweight, rugged and easy to use. Features: Light weight and compact to fit in pocket; Easy to read, large LCD; Loud, audible dose/dose rate alarms; Wide measurement range. This serves as a personnel radiation dosimeter, to cater to needs of radiation works in Nuclear Installations, Radio Chemical Plants, Medical, Industrial Applications, etc. Technical Specifications – Detector: PIN detector for ionizing radiation; Radiation Detected: Gamma (g) and X-rays; Measuring Range: 0 – 2 Sv or 200 R (Dose), 0-100 mSv/hr or 10 R/hr (Dose Rate); Energy Response: ±25% 50 Kev to 3 MeV; Dose Accuracy: ±15% (Ref Cs-137); Dose Rate Linearity: ±15% (Ref Cs-137); Alarm: User selectable Dose Threshold, User selectable Dose Rate Threshold; Overflow Indication: OLD indication on the LCD; PC Connectivity: USB interface; PC Software: Track dosimeter assignment to personnel; Display: Custom LCD indicates: Dose, Dose Rate, Dose Alarm, Dose Rate Alarm and Battery%.



Contact:

**Electronic & Engineering Co (I) P Ltd**  
8, 2<sup>nd</sup> Floor, Jyoti Wire House, Nr: Kolsite  
Off Veera Desai Road, Andheri (W), Mumbai 400 053  
☎ 022 – 6150 3800 • Fax: 022 – 6691 9752  
E-mail: ndtsales@eecindia.com

## Scraps & Chips Vacuuming & Collection Solutions

Air Pel Technic offers Scraps and Chips Vacuuming and Collection Solutions. Cutting operations in textile industry, paper mills and in packaging operations often cause chips release. These chips must be removed from the source to avoid production downtimes. Vacuum cleaners for scraps are characterized by great collection capacity, great mobility and by compact dimensions, in order to be used directly on production machinery. MS Industrial Trim Extractor for Offcuts and production scrap. The D-VAC MS-200 Series Extractors are designed for the suction of offcuts and production waste deriving from production cycles and packaging machinery. The vacuumed scraps are contained and compacted in a nylon bag, which filters out any dust and allows waste to be removed quickly and easily; and Built-in silencer. Features include: Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty; Low noise level; Compact and mobile; Easy filter replacement; Possibility of integration on other vacuum cleaners; Conceived for packaging lines scraps and wastes suction; Tank provided with large capacity nylon filtering bag; Full customization for specific needs.



Contact:

**Air Pel Technic**  
B/56 Rajashri Shahu Society, Pune-Satara Road  
Pune, Maharashtra 411 037  
Mob: 98222 56661, 83089 46661  
E-mail: sales@airpeloilmist.com

## Welding Solutions for Educational Centres

SovPlym-India Pvt Ltd offers Welding Solutions for Educational Centres. Features: Ready-made sets of equipment for training – extraction arms with air cleaning filters; Welding tables with integrated system of removing of welding aerosols for students; Demo table for teacher, covered with toned glass walls on the perimeter, with self-cleaning system of capturing of welding aerosol; Turn-key project on equipping of welding labs, classes, schools, etc with filtration and extraction equipment, welding booths made of noise reduction panels or mobile protective screens.



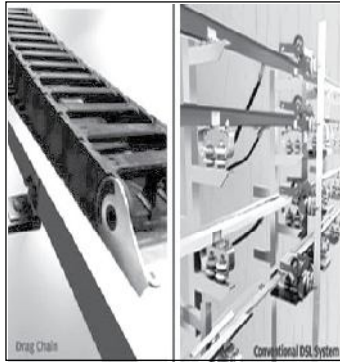
Contact:

**SovPlym-India Pvt Ltd**  
Arrisa Avenue, Unit No: 15, Office No: 303, 3<sup>rd</sup> Floor  
Kolte Patil Downtown, Kharadi, Pune, Maharashtra 411 014  
☎ 078756 57764 • E-mail: info@sovplym.in



## Energy Chains and Shrouded DSL System

Insu Tech Corporation offers a wide range of Energy Chains and Shrouded DSL Systems. Features: it is a one-stop-solution for electrical power transmission systems in the material handling sector, i.e., cranes, transfer cars, CNC machines, bogies, amusement parks and many more; and the company provides optimum engineering, with wide footprint across various sectors like steel, power, transformer, EPC contractors, railways, cranes, OEMs and other service providers. The company is in manufacturing spares for cranes, adding multiple products to its portfolio including drag chain systems (energy chains), shrouded DSL systems, (insulated conductor bus bar systems), Festoon systems (cable trolleys), angle DSL systems (conventional DSL systems, spring buffers, rail fixtures, rail pads, etc.



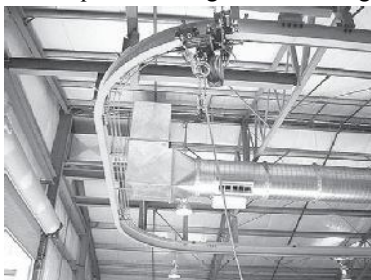
Contact:

### Insu Tech Corporation

G-1, N J Industrial Estate, Survey No: 265/A  
Chinchpada, Gokhivire Village, Vasai Road East  
Palghar, Maharashtra 401 208  
☎ 0250 – 245 7073, 245 7113  
E-mail: info@insutech.net

## Monorail Crane System

G R Cranes & Elevators offers a wide range of Monorail Crane System. Features are: these cranes are ideal for production processes that require lifting and moving products along a fixed path, such as painting processes, moving raw materials to workstations, or warehouse-to-warehouse transfer; monorails have great layout flexibility, including curves, slopes (to 14 degrees), multiple tracks, switches to multiple spurs, turntables, interlocks, and entry/exit sections; and can connect to other systems, such as conveyors or workstation bridge cranes. The company is a manufacturer and supplier of a broad assortment of EOT girder cranes, underslung cranes, gantry cranes, goliath cranes and hot cranes.



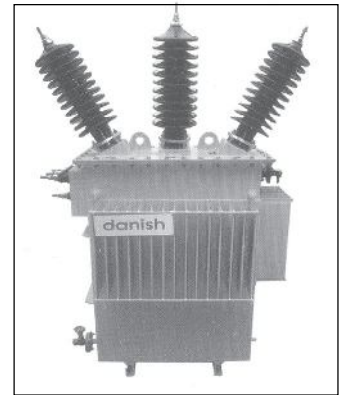
Contact:

### G R Cranes & Elevators

Tibba, Sahnewal-Dehlon Road, Ludhiana  
Sahnewal, Punjab 141 120  
Telefax: 0161 – 254 5515 • Fax: 0161 – 253 4401  
Mob: 98140 85890  
E-mail: info@grcranes.com

## Oil-Immersed Transformers

Danish Private Limited, an ISO 9001 Certified Company manufactures Oil-Immersed Transformers. Technical Specifications – Ratings: 3-phase up to 66 kV 25 MVA and 1 phase up to 33 kV 167 kVA; Frequency: 50/60 Hz; Applicable Standards: IS: 2026, IEC-60076, ANSI C.57, BS, SANS; Class of Insulation: A/B; Cooling: ONAN/ONAF; Vector Groups: Any as per customer requirement like Dyn11, Yzn, Dd0, etc; Insulating Fluid: Mineral oil/Silicon oil, both inhibited and uninhibited, as per IS/IEC/ANSI/BS/SANS Standards; and Standard Accessories as per customer specifications. Options: Corrugated Fin Radiators or Pressed Steel Radiators; Sealed type or Breathing type with Conservator; CSP (Completely Self-Protected) Type; DGPT2/DMCR multi-function device; Paint options for tanks such as Enamel/PU Paints, Powder Coating or Galvanization; Off Circuit Tap Changer or On Load Tap Changer with RTCC Panel. Terminations: Porcelain/Cycloaliphatic/Epoxy/Touch Proof Plug-in Type Bushings with option of Cable Box/Bus Duct.



Contact:

### Danish Private Limited

F-679, Sitapura Industrial Area, Jaipur, Rajasthan 302 022  
☎ 0141 – 277 0150 • Fax: 0141 – 277 0182  
Mob: 89478 22222 • E-mail: info@danish.co.in

## Control (LT) Cables

Neolex Cables offers Control (LT) Cables, which are used in the control of the electrical distribution system in generating stations, substations, and other industrial applications. High quality armoured control cables manufactured as per IS: 1554 (Part I) standard can be installed indoors or outdoors in various projects. Control Cables are used where cables of voltages up to 1100 volts are utilized.



Contact:

### Neolex Cables

28/29 Satguru Nanak Industrial Estate, Off W E Highway  
Opp: SRP Camp, Goregaon (East), Mumbai 400 063  
☎ 022 – 2686 5826 • Fax: 022 – 2685 6450  
E-mail: neolex@vsnl.com

## 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.

Scre-ening 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

## Concrete Mixer for Bridge Construction

Nilkanth Engineering Works offers Concrete Mixer for Bridge Construction. Features are: the reversible mixer drum rotates on well aligned heavy duty gear ring guided by three rollers for smooth rotation; compact design for easy transportation; the ascent and descent of loading skip bucket is controlled by hydraulic pump; rotation of the concrete drum and reverse is activated by push on the electric control panel; the machine design is rationalized for easy maneuverability of mixer; requires very little maintenance; and the mixer requires electric power supply, water piping, or sand feeding; making mixer operation very silent and with clean surroundings. The company experience in ready-mix concrete machine manufacturing. It offers customised engineering solutions with latest technology.



Contact:

**Nilkanth Engineering Works**  
Plot No: 5503/2, GIDC  
Vatva, Ahmedabad, Gujarat 382 445  
☎ 079 – 2583 5553 • Mob: 98250 73105  
E-mail: info@nilkantheng.com

## Hammer Handles and Brass Copper Hammer

Manomay & Co offers a wide range of Hammer Handles and Brass Copper Hammers. Features: these brass/copper hammers are available from 400 g to 10 kg; some brass hammers are extruded; the extruded heads are typically a bit harder since the process compacts and aligns the metal grain; their dimensions are a bit more precise; brass and copper hammers are made using yellow brass; brass hammers have imported ash/beechn wood quality handles and are cylindrical, hexagonal and square-shaped head; and request for special handle lengths on most hammers can be accommodated. The company is one of the leading manufacturers and exporters of all types of hammers and wooden handles for tools.

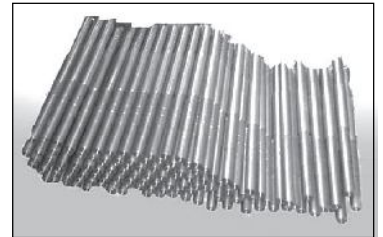


Contact:

**Manomay & Co**  
SPL 445/A, GIDC, Shankar Tekri Udyognagar  
Jamnagar, Gujarat 361 004  
Mob: 98980 15043  
E-mail: amncojam@gmail.com

## Industrial Shaft

Ultrahigh India Engineers offers a wide range of Industrial Shafts. Features are: high tensile strength, easy to install and manufactured using premium quality raw material; these shafts offer corrosion resistance, dimensional accuracy and durability; and manufactured under the guidance of experienced quality controllers and offered in different sizes at economical prices. The company is a distinguished manufacturer and exporter of a range of machinery spares, shafts and other industrial components. The range includes timing belt pulleys, toper lock bushings, FHP sheaves, V belt pulleys, VP pulleys, poly V belt pulleys, variable speed belt pulleys, machinery spares, industrial shafts, mechanical shafts, etc.



Contact:

**Ultrahigh India Engineers**  
59 Vishala Estate, Nr: Madhauram Estate  
Kathwada Ring Road, Odhav  
Ahmedabad, Gujarat 382 415  
Mob: 93275 95211 • E-mail: amitptp@gmail.com

**Subscribe to  
Industrial Products Source  
at ₹300/- for 1 year.**



## Paver Block Making Machine

Mortek Machinery offers a wide range of Paver Block Making Machines. Features are: the paver block making machine is used for manufacturing various types of blocks that are used for several industrial applications; used for producing large-scale curbs, grass pavements, stream bank-protection blocks and paving stones, the paver block making machine comes with two vibrators like ram and mould, top vibrator, bottom vibrator, and hydraulic pump; and possesses high production capacity and comes with adjustable motors.



Contact:

**Mortek Machinery Pvt Ltd**  
3206 Phase 4, Vatva, GIDC, Phase 4  
Ahmedabad, Gujarat 382 445  
☎ 079 – 2584 0960 • Mob: 76240 11874  
E-mail: mail.mortek@gmail.com

## Hydraulic Hand Pallet Truck

Mankalp Industries offers a wide range of Hydraulic Hand Pallet Truck. Features are: this hand pallet truck, customized heavy duty pallet truck, reel pallet truck, high lift pallet truck and insulator lifting pallet truck from Ahmedabad; its offer their clients a vast assortment of hydraulic hand pallet



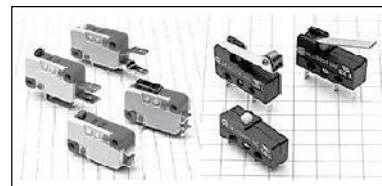
truck that has high load bearing capacity and is provided with polyurethane/UHMW-PE tandem rollers for quieter and smoother rolling over rough surfaces; the pallet truck also has bushed metal to metal parts that do not require any gearing and it also has a control level with three-positions of up, neutral and down; its features include: available standard capacity: 2500 kg, fork length 1150, width 535; available capacity options: 2000 kg, 2500 kg, 3000 kg, 5000 kg; available options: manual, weight scale, battery operator; choice: special fork length, width, wheels and capacity as per requirement. The company is a well-known organization engaged in manufacturing and supplying of material handling products.

Contact:

**Mankalp Industries**  
Plot No: 14, Chaitanya Industrial Plot  
Bhavda Patiya, Kujad-Kuha Road, Kujad  
Daskroi, Ahmedabad, Gujarat 382 433  
Mob: 92100 44555 • E-mail: info@mankalp.in

## Snap Action Switches

VG Electric offers CHERRY range of switches (from ZF-TVS a Joint Venture between ZF group Germany and TVS Group), viz: miniature and sub-miniature snap action micro switches, Sub-miniature water proof switches, key board switches, push wheel switches, rocker switches, Reed Sensors, Reed Relays, Solid State Relays. The micro switch range is available from 0.1 amp to 20 amps. A plain button actuator or a variety of integral actuators to suit specific requirements does actuation. These switches are available in standard and light operating force from 5 g to 500 g. Cherry has recently introduced Rocker Switches in illuminated and non-illuminated Series with variety of contact configurations such as SPST, SPDT, and DPST. These are available from 4 amps to 20 amps as per requirements. Needless to say CHERRY provides world class products, which are approved by the best institutions such as UL, CSA, CE, VDE, etc.



Contact:

**VG Electric**  
27 Amrit Niwas, 2nd Floor, 165 K M Sharma Marg  
Lohar Chawl, Mumbai 400 002  
Telefax: 022 – 2201 8647  
E-mail: sales@vgswitches.com

## Metering cum Isolator Panel

Isotech India Pvt Ltd offers Metering cum Isolator Panel. Its Salient Features: Simple and Sturdy construction made of 2 mm thick CRCA/GI sheet duly powder coated/epoxy painted suitable for outdoor installation; Can be installed outdoor, covered room not required; Protection of Electrical system with HT HRC fuses; Trips quickly and breaks automatically at blowing of any of the fuses; Protection IP: 55; Voltage presence indicators; Door interlock with earthing switch for personal safety; LBS CPRI tested as per IS: 9920; Option with Vacuum Circuit Breaker (VCB) is also available. Electrical Features – Rated Voltage: 12 kV; Rated Current: 630 A; Frequency: 50 Hz; Rated short time current: 18.96 kA x 1 s; Rated making current: 31.5 kA; Lighting impulse test voltage: 28 kVrms/75 kVp. Accessories on Request: Current Transformers and Voltage Transformers (CT & PT) for measurement as per desired specifications; and Energy Meter.

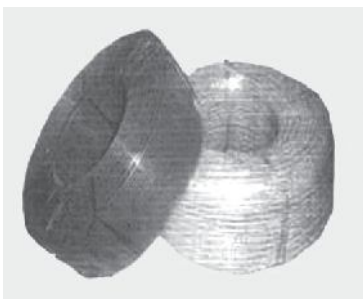


Contact:

**Isotech India Pvt Ltd**  
Plot No: 1, Vijay Vihar, B/h: IBM (Star Mall)  
NH-8, DLF Silokhra, Gurugram, Haryana 122 001  
Mob: 98103 86806 • E-mail: isotechindia@gmail.com

## Pull Cord Wire Rope

Techno India supplies a wide range of Pull Cord Wire Rope. Features are: there is a belt conveyor – a safety device required, pull cord wire rope is needed all along with conveyor to attach with the switches for stopping the conveyor instantly by pulling the wire rope from any point where switches are installed; it is made from galvanized wire rope with high tensile strength, good flexibility, and low elongation; and the wire ropes, which are made of galvanized wire are bunched neatly by their experience production team and the ropes are PVC insulated and is available in 250 m length. Jumbo packing for bulk users are also available; and highly safety factors, compact construction, highly flexible but strong enough. The company is a leading supplier of plumper blocks, bearings, pulls cord wire ropes and cast iron counter weight in India and caters to all sectors of industry with an impressive track record.



Contact:

**Techno India**  
11 Clive Row, 1st Floor, Kolkata 700 001  
☎ 033 – 2210 3432 • Mob: 98310 68557  
E-mail: technoindia1986@gmail.com

## Girder Crane

Neer Industries offers a wide range of Girder Cranes. Features are: this girder crane offered are well recognized for delivering high quality operations in given usage areas; these double girder EOT crane available in different operational capacities in box type construction as well as oil splash lubricated gear box, as well as presence of precision, machined cut gears pinions that provide for durable as well as consistent usage values; the forged steel and wheel assemblies also ensure smooth movement of these double girder EOT crane even over rough surfaces; and precision designed and optimum functionality based range of EOT crane double girders; made available in different working capacity options. The company is engaged in manufacturing, wholesaling and trading on extensive range of material handling systems, automated material handling systems, bulk material handling systems, EOT cranes, double girder EOC cranes, etc.



Contact:

**Neer Industries**  
Plot No: 309, Road No: 4A, Kathwada GIDC  
Ahmedabad, Gujarat 382 325  
Mob: 97252 79336 • E-mail: cdhobi@yahoo.co.in

## Chain Pulleys

Liftboy Industries offers a wide range of Chain Pulleys. Features are: it is distinct position in the market by providing a precisely engineered range of chain pulleys; these chain pulleys are highly appreciated and demanded in the industry for its excellent strength and stability for prolonged use; these chain pulleys are accessible in different specifications in order to cater the need of the clients across the nation; these offered chain pulleys are checked on numerous parameters before dispatching at customer's end; these chain pulleys at competitive rates within a stipulated time frame; its features include: it is highly efficient; durable; robust. The company is engaged in manufacturing, exporters and traders of material handling equipment in India.



Contact:

**Liftboy Industries**  
48/1/17 Site, 4, Sahibabad Road,  
Sahibabad Industrial Area Site 4, Sahibabad  
Ghaziabad, Uttar Pradesh 201 010  
Mob: 98112 58518  
E-mail: info@liftboyindustries.com

## Pallet Rack and Heavy Duty Racks

Sai Steelrange Storage Systems offers a wide range of Pallet Rack and Heavy Duty Racks. Features are: these heavy duty systems help smarter space management, reducing costs in material handling, improving house-keeping, and space utility. Improved material handling leads to better efficiency and productivity; these systems can be installed in all kinds of storage rooms, finished goods store, cold rooms etc.; these components can be assembled, disassembled, reassembled to have new configuration suiting your daily changing needs at absolutely no extra cost; and all components are designed with a factor of safety of 2.5 as specified by BIS 800/801 to ensure safety of the system. The company is engaged in manufacturing and trading a wide range of fire resistant cabinets, mobile compactor storage systems, heavy duty racks, shelving racks, regular cupboards, etc.



Contact:

**Sai Steelrange Storage Systems Pvt Ltd**  
309 Owners Industrial Estate, Pitamber Lane  
Gabriel Road, Mahim West, Mumbai 400 016  
☎ 022 – 2444 0203 • Fax: 022 – 2444 8153  
Mob: 98200 28963 • E-mail: sales@steelrange.com



## Eddy Current Separators

Star Trace offers wide range of Eddy Current Separators. Features are: this separator uses a highly powerful eddy current separators, conveyor belt, two variables discharge area and support frame; the optional vibratory feeder provides a consistent flow of material to the eddy current separators; these top-class non-ferrous eddy current separators are highly reliable, durable, high performing and available at reasonable prices; these eddy current separator devices are perfect and effective work for removing non-ferrous metals from other products. Applications of eddy current separators are aluminum cans from municipal waste, aluminum flakes from shredded pet, brass and aluminium from foundry sands, and metals from shredded automobile scrap.



Contact:

**Star Trace Pvt Ltd**

Old No: 5, New No: 7, Jeevanandham Street  
Redhills, Chennai 600 052

☎ 044 – 2641 8456 • Telefax: 044 – 2641 9439

Mob: 93805 21576 • E-mail: sales@startrace.in

## Hydraulic Pallet Hand Trucks

Stackers And Movers India Manufacturing Company offers a wide range of Hydraulic Pallet Hand Trucks. Features: The range is manufactured using contemporary technology and modern tools; the trucks are utilized for various material handling applications in a host of industries; the range goes through a series of practice tests, ensuring high efficiency and flawlessness; its features include: smooth control; suitable design; smooth functioning; nylon wheel with sealed bearing in front; 4-roller tandem wheel at the back; single piece molded without welding; galvanized coating for protection against rust; lubrication grease nipple for all movable parts for easy maintenance; hard chrome plated piston; three-position control lever with grip at handle. The company is a prominent manufacturer, wholesaler and service provider of hand pallet trucks and lift trucks.



Contact:

**Stackers and Movers India Manufacturing Company**  
Plot No: I-5/B, Phase 2, GIDC, Near Winzol Railway Crossing  
Vatva, Ahmedabad, Gujarat 382 445

☎ 079 – 2589 4689 • Mob: 94263 71189

E-mail: easymoveindia@hotmail.com

## Electric Plate Compactor

Topall Impex offers Electric Plate Compactor. Features: it has conveniently placed foldable handle support as well as heavy-duty shock mounts that perfectly support the demands of effectively reducing vibration in engines; these plate compactors also feature support of open plate spaws to provide for effective self-cleaning support; its centrally mounted fully enclosed exciter for the even spread of force over base plate; can be provided with optional protective frame support; reliable working performance; and foldable handle for easy movement; self-cleaning through open plates; heavy-duty shock mounts; sealed belt and cover for dust prevention. The company is a manufacturer, supplier, importer, trader and distributor of construction equipment and spares.



Contact:

**Topall Impex**

No: 678, 6th Floor, Aggarwal Cyber Plaza 2

Plot No: C-7, Pitampura, New Delhi 110 034

☎ 011 – 2735 6870 • Mob: 97164 67843, 085888 08994

E-mail: sales.topallimpex@gmail.com

## Submersible Flat Cables and Wires

BCH Electric Limited offers Submersible Flat Cables and Wires – 3-Core Flat Cables: Range 1.0-35 sq mm; Conforming to IS 694: 2010; Use of ETP Copper conductor 99.98% purity; Thick sheathed PVC/XLPE insulated type cables available. Single and Multicore PVC cables – Single core Range: 0.50-300 sq mm; Conforming to IS 694: 2010; Use of ETP copper conductor 99.98% purity; Special PVC formulation for stress free insulation to ensure long life. FR and FRLSH Cables – Range: 0.50-50 sq mm; Superior flame retardant characteristics.



Contact:

**BCH Electric Limited**

1105 New Delhi House, 27 Barakhamba Road  
New Delhi 110 001

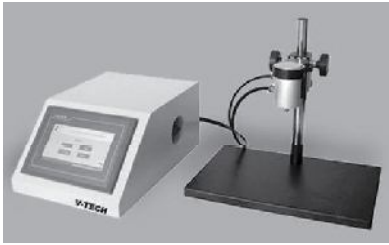
☎ 011 – 4367 3100, 2331 6029

E-mail: marketing@bchindia.com

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## Burst Tester

Nunes Instruments offers a wide range of Burst Tester. Features are: the burst tester can be used to determine the sealing performance of pilfer-free bottle caps and soft tubes; measuring the compression strength, connection strength of cap and body, cap losing strength, seal strength and butting strength of tubes are the applications; three test modes of burst, creep and creep to failure are available; PLC realizes precise pressure and time control; 7 inch TFT touching screen for convenient parameter setting and test operation; and multiple groups of test parameters can be saved to avoid the repetitive setting; dual test methods of restraint distension and unrestraint distension; program customization available. The company is an exporter, importer, distributor and service provider of agricultural instruments and electrical measuring instruments.



Contact:

**Nunes Instruments**  
1109 Avinashi Road, Nr: Dhandumariamman Kovil  
Gopalapuram, Coimbatore, Tamil Nadu 641 018  
☎ 0422 – 220 0068 • Mob: 86820 48866  
E-mail: info@nunesinstruments.com

## Microprocessor pH Meter

VSI Electronics offers a wide range of Microprocessor Based pH Meters. Features: the instrument has inbuilt error codes that alerts for procedural errors; it has auto buffer recognition facility; both auto and manual temperature compensation facility is available; it has 6 soft touch membrane type keys for ease of operation; storage facility for 1000 samples has been provided, which are retained in the instrument's memory; it also has the provision for the attachment of computer and any dot matrix printer; and highly stable and accurate; auto buffer recognition facility; auto temperature compensation; measures pH, mV and temperature. The company is a manufacturer of analytical, medical and various other types of scientific instruments with total quality assurance and high reliability.



Contact:

**VSI Electronics Private Limited**  
F-330, Industrial Area, Phase VIII-B  
Sector 74, Near Quark City  
Sahibzada Ajit Singh Nagar, Punjab 160 059  
Telefax: 0172 – 4627 238 • Mob: 90419 31993  
E-mail: vsielectronicsmohali@gmail.com

## Double Girder Overhead Crane

Kamsiddha Lifters offers a wide range of Double Girder Overhead Cranes. Features: the whole range of cranes is manufactured with high precision using excellent quality components that are obtained from the renowned vendors of the industry; the range is known for their optimum performance and longer working life; these are also quality tested and have sturdy design, and provides high strength and rigid torsion capability; the configuration provides minimum wear; offers extremely stable crane operation. The company is amongst the noteworthy manufacturers, suppliers, traders and service providers of a quality assured collection of Overhead cranes, EOT cranes, Gantry cranes, Electric chain hoists, and Double girder cranes.



Contact:

**Kamsiddha Lifters**  
Nigadi Dehugaon Road, Front of Zunka Pure Vej Hotel  
Jyotiba Nagar, Talwade, Pimpri-Chinchwad  
Pune, Maharashtra 411 062  
Mob: 75886 45835, 96373 20354  
E-mail: Pankaj@kamsiddhalifters.com

## Sand Washer

Creative Enterprises offers a wide range of Sand Washers. Features: heavy, sturdy construction; cartridge type bucket wheel and spiral arrangement; easy and fast bucket changing; high-tech planetary gear reducer is used in all propel sand washers for better maintenance and free running; very low power consumption; bucket speed cartridge by VFD; high capacity; good quality sand output to meet construction standards; heavy self-aligned spherical roller bearing blocks for trouble-free running; spiral wheels empowered with Hordox tips for wear bucket, make changing is easy and fast, importing long life; the total water trough is protected by anti-corrosive special coating; by varying the RPM of the buckets, the percentage of fines can be controlled. The company is a wholesaler and supplier of construction machines, offering a wide gamut of high performing equipment such as backhoe loader, batching machines and concrete machines.



Contact:

**Creative Enterprises**  
380 Braj Vihar, Near Turtles School  
Jagatpura, Jaipur, Rajasthan 302 017  
Mob: 93521 74343 • E-mail: construetbetter@yahoo.com



## Welding Machine

Modi Arc Electrodes Company offers TIG 500 PAC/DC Welding Machine. Features are: high frequency 20 kHz inverter technology provides lightweight small volume and energy saving, significantly reduce customer's running cost. Advance IGBT and fast recovery diode module combines with upgraded circuitry to provide longevity and reliability; the effective protection circuitries against various damaged risks as lack of phase, overload of voltage/current, voltage shortage, overheat delivers high reliability during operating; advanced HF arc starting circuitry provides stable repeat arc starting capability; and as a versatile, multi-purpose, multi-processes welder, this has the adaptive features of crater, repeat, pulsed TIG, Spot TIG, mixed AD/DC TIG, etc. The company is a manufacturer and supplier of an assortment of deep penetration electrode, mild steel electrode, low hydrogen-low alloy steel electrode, etc.



Contact:

**Modi Arc Electrodes Company**  
Suite No: 601, 6th Floor, Copia Corporate Suites 9  
Jasola Commercial Complex, Jasola Vihar, New Delhi 110 025  
☎ 011 – 4100 6093 • Mob: 83938 89192  
E-mail: infodelhi.modiarc@groupmkm.in

## Rolling Shutters

Swastik Rolling Shutters And Manufacturing Works offers Rolling Shutters. Features: broad range of automatic rolling shutters are made from premium quality raw material – mild steel, galvanized steel, polycarbonate, aluminium, and stainless steel acquired from the most trusted sources; and its features include: fingertip control to open and close shutters of any size with utmost ease from a single push-button switch or a remote control transmitter; can sustain wind resistance up to 90 km/hr; wide variety of raw material offered – galvanized steel, stainless steel, single wall aluminium, double wall, polycarbonate, fire proof shutters. The company is an age old in the industry of shutters and grills; and has been dealing in rolling shutters, industrial garage doors etc.



Contact:

**Swastik Rolling Shutters And Manufacturing Works**  
Near Satyam Industrial Estate, Off Govandi Station Road  
Govandi, Mumbai 400 088  
☎ 022 – 2551 5742 • E-mail: sales@swastikshutters.com

## Solar Lantern

Unitop Power Electronics supplies a wide range of Solar Lanterns. Features are: a portable source of light that can be easily moved like a torch and can be kept anywhere without occupying much space; in fact, present day solar lanterns come in various decorative and aesthetic shapes that enhances look and feel of your house; there are widely used as emergency lights in the areas under frequent power shutdowns; and its features include environment friendly, portable, rugged and dependable, silent operation, light output 400 lumens, i.e., equivalent to a 40 W incandescent lamp, LED for battery status indication and its safeguard. The company manufactures and exports a range of power protection and power backup systems.



Contact:

**Unitop Power Electronics Pvt Ltd**  
Shop No: C-124, FFC, I-Area, Okhla Phase III  
Okhla Industrial Area, New Delhi 110 020  
☎ 011 – 2631 1484 • Mob: 99717 14511  
E-mail: ujjwal@unitoppower.in

## RR Busbars and Tapes

Ram Ratna Wires offers a wide range of RR Busbars and Tapes. Features are: it is from registered cathodes of grade "A" type LME having copper purity of 99.99%. This high purity input give RR products high electrical conductivity of 100% IACS (International Annealed Copper Standard); this level of high conductivity is desirable for accurately designing electrical instruments; this fine grain structure gives good formability to bus bars, shows no cracks on bending and is suitable for making intricate parts of electrical machines. Products have glittering surface finish, a twist and bend free flatness; the extrusion drawing dyes angle design, drawing machine and high quality dyes gives their products a flawless shiny surface finish, matching all international standards and the right flatness for jointing purpose making it a perfect for connection application.



Contact:

**Ram Ratna Wires Ltd**  
Ram Ratna House, Oasis Complex  
PB Marg, Worli, Mumbai 400 013  
☎ 022 – 2492 4144  
E-mail: mumbai.rrkabel@rrglobal.com

## Large Hydraulic Excavators – CAT 349D-L

Gmmco offers a wide range of CAT 349D-L large Hydraulic Excavators. Features are: the excavators are perfectly designed considering the length, height and total dimensions at vendor/manufacturer's end; the large excavators come with a digger, large bucket and advanced engine and hydraulic configurations and are used for construction; digging; loading materials; available in various specifications to meet the needs of the businesses or projects; most of the excavators have hydraulic variable pump x 2 type; and its features include smart operation; easy to learn and control; low maintenance. The company is part of C K Birla Group with core competency in sales and support of construction and mining machines, captive power solutions and engines for various applications, with three decades of association with Caterpillar, the world leader in machines and engines.



Contact:

**Gmmco Ltd**

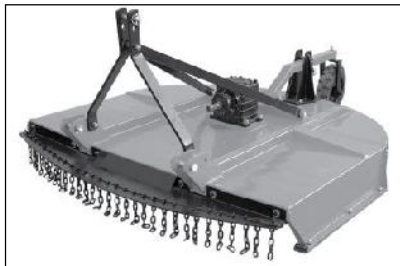
No: 6, GST Road, ST Thomas Mount, Chennai 600 016

☎ 044 – 3068 6081 • Mob: 73388 84328

E-mail: sales@gmmcoindia.com

## Rotary Slashers

Punjab Agro Sales (India) offers a wide range of Rotary Slashers. Features are: the raw materials used for manufacturing rotary slashers are strong iron and steel; the slashers are available in different models, in standard as well customized specifications; they come with rugged frame that can withstand rough and tough anchored straw, wild grass and bushes; some of its features include high blade tip speed; heavy duty bevel gears; full length skids with replaceable shoes is used to cut and level the grass; and it works even in even in moist or extra-heavy conditions and operates by lifting the grass upright and discharges it efficiently. The company is a manufacturer of farm equipment, known for bringing new products with superior quality and technology in the market and reliable after sales service.



Contact:

**Punjab Agro Sales (India)**

Opp: New Grain Market, Delhi Bye Pass

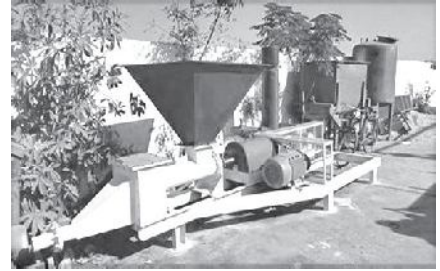
G T Road, Karnal, Haryana 132 001

Mob: 92554 11474, 90340 83063

E-mail: punjab\_agro\_india@yahoo.co.in

## Pneumatic Cement Feeding Systems

Shreeji Technology offers a wide range of Pneumatic Cement Feeding Systems. Features are: this professionally manufactured system with high-quality components is designed to feed cement or fly ash in the packaging bags; these systems can be customised as per the specifications of the clients in various designs; it is dust-tight housing with high degree of sanitation to help smooth operation, having great feeding capacity and high efficiency; and the system benefits include stable vibration, simple operation and long service life, low noise, power efficient and excellent adaptability and reliable operation. The company engaged in manufacturing and supplying solutions like twin lobe compressors, roots blower, industrial vacuum blower, water vacuum pump and many more.



Contact:

**Shreeji Technology**

7 & 17 Hariom Estate, Opp: Power House, Phase 4

GIDC, Vatva, Ahmedabad, Gujarat 380 050

☎ 079 – 2584 0511 • Mob: 97253 10611

E-mail: info@factory.com

## Cutter Crushers

Rajat Equipments offers a wide range of Cutter Crushers. Features are: they are available in various models and can be customized as per the customer's specifications; these vibrators are stringently tested on several parameters to eliminate any defects; one can bank on their sturdy construction; less maintenance; efficient performance; high wear-resistant cutting blades placed separately from crushing area; rapid to change; high wear resistant crushing teeth; pulverizer pads, steel demolition jaw, and wood cutting blades also available; and this sealed slew ring that doesn't require maintenance apart from standard greasing is available in power rotation and free rotation types, including mechanical brake and water jet option. They are light-weight; short cycle. The company is a manufacturer and supplier of vessels and construction equipment.



Contact:

**Rajat Equipments Pvt Ltd**

Plot No: 33, Bhanpuri Road, Nr: Police Station

Industrial Area, Bhanpuri, Raipur, Chhattisgarh 492 001

☎ 0771 – 405 3384 • Mob: 98264 21900

E-mail: info@rajat-group.com



## Copper Tape

Jans Copper offers a wide range of Copper Tapes. Features are: these copper tapes are available as per international standards that include constitution strength of tapes including that of 99.99 per cent; with available industrial standards including DIN, ASTM, JIS, BS EN and IS, these tapes comprise dead soft copper with conductive acrylic adhesive, which is supplied on removable liner so as to ensure easy handling and cutting; its features include Size: ID 300 mm. minimum OD 1,000 mm (maximum length upon agreement); thickness - 2 mm to 6 mm, width: up to 75 mm for earthing purpose, weight-weight per feet in kg, standard and material - JIS, BS EN, DIN, ASTM and IS; and these precision engineered products are widely used in several industrial and commercial projects. The company is engaged in manufacturing and exporting of a comprehensive range of electrolytic and copper in the form of Strips, Wires, Flats, Rods, Sections, Pipes and Tubes.



Contact:

**Jans Copper Pvt Ltd**  
No: 11/43, Life Scapes Nilay, Office No: 34  
Parmanand Wadi BJ Marg, Thakurdwar Road  
Opp: Halai Lohana Mahajan Wadi, Marine Lines East  
Chira Bazaar, Kalbadevi, Mumbai 400 002  
☎ 022 – 4004 4800 • Mob: 77385 00002  
E-mail: info@janscopper.com

## Shipping Mobile Container

SMS Marine Services offers Shipping Mobile Container. This firm holds a noted market position as a trader and supplier of shipping mobile containers. Features: it is manufactured from quality material these containers are robust in construction and allows proper storage and transfer of goods in an efficient way; the container is fabricated in different sizes so as to be used for different sized goods; easy to maintain; rugged design; and longer service life. The Company has been sourcing and offering products in compliance with the set industry norms. The company is engaged in manufacturing, and supplying highly commendable range of portable containers and cabins.

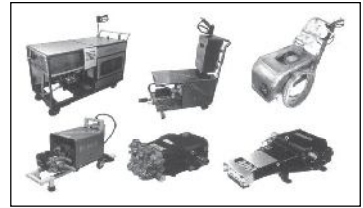


Contact:

**SMS Marine Services**  
No: 1, I J Puram, 1st Floor, Ponneri High Road  
Manali New Town, Manali, Chennai 600 103  
Mob: 99620 58896 • E-mail: vadivel1988m@gmail.com

## Complete Cleaning Solution

Powerjet Engineering is a manufacturer and dealer for High Pressure Water Jet equipment, ultrasonic cleaner, sewer cleaning equipment and other environmental products and providing services in various industries. The company has extended their products service in various industries like Chemical, Engineering, Poultry, Hotels, Hospitals, Paper and Pulp, Pharmaceuticals, Navy, Thermal Power Plants, Ship Yards, Mining, Jewellery Manufacturers and Exporters, Food Processing Units, Container Repair Yards, Defense, Dairies, Ports, Automobile and Steel industries, etc. Powerjet Engineering believes in cleaning for better quality and offer complete solution for all kinds of cleaning related problems. By using water as a tool high-pressure jet removes stubborn and heavy dirt layers within a minute. Their motto is cleaning with ease and dignity. Powerjet System is: versatile cleaning equipment, which achieves high degree of cleaning efficiency. High-pressure water jet systems are basically classified into two parts that is intermittent and continuous duty cycle machine based on the application areas. To suit specific customer requirement the company is offering complete range of High Pressure Water Jet Systems. The Products range are: HP Water Jet Cleaning System with FLP Motor and starter, Range 90 to 275 bar in Standard Series and SS 316 Pump Series; High Pressure Water Jet Cleaning System Range 30 to 275 bar in Standard Series; High Pressure Water Jet Cleaning System Range 250 to 500 bar in Premium Heavy Duty Series; High Pressure Water Jet Cleaning System Range 200 to 275 bar in HT Series; High Temperature Pump; Accessories like High pressure Trigger Guns, Spray balls, Tank and Reactor Cleaning Rotary Heads, etc.



Contact:

**Powerjet Engineering**  
Gala No: 108, Building No: 7, Blue Mount Work Station  
Premises CS Ltd, Village Waliv, Sativali Road  
Nr: Parle Global Technologies, Vasai (East)  
Dist: Palghar, Maharashtra 401 208  
Mob: 84460 44169, 99670 03046  
E-mail: info@powerjetengineering.com

## Welding Products

R D Weld Products Pvt Ltd offers Welding Products like Fluxcored Wires, SAW Wires and Flux, TIG Solid Wires, SS Flux cored Wires, Stick Electrodes, CO<sub>2</sub> Solid Wires, etc. and also Welding Machines like ARC/MMA, TIG, TIG-P, MIG/MAG, SAW, CUT Plasma welding machines.

Contact:

**R D Weld Products Pvt Ltd**  
24 Majithia Industrial Estate, W T Patil Marg  
Deonar, Mumbai 400 088  
☎ 022 – 6735 8989 • Fax: 022 – 6735 8999  
E-mail: info@rdweld.com

## Single Girder Overhead Cranes

Sumo Material Handling Systems and Services offers Single Girder Overhead Cranes. Features are: single girder overhead cranes are convenient for material handling in production units and warehouses; reduced wheel loads combined with very low headroom standard hoists provide outstanding value; these overhead cranes can be into floor areas by using various various fixing arrangements and modifications in design; accurate dimensions result in optimal hook position providing exceptional travel characteristics; there is minimum safety distance with the ceiling of the building for overhead cranes with load capacity range of up to 10 T, allowing optimal space utilization. The company manufactures and supplies a broad chain of material handling equipment.



Contact:

**Sumo Material Handling Systems & Services**  
B-1, Ajanta, Naranpura Cross Road, Opp: Jain Temple  
Naranpura, Ahmedabad, Gujarat 380 013  
☎ 079 – 2768 0531 • Mob: 98250 22530, 97125 42770  
E-mail: kkothari28@hotmail.com

## Met Arc Brand Welding Transformers

Met Weld Pvt Ltd offers Met Arc Brand Welding Transformer. Features: MET-Weld AC welding transformer used as a power source for manual metal arc light, medium and heavy structural and general purpose maintenance fabrication work; this machine used as a power source for Gas Tungsten Arc welding (TIG) of aluminium magnesium and their alloys; step less, smooth and variable current regulation by moving core shut design; higher OCV enables used of longer cable and lead length and ensure easy arc striking. The company, being a prominent welding entity, is offering a comprehensive range of welding consumables and equipments that aptly suits the needs of welding solutions and fabrication.



Contact:

**Met Weld Pvt Ltd**  
A-2, Subhlabh Estate, Maheshwari Mill Road  
Tavadipura, B/h: Laxmi Ice Factory  
Tavadipura, Ahmedabad, Gujarat 380 004  
☎ 079 – 2563 0267 • Mob: 98980 13007  
E-mail: info@metweld.in

## Hydraulic Ironworker & Punching Machine

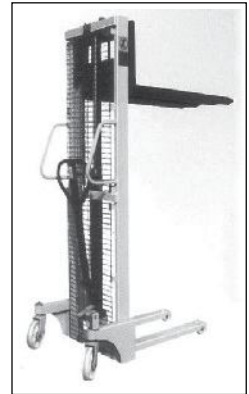
Sanmac Machines offers Hydraulic Ironworker and Punching Machine Models IW-45K and IW-85KD. Features: These are manufactured by Sunrise Fluid Power Inc, Taiwan, which is one of the worlds' largest manufacturers of hydraulic ironworkers, punching stations and CNC controlled positioning tables; the Sunrise hydraulic ironworkers are designed with multi-functions to save labour, time, energy and cost; the versatility allow the engineering industry; the all new K-series models are specially designed compact ironworkers with vertical movements at all stations; and the very fast cylinder stroke greatly improve efficiency.

Contact:

**Sanmac Machines Check address**  
No: 55 Sembium Road, Balaji Nagar, Kadirvedu  
Puzhal Post, Chennai 600 066  
☎ 0452 – 262 1070 • Mob: 94430 50170  
E-mail: admin@sanmacmachines.com

## Manual Stacker, SDJ

Macro Tech manufactures Manual Stacker SDJ. Its features include: heavy-duty, designed with quality mast construction drop forged forks straddle leg designed suitable for double side pallet; light and easy manual steering systems; economic but reliable; capacity: 1000 kg and lift height is 2500 mm. The company is engaged in manufacturing of material handling suitable equipment like battery-operated fork lift truck, pallet stacker, power pallet truck, hand pallet truck, platform truck, towing truck.



Contact:

**Macro Tech Equipment Pvt Ltd**  
64 Sadananda Road, Anami Sangha, Kalighat, Kolkata 700 026  
☎ 033 – 2466 6261, 2463 4684  
Mob: 98310 83880 • E-mail: infp@macrotechcal.com

## Cable Ties & Accessories

Krishna Electronics supplies a range of Cable Ties and Accessories such as KSS Releasable Cable Ties, KSS Push Mount Ties, KSS Mounting Cable Ties, KSS Marker Ties, KSS Knot Tie (Ball Type), KSS Double Head Knot Ties, KSS Extra Heavy Duty Ties, KSS Marker Ties, KSS Releasable Push Mount Ties, KSS Adjustable Cable Clamps, KSS Self-Adhesive Tie Mounts, KSS Screw Fastened Supports, KSS Locking Wire Saddles, KSS Self-Adhesive PCB Supports, etc.

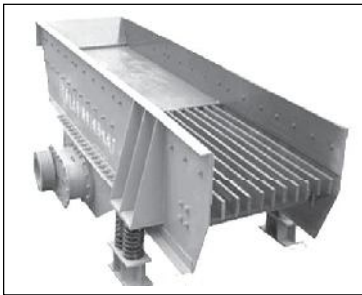
Contact:

**Krishna Electronics**  
2 Digamber Jain Temple Road, 4<sup>th</sup> Floor, Kolkata 700 007  
☎ 033 – 4008 3262 • Mob: 98310 20434  
E-mail: jsshyam@vsnl.net



## Vibrating Grizzly Feeder

Buildmate Projects supplies a wide range of Vibrating Grizzly Feeders. Features: these feeders are designed for the toughest applications, high capacity and able to process abrasive material in a wide range of primary feeding applications; these feeders are easy to maintain, allowing maximum uptime and productivity; the heavy-duty double shaft mechanisms with gears are in an oil-bath for extended service intervals and long life; and it boasts of a robust design that accepts material impacts from dump trucks; its two or three step models ensures maximum efficiency to remove quarry fines or clay. The company is a manufacturer, supplier and exporter providing a wide range of manufacturing technology such as autoclaved aerated concrete plants, dry mix mortar plants and lime plants.

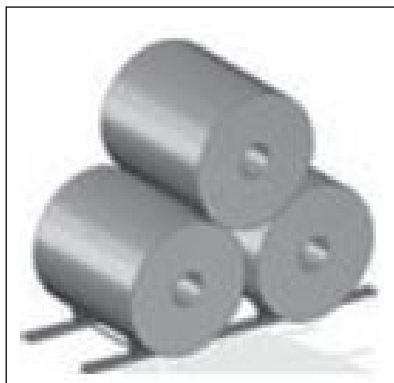


Contact:

**Buildmate Projects Pvt Ltd**  
Plot No: 60, 61 & 62, NH 44, Medchal Road  
Gundlapochampalli, Hyderabad, Telangana 500 014  
Mob: 76759 89911 • E-mail: mvr@buildmate.in

## Coil and Pipe Storage System

Armatic Engineering offers wide range of Coil and Pipe Storage System. Features are: this coils/pipes of any capacity can be stacked one on each other safely and easily; coils up to as minimum of 600 mm dia and maximum of 2000 mm dia can be stacked on top of each other; the systems is the safest way to store compared to wooden chocks or wedges; the system can be grouted or just placed on the floor. Coils can be stored up to 2 levels and pipes can be stored to 3 levels. Adjustable wedges will help in storage of various diameters; and it is very easy to assemble and dismantle. The wedges surface contact area can be supplied with steel, aluminium, PU, or nylon. The company is leading designers of custom-built material handling equipment in India having expertise in design and innovation of new products.



Contact:

**Armatic Engineering Pvt Ltd**  
8 Banashankari II Stage, Sista Industrial Area  
Bengaluru, Karnataka 560 070  
☎ 080 - 2671 7078  
E-mail: arjunmany@armaticengineering.com

## Gas Flow Measuring Device

Bibus Horizon Mechatronics & Automations offers a wide range of Gas Flow Measuring Device. Features are: the device has innovative sensor design for very high gas velocities; field repeatable check procedure of factory zero flow test; high power transducers for cross-duct measurement at pipe sizes up to 72 inches; hermetically sealed transducers made of titanium or stainless steel; highest availability of measurement also in difficult gas compositions with sound absorbing components (e.g. CO<sub>2</sub>); suitable for gases with high contamination rate (liquids, particles, etc.). The company is engaged in manufacturing, distributing, trading, supplying, and technical support company for pneumatic, hydraulic, mechatronic and environmental technology equipment and accessories.



Contact:

**Bibus Horizon Mechatronics & Automations Pvt Ltd**  
No: 102/25, 1st Floor, Yellupura Village  
Kasaba Hobli, Near KSSIDC Industrial Area  
Doddaballapura Taluk, Bangalore, Karnataka 561 203  
Mob: 95388 83858, 99160 34347 • E-mail: sales@bibus.in

## Ignition Electrodes CUMITUFF

Carborundum Universal Limited, Industrial Ceramics Division offers CUMITUFF Ignition Electrodes. Insulated electrodes are used in three roles, as igniters, flame detecting probes or liquid level probes in conjunction with appropriate control equipment. JMITUFF Ignition electrodes, by the use of 55 Alumina as insulator, possess superior mechanical strength and excellent thermal shock resistance. The sealed construction makes the igniters ideal for use as probes in liquid level controls and flame detectors.



Contact:

**Carborundum Universal Limited**  
Industrial Ceramics Division  
#47, 48 (Part) SIPCOT Industrial Complex  
Hosur, Tamil Nadu 635 109  
☎ 04344 - 30 4700 • Fax: 04344 - 30 4809  
E-mail: customercare@cumimurugappa.com

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## Industrial Control Panel

Lubi Electronics designs and manufactures Quality Control Panels integrated with Electrical, Electronics and Automation components and engineering excellence to cater complete industrial solution. Lubi has an experienced design team with latest design software and tools, In-house testing facilities for checking quality and functionality of Control Panels. Their control panel designs are working in almost all industries like Printing and Packaging; Plastic; Pharmaceuticals, Chemical; Fo-od; Pump; Process; Machine Tool; Textile; Engineering, etc. Types of Panel: Designs and builds as per customer requirement; Automation Control Panel with System Integration of PLC, HMI, VFD, AC Servo; Instrumentation Panel; Starter Panels DOL/STAR-DELTA/ATS; Automation Panel for Pressure Boosting application; Power Distribution Panel, PLC, MCC, APFC; Bus Duct Panel; Feeder Panel; Synchronizing Panel; Design with proper cooling arrangement; High quality switch gears and automation components; MS/SS/ABS plastic enclosure with different industrial IP ratings: IP44, IP55, and IP65. Key Strengths: Complete Industrial Solution; High Quality and Reliability; Excellent Workmanship; Aesthetic and Ergonomic Design; Innovative Concepts; Skill Engineering; High Product Value; and Customer Satisfaction.



Contact:

**Lubi Electronics**  
Sardar Patel Ring Road, Nr: Karai Gam Patia  
Nana Chiloda, Dist: Gandhinagar, Gujarat 382 330  
☎ 079 – 3984 5300 • Fax: 079 – 3984 5599  
E-mail: [info@lubielectronics.com](mailto:info@lubielectronics.com)

## Arc/Gouging Welding Machine, Heavy Duty

Prowin Techno offers heavy duty Arc/Gouging Welding Machine. Technical Specifications of Model YUVA-630 PR – Rated input voltage: 415 V  $\pm 10\%$ ; Input voltage range: 280-560 V; Frequency: 50/60 Hz; Rated input capacity: 34 kVA; Rated input current: 66 A; Safe No-load Voltage: 85 V; Duty Cycle: 70%; Current Adjusting Range: 20-600 A; Efficiency: 85%; Insulation: F; Case protection degree: IP215; Overall dimension: 625 x 302 x 585 mm; Weight: 35 kg; Suitable electrode rod: 4.0/5.0/6.0 mm.



Contact:

**Prowin Techno Weld Equipments**  
#65 B, Athipalayam Pirivu, Ganapathy  
Coimbatore, Tamil Nadu 641 006  
Mob: 94439 36115, 63698 63928  
E-mail: [info.prowin786@gmail.com](mailto:info.prowin786@gmail.com)

## Motor Control Panels

Sanjay Electrical Traders offers a comprehensive range of Motor Control Panels. Features are: these panels are manufactured by using quality materials and advanced technology; manufactures all kinds of panels according to the trending demands and clients' needs; the panels are built and developed adhering to industry standards; the in-house quality control team undertakes strict quality inspection to assure flawless performance of the panel during operation; and panels are available at industry leading prices. The product features include: high temperature endurance; highly efficient; and easy installation. Sanjay Electrical distributes a range of electrical goods that are procured from reputed international names such as AE, Eltrac, Conzerve, L&T, Siemens and BCH. In addition, the company also manufactures a range of panel meters that are of premium quality.



Contact:

**Sanjay Electrical Traders**  
2206/5, 2nd Floor, Chah Indara  
Bhagirath Place, Delhi 110 006  
☎ 011 – 2387 4484 • Mob: 98687 96430  
E-mail: [manish@sanjayelectricaltraders.com](mailto:manish@sanjayelectricaltraders.com)

## High Tension Transformer

Muskaan Power Infrastructure offers a wide range of High Tension Transformer. Features are: high tension transformer with state of the art technology two-in-one system; servo controlled automatic voltage controller either on LT side or HT side; transformers with built-in rolling contact Type AVR; suitable for indoor/outdoor installation; copper wound HT two-in-one system; the standard off-circuit tapping of transformers can correct limited voltage variation; equipment is basically a combination of HT AVR with a standard distribution transformer; and fluctuating voltage from grid is controlled by the HT AVR; LT output within  $\pm 1$  per cent accuracy; higher efficiency makes the distribution transformer to utilize up to 100 per cent capacity. The company is engaged in manufacture, supply and export of a wide range of electrical and power equipment.



Contact:

**Muskaan Power Infrastructure Ltd**  
Sua Road, Industrial Area-C  
Dhandari Kalan, Ludhiana, Punjab 141 014  
☎ 0161 – 251 0641 • Mob: 94170 33948  
E-mail: [info@muskaanengineers.com](mailto:info@muskaanengineers.com)



## Firefighting Panel

Koyka Electronics offers quality Firefighting Panel, which is manufactured by experts using high grade components and innovative technology; available in different designs and sizes as per the needs of clients, within a specific time frame; it works for both manual/ auto mode; when pressure drops the booster pump kick-starts automatically to keep the main line for desired pressure; and easy connection installation; available in wall mounting /floor mounting; operating voltage - AC 220



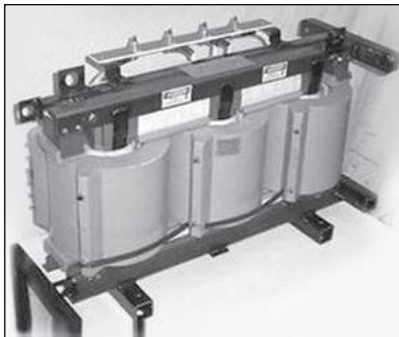
V - 380 V; power - 200 W; working temperature - 20°C - 50°C. The company is a manufacturer, importer, exporter and supplier of a various types of sealing machines, packaging machines, filling machines, powder packing machines, food processing machines, snacks making machines, multihead weigher machines, etc.

Contact:

**Koyka Electronics Pvt Ltd**  
1165 Sector-7D, Mathura Road  
Faridabad, Haryana 121 006  
Mob: 98105 01205 • E-mail: [harsh@koykagroup.co.in](mailto:harsh@koykagroup.co.in)

## Dry Transformers

Urja Techniques India offers a wide range of Dry Transformers (VPI). Features: Dry type transformers are suitable for indoor installations in volatile atmospheric areas and populated locations such as malls, multiplexes, etc; Dupont Nomex insulating material is used to secure the windings in place during vacuum and pressure impregnation process with superior class of resin to suit highly humid /dusty atmosphere and free from fire hazard; the result is a coil that exhibits high short circuit protection due to the tightly bonded conductors comparable to completely resin encased molded transformers at a substantially low cost; periodical vacuum cleaning of winding surface is the only maintenance required.

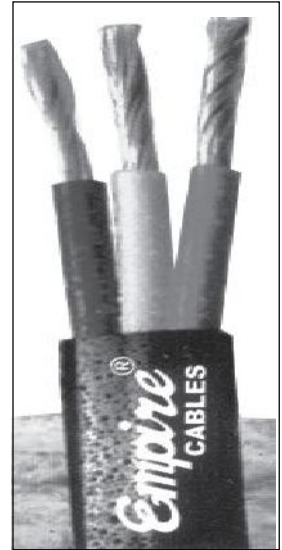


Contact:

**Urja Techniques India Pvt Ltd**  
B-17, Shriram Industrial Estate, G D Ambekar Marg  
Sahakar Nagar, Wadala, Mumbai 400 031  
☎ 022 - 4067 0500, 2415 0505  
Mob: 98204 01606 • E-mail: [urjatech@gmail.com](mailto:urjatech@gmail.com)

## 3-Core Flat Submersible Cables

Empire Cable Industries Pvt Ltd 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 impervious to water, grease, oil, etc.

Contact:

**Empire Cables Industries Pvt Ltd**  
115 Phase II, Badli Indl Area, Delhi 110 042  
☎ 011 - 2789 3424, 2386 8832  
E-mail: [empirecables@yahoo.co.in](mailto:empirecables@yahoo.co.in)

## Double Toggle Jaw Crusher

Precious Mineral Processing Systems offers a wide range of Double Toggle Jaw Crushers which are manufactured with innovative techniques, high-grade raw material and strictly comply with international quality norms, checked on varied parameters to ensure defect-free products. Its features include easy operation, low maintenance, and optimum functionality; product attributes include light weight, sleek and compact design, reliable performance and long service life. The company is a manufacturer, exporter and supplier of an assortment of size reduction equipment cement feeding equipment and mixing equipment.



Contact:

**Precious Mineral Processing Systems**  
4809 Phase-4, GIDC, Vatva, Near Water Tank  
Vatva, Ahmedabad, Gujarat 382 445  
Mob: 99740 88696  
E-mail: [info@preciousfabcast.com](mailto:info@preciousfabcast.com)

## Control Cables

Empire Cables 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 volts (Uo/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. 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 • Fax: 011 – 2386 1610  
E-mail: empirecables@yahoo.co.in

## Microprocessor Based Engineering Unit Model EU-08 RTP

Nippon India offers Microprocessor Based Engineering Unit Model EU-08 RTP. It has Hi and Lo Alarm set point with Relay O/P and Process Value (PV) Re-transmission 4~20 mA DC with 24 V DC Transmitter Supply, all input and range programmable from front panel switches. Input Sensor: T/C – Type: J/K/R/S/T/E; RTD – Type: PT 100/CU-53; Analogue: 0-10 V DC/ 4~20 mA DC (Scalable – 1999 to 9999 with selectable DP); Display: 0.8" height, 4-digit; Mains: 180 ~ 264 V AC, 50 Hz; Dimensions: 48 mm (H) x 96 mm (W) x 78 mm (D).



Contact:

**Nippon India**  
237/8 New Sonal Link Indl Estate, Building No: 2  
Link Road, Malad (West), Mumbai 400 064  
☎ 022 – 4062 0000 • Fax: 022 – 4062 0099  
E-mail: sales@nipponindia.com

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

## Dry Type Transformer

Jaybee Industries offers a wide range of Dry Type Transformers. Features: The cast resin dry type transformer applies resin insulated encapsulated winding for HV and LV windings; the products features with low power consumption, zero pollution, heat-proof, cleavage-proof, moisture proof, high mechanical capacity, long lifetime and easy maintenance; winding with temperature automation monitor and protection to ensure longtime safe and reliable performance; small volume, lightweight, low noise pollution and easy installation and maintenance; can be for power distribution system in occasions such as high building structures, trading centers, powerhouses, substations and airports. The company is a manufacturer, supplier and exporter a comprehensive range of distribution and power transformers.



Contact:

**Jaybee Industries**  
5 KM Stone, Malout Road, Bathinda, Punjab 151 002  
☎ 0164 – 227 0407 • Mob: 92165 32387  
E-mail: info@jaybeeindustries.com

## HT Switchgear Panel

GSS Powerserve offers a wide range of HT Switchgear Panels. Features are: It is reliable in operation; low maintenance; superior functionality; manufactured using premium quality raw material; highly efficient, easy to maintain, smooth functioning and optimum quality; vacuum circuit breaker panels up to 36 kV; SF6 gas insulated vacuum ring main units (including add-on units) in various combinations (multi circuit range) as per customer requirement up to 24 kV; oil RMUs; outdoor VCBs up to 36 kV; indoor GIS panels up to 36 kV; retrofit solutions for old bulk oil circuit breakers (replacement of BOCB trolley with retrofit VCB trolley); SF6 gas circuit breakers 36 kV, 66 kV, 110 kV, 230 kV. The company is supported with well qualified and highly experienced professionals with 20 years' experience in the field of power quality audits and offer suitable solutions.



Contact:

**GSS Powerserve Private Limited**  
Popular Garden, 5/29 Barathipuram  
Coimbatore, Tamil Nadu 641 103  
Mob: 75024 59382 • E-mail: sales@gsspowerserve.in



## Constant Voltage Transformer

Arzoo Energy (I) offers a wide range of Constant Voltage Transformer. Features are: these transformers are maintenance free solutions for loads that can suffer erratic operation or be damaged by electrical noise (common or series mode), local transient, mains power sags, surges and brown-outs because of its resonant property; a CVT is also the most efficient way to drive a switched mode power supply (SMPS), and provides harmonic buffering; galvanic isolation; high common and normal mode noise attenuation; sag, surge and brownout protection; sine wave output; low installation heat output and running costs; easy to install; and can be used for process control; automation; computer system broadcasting; medical; air, rail, ship. The company is a manufacturer, exporter and supplier of LED product, power saving product, panels, stabilizer and transformer.



Contact:

**Arzoo Energy (I) Pvt Ltd**  
Prakash Mansion, Room No: 49  
Dr Baba Saheb Ambedkar Road  
Gautam Nagar, Dadar East, Mumbai 400 014  
☎ 022 – 2417 2663 • Mob: 98677 11509  
E-mail: anil@arzoenergy.in

## Transformers & Chokes, Inductors & Reactors

Salzer Electronics Limited offers Transformers and chokes, Inductors, and Reactors. Dry Type Magnetics – VPI, AN-AF Water Cooling etc; Transformers Range: 1 kVA to 1 MVA, 1 phase and 3-phase. Chokes/Inductors/Reactors Range: 1 kVAR to 1 MVAR, 1 phase and 3-phase. Applications: Voltage step-up and Step-down, Isolation, Power factor Correction, Harmonics Filtering, Current/Power smoothening, etc. Sectors: Renewable Energy (UPS/Wind/Solar), Drive sectors, Industrial Sectors and Railway/Traction/Mobility, etc. The Company also offers Energy Savers and Panels, Modular Switches, Limit and Foot Switches, Wires and Cables, Wire Harness and Power Cords, Enameled Copper Wires and Polywrap Wires, Rotary Switches (AC/DC), Photo Voltaic Isolators, Cable Ducts, Contactors and Overload Relays, etc.



Contact:

**Salzer Electronics Limited**  
Samichettipalayam, Coimbaore, Tamil Nadu 641 047  
☎ 0422 – 423 3600 • Fax: 0422 – 269 2170  
E-mail: salzer@salzergroup.com

## Distribution Transformer, Single Phase

Nakoda Steel offers a wide range of Single Phase Distribution Transformers. Features are: A distribution or a service transformer provides the final voltage transformation in the electric power distribution system, stepping down the voltage used in the distribution lines to the level used by the customer; single phased oil filled distribution transformers are designed to improve the quality and reliability of the electrical distribution systems; Nakoda transformers are manufactured in 5-25 kVA, in primary voltage classes of 11 kV, 22 kV and 33 kV; they are available in single- or double-bushing cover mount configuration, with secondary voltages of 120/240, 240/480 or 277; energy efficient from 1 star to 5 star, BIS Level 1, 2 and 3; and these transformers have an interlaced core-type design, more resistant to low-side voltage surges. The company manufactures a wide range of transformers.



Contact:

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Narsihaji Estate, Pratapnagar, Yamuna Mill Road  
Pratapnagar, Vadodara, Gujarat 390 004  
☎ 0265 – 258 0663  
E-mail: info@nakodaproducts.com

## Overhead Traveling Crane

Sharp Engineering offers a wide range of Overhead Traveling Cranes. Features are: the overhead traveling crane offered is used in loading and unloading work and provides cost-effective usage; these overhead cranes, based on the latest technology, provide superior floor coverage with operations based on push button support; Suitable in areas like warehouses for material handling applications, the equipment undergoes extensive quality checks to ensure high operation reliability; and its simple construction reduces cost; the cabin is operated through a master controller. The company is engaged in manufacturing and exporting a quality range of material handling machine and equipment.



Contact:

**Sharp Engineering**  
Ramol Ring Road, Ramol, Ahmedabad, Gujarat 382 449  
Fax: 079 – 2585 7872 • Mob: 98983 73131  
E-mail: sharpengineering@ymail.com

## Vacuum Circuit Breaker Panels Medium Voltage

Sanjay Technical Services provides Medium Voltage Vacuum Circuit Breaker Panels (33 kV and 11 kV VCB panels). Features: These panels are manufactured with state-of-the-art technology that guarantees reliable service and ensures functional excellence and safety; the equipment has a fully compartmentalized construction with IP4X/5X degree of protection; some of its applications are that of back-up protection of power transformers, motors, capacitor banks and power distribution systems; panels are customized on client specifications and requirements; these panels are manufactured of the finest quality material and put to test by an expert team before delivery; they are reliable as it conforms to IE regulations. The company is a leading electrical panel builder and electrical contractor.



Contact:

**Sanjay Technical Services Pvt Ltd**  
D-38, Phase IV Extension, IDA Jeedimetla  
Hyderabad, Telangana 500 055  
☎ 040 – 2309 5558 • Mob: 98495 13001  
E-mail: sanjaytechnical@gmail.com

## SS Solar Online UPS

SS Online UPS is a True Double Conversion Online UPS with Galvanic Isolation Transformer in the output side. It ensures maximum reliability to critical loads. It is tailored to suit the requirement of different operating conditions. SS Online UPS can be expandable to Solar Online UPS, with this model one can save 50% saving on electricity bills. Features: available from 1 kVA to 10 kVA; Double Conversion Online UPS; DSP Controlled System; Wide Input Range; Output Transformer for Isolation; High Efficiency Design; Four Line LCD; True Sinewave Output; Expandable to Solar Online UPS; Live Monitoring through Smart Phones.



Contact:

**SS Systems**  
Site No: 4 SF No: 20, Sakthi Nagar, Padmavathi Layout  
Chinnavedampatti, Coimbatore, Tamil Nadu 641 049  
☎ 0422 – 266 8812 • Cell: 94437 32011  
E-mail: ssups1@gmail.com

## Three Phase Star Delta Control Panel

Magnum Switchgear offers a wide range of Three Phase Star-Delta Control Panel. Features: These three phase star-delta control panel is a powerful switching and controlling device for motors where primary requirement is to start the motor at a reduced voltage in comparison to DOL method of starting, which reduces disturbances in the electrical supply; these solutions offer protection against single phasing and phase reversal, and provide auto-restart facility; the product has a preventer with auto unit for single phasing and phase reversal protection; automatic restart on initiating power through preventer with auto unit and inbuilt precise star-delta timer; and machine wound and vacuum impregnated coils has an ergonomic design and aesthetic looks with wide voltage band. The company provides motor control panels and starters for domestic and agricultural use. The product range is focused on direct online motor starters, submersible pump panels, and open well panels.

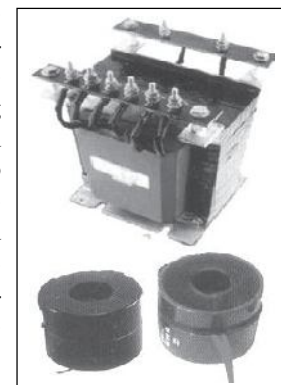


Contact:

**Magnum Switchgear**  
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Bengaluru, Karnataka 560 079  
☎ 080 – 2358 0952 • Mob: 86182 41212  
E-mail: sales@magnumswitchgear.com

## Control Transformers

Soorya Electrocomponents manufactures Control Transformers for industrial applications where electromagnetic devices such as relays, solenoids are used. The Control Transformers maximizes inrush capability and output voltage regulation when electromagnetic devices are initially energized. Control Transformers incorporate high quality insulating materials. This insulation is used to electrically insulate turn to turn, layer to layer windings, primary to secondary windings and ground. The company also manufactures ferrite core transformers for SMPS, Pulse Transformers and Inductors.



Contact:

**Soorya Electrocomponents**  
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☎ 04652 – 262 111 • Mob: 94899 32290  
E-mail: admin@sooryaelectrocomponents.com



## parts2clean 2020: The International Hub for Component Cleanliness

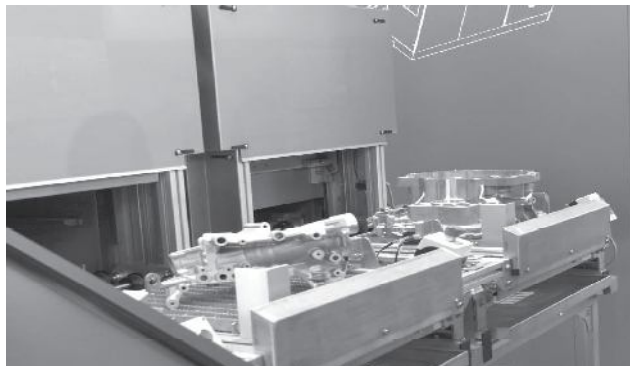
The transformational wave sweeping across numerous industrial sectors and markets is presenting companies with new and ever-shifting challenges, and this is also applies to industrial component and surface cleaning.



This trend is fully reflected by parts2clean 2020 (from 27-29 October in Stuttgart, Germany.). For virtually every high-tech application in the fields of manufacturing and reprocessing, parts2clean is the information and procurement platform of choice for users of industrial cleaning technology.

Hannover. New product requirements as a result of alternative drives and the turnaround in energy policy, among other factors; innovative manufacturing technologies and processes, such as additive manufacturing, digital transformation and AI; stricter regulatory requirements and climate protection targets – these are just a few examples that have triggered a number of far-reaching transformative processes in a wide variety of industries. Manufacturing steps such as component and surface cleaning are becoming increasingly important, both in production and in reprocessing. In short, component cleanliness is critical to the satisfactory quality of subsequent processes and for ensuring that products function optimally on a sustained basis.

The current changes underway in industrial component cleaning therefore require sustainable solutions tailored to the specific range of products and tasks and to the individual situation. To make appropriate investment decisions, however, a comprehensive overview of development trends, technologies, methods, processes and suppliers is necessary. “In the field of component cleaning, parts2clean facilitates comprehensive monitoring in an effective and efficient way,” says Olaf Daebler, Global Director of parts2clean at Deutsche Messe. “It’s the world’s largest event featuring every aspect of industrial cleaning technology, with all the relevant suppliers on board.”



Providing decision-makers with the input and choices they need For 18 years, now, parts2clean has served as the number one information and procurement platform for users from a wide variety of industries and countries. The 2019 visitor survey revealed that for over a third of the trade visitors, parts2clean was their only source of input on available solutions. At 86%, the percentage of attending professionals who play a role in their company’s investment decisions is above average. A good three quarters of them indicated they had come to the show with specific investment and purchasing intent, with 39% indicating they were planning to invest more than •100,000. For participating exhibitors, this added up to very promising conditions for lead generation. “parts2clean is attended by solution-seekers with specific objectives in mind. Within the following one- to two-year period, we’ve been able to generate orders from roughly 30% of the contacts made at the show,” reports Karl-Heinz Menauer, Sales & Technology at acp Systems AG.

Special formats and attractive supporting events add value Spanning industries and technologies, the various solutions along the process chain of industrial component and surface cleaning provide users from all manufacturing sectors and reprocessing with specific and useful information about processes, methods, media, procedures and suppliers. In addition, the upcoming parts2clean fair will focus on issues such as cleaning in optoelectronics, medical technology and electronics manufacturing. Other topics will include the automation and digitization of cleaning processes, the increasingly important removal of filmic-chemical contamination, precision cleaning and quality control in the cleanroom, and the selective treatment of functional surfaces. “The presentations focus not just on the current state of the art but also on future requirements and solutions,” says Daebler.

Special formats such as “Process flow component cleaning with cleanliness control in the cleanroom” and QS-REIN 4.0 provide visitors with information about particular fields and encourage discussion about innovations. Visit: [www.parts2clean.de/de/info/fuer-journalisten](http://www.parts2clean.de/de/info/fuer-journalisten)

## Thermax Displays its Edge in Technology and Sustainability at Boiler India 2020

*Exhibits range of energy, environment solutions including new technologies, actual boilers, models of chiller and in-place sewage treatment plant, green chemicals and biomass fuels*



Inauguration of the Thermax booth at Boiler India 2020 by M.S. Unnikrishnan, MD & CEO, Thermax and Rajesh BC, head, TBWES Services.

Thermax Limited, a leading energy and environment solutions provider participated at Boiler India 2020. The company being one of the prominent exhibitors displayed its capabilities as 'One Thermax' offering a comprehensive range of utility solutions right from energy generation to dissipation – heating and cooling equipment, turn-key power plants, waste heat recovery units, systems for water and wastewater management including wastewater recycle, air pollution control and performance improving chemicals with a focus on sustainable offerings.

Highlights of the display comprised an actual Shellmax Global Boiler, a smart and compact boiler with international standards; biomass-based heating solutions; in-place sewage treatment and other water treatment solutions; efficient steam accessories and a range of chemicals for special applications.

Apart from physical exhibits, a series of captivating visual displays were showcased, such as making and shipping of the largest battery of modularised boilers from India for the biggest refinery in Africa; IoT solutions for boilers and chillers as a game-changer and simulated working of high technology products.

M S Unnikrishnan, MD & CEO, Thermax said, "I am thrilled that Boiler India 2020's maiden initiative has re-



Thermax Booth



Thermax Team

ceived excellent response with over 150 exhibitors displaying India's advancement in boiler technology. I am delighted with Thermax's participation to showcase our capability, not only in boilers but allied areas and up to power plant engineering. It is important for the world to see us as the best company in sustainable energy and environment solutions."

Thermax also displayed its product portfolio of its recent venture into the 'Urban' segment to address critical customer needs in the realty, commercial, hospitality, health-care and infrastructure domains. The offerings span heating, solar PV, water solutions and chemicals.

Thermax's belief being firmly anchored in its purpose of 'Conserving Resources and Preserving the Future', showed in its comprehensive display. The company focused on innovative green technologies that not only help reduce environmental impact but also help customers reduce their carbon footprint and save operational expenses. These include waste heat recovery systems,



flue gas desulphurisation systems, vapour absorption machines, power from waste and renewables.

Thermax was also one of the key participants at various panel discussions and presentations held alongside the expo on all the days. Various members from the company including business leaders, category heads and technical experts covered subjects ranging from boiler selection and feasibility of fuel change; pathway for successful boiler manufacturing and modularisation of boilers; latest trend in welding; and the future of the boiler industry in India and the global scenario.

**About Thermax Limited:** Thermax Limited, a leading energy and environment solutions provider is one of the few companies in the world that offers integrated innovative solutions in the areas of heating, cooling, power, water and waste management, air pollution control and chemicals. Thermax has manufacturing facilities in India, Europe and South East Asia. The sustainable solutions Thermax develops for client companies are environment-friendly and enable efficient deployment of energy and water resources.

For more information visit [www.thermaxglobal.com](http://www.thermaxglobal.com)

## Birla Carbon awarded fourth consecutive Gold rating by EcoVadis for Sustainable Practices



Birla Carbon has been awarded a **Gold** level rating for sustainable practices, for the fourth consecutive year by EcoVadis. Birla Carbon was recognized as an advanced practitioner of Sustainability. The rating was awarded after EcoVadis reviewed Birla Carbon's sustain-

ability reporting standards and practices, based on Birla Carbon's seventh sustainability report, *Evolving, Sustainably Together*.

Joe Gaynor, Chief Legal, Sustainability and Risk Officer, Birla Carbon shared, "This is Birla Carbon's fourth consecutive Gold rating with EcoVadis. The continued success only shows that our strategy, engagement and execution towards becoming a sustainable organization is on the right track." He further added, "While we continue to pursue our vision to be the most respected, sustainable and dynamic global carbon black manufacturer, it is our Purpose – 'Share the Strength' that drives our engagement with our customers and our suppliers and motivates every employee at Birla Carbon to work towards building a sustainable carbon black business for the future."

With the gold ranking, Birla Carbon continues to occupy a strong position of being among the top companies in the sustainable practices space under the 'Manufacture

of other non-metallic mineral products' industry.

EcoVadis is a collaborative platform that provides supplier sustainability ratings for global supply chains. Since its founding in 2007, EcoVadis has become a partner to procurement organisations for more than 300 leading multinationals worldwide. Combining People, Process and Platform, EcoVadis has developed technology and a CSR assessment method which covers 190 purchasing categories, 150 countries and 21 CSR indicators. More than 55,000 companies use EcoVadis to reduce risks, drive innovation and foster transparency and trust between trading partners.

**About Birla Carbon:** Birla Carbon is a leading global supplier of carbon black. As one of the flagship businesses of the US\$ 48.3 billion Aditya Birla Group, Birla Carbon provides innovative sustainable carbon black solutions that enhance the performance of paints and coatings, inks and toners, plastics, adhesives, sealants, textile fibers, mechanical rubber goods and tires.

The company's footprint extends across 12 countries with 16 manufacturing facilities and two state-of-the-art technology centers in Marietta (USA) and Taloja (India), providing industry leading innovation. It's Sustainable Operational Excellence (SOE) strategy focuses on employee safety, environmental stewardship, efficient use of carbon sources and operating in a socially and ethically responsible manner. Visit: [www.birlacarbon.com](http://www.birlacarbon.com)

To view our e-magazine, visit: [www.ips.co.in](http://www.ips.co.in)

## Unnikrishnan to Retire at 60 as Thermax MD & CEO; Ashish Bhandari to Succeed

Thermax announces the appointment of Mr. Ashish Bhandari as the Joint MD of the Thermax Group, effective April 20, 2020. M.S. Unnikrishnan, Managing Director and CEO Thermax will retire on June 30, 2020 following which Mr. Bhandari will move into the role of Managing Director and CEO. Ashish will be joining Thermax from Baker Hughes (formerly a GE Company), where he is currently the Vice President – India & South Asia region. Ashish is an engineering graduate from the Indian Institute of Technology, Mumbai, and received his Master's degree in Business Administration from Duke University.

Commenting on the appointment of Ashish Bhandari, Meher Pudumjee, Chairperson of the Board said, "We are delighted to have Ashish join us as Joint MD of Thermax. He has nearly three decades of global experience with a strong track record of growing diverse businesses. The Board believes that he is the right person to succeed Unny who has successfully led Thermax over the last 13 years during its transformative and difficult time in the industry."

On behalf of the family and the Board, Thermax would like to thank Unny for tirelessly and selflessly serving the organisation, upholding the culture and its values and successfully steering it into a purpose driven, value based global enterprise.

"I have long admired Thermax as India's foremost technology driven industrial company. I thank Meher and the Thermax Board for giving me this opportunity. Unnikrish-



Mr. Ashish Bhandari

nan is an inspirational leader who has built a great team and has successfully delivered on all aspects over his significant career with Thermax. I look forward to leading the company through the next phase of its growth journey," says Ashish.

"Ashish has the right blend of international business experience, innovative spirit and a progressive vision that are essential to take Thermax to its next level of growth through technology and globalisation. I wish him great success in this journey," says Unny.

**About Thermax Limited:** Thermax Limited, a leading energy and environment solutions provider is one of the few companies in the world that offers integrated innovative solutions in the areas of heating, cooling, power, water and waste management, air pollution control and chemicals. Thermax has manufacturing facilities in India, Europe and South East Asia. The sustainable solutions Thermax develops for client companies are environment-friendly and enable efficient deployment of energy and water resources. For more information visit [www.thermaxglobal.com](http://www.thermaxglobal.com)

## Birla Carbon Awarded Fourth Consecutive Gold Rating by EcoVadis for Sustainable Practices

Birla Carbon has been awarded a Gold level rating for sustainable practices, for the fourth consecutive year by EcoVadis. Birla Carbon was recognized as an advanced practitioner of Sustainability. The rating was awarded after EcoVadis reviewed Birla Carbon's sustainability reporting standards and practices, based on Birla Carbon's seventh sustainability report, Evolving, Sustainably Together.

Joe Gaynor, Chief Legal, Sustainability and Risk Officer, Birla Carbon shared, "This is Birla Carbon's fourth consecutive Gold rating with EcoVadis. The continued success only shows that our strategy, engagement and exe-

cution towards becoming a sustainable organization is on the right track." He further added, "While we continue to pursue our vision to be the most respected, sustainable and dynamic global carbon black manufacturer, it is our Purpose – 'Share the Strength' that drives our engagement with our customers and our suppliers and motivates every employee at Birla Carbon to work towards building a sustainable carbon black business for the future."

With the gold ranking, Birla Carbon continues to occupy a strong position of being among the top companies in the sustainable practices space under the 'Manufac-



ture of other non-metallic mineral products' industry.

EcoVadis is a collaborative platform that provides supplier sustainability ratings for global supply chains. Since its founding in 2007, EcoVadis has become a partner to procurement organisations for more than 300 leading multinationals worldwide. Combining People, Process and Platform, EcoVadis has developed technology and a CSR assessment method which covers 190 purchasing categories, 150 countries and 21 CSR indicators. More than 55,000 companies use EcoVadis to reduce risks, drive innovation and foster transparency and trust between trading partners.

**About Birla Carbon:** Birla Carbon is a leading global supplier of carbon black. As one of the flagship busi-

nesses of the US\$ 48.3 billion Aditya Birla Group, Birla Carbon provides innovative sustainable carbon black solutions that enhance the performance of paints and coatings, inks and toners, plastics, adhesives, sealants, textile fibers, mechanical rubber goods and tires. The company's footprint extends across 12 countries with 16 manufacturing facilities and two state-of-the-art technology centers in Marietta (USA) and Taloja (India), providing industry leading innovation. It's Sustainable Operational Excellence (SOE) strategy focuses on employee safety, environmental stewardship, efficient use of carbon sources and operating in a socially and ethically responsible manner.

Visit: [www.birlacarbon.com](http://www.birlacarbon.com)

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## ABB India Strengthens its Presence in Traction Business and Oil Exploration, Wins Orders Worth INR 191 Crores

Company's Motion business to supply energy-efficient traction equipment and industrial drives worth INR 123 crores and INR 68 crores, respectively, for the two sectors.

Starting the year 2020 on a strong note, ABB India has won two significant orders to supply traction equipment for Chittaranjan Locomotive Works (CLW) – the manufacturing unit of the Indian Railways, and industrial drives to Megha Engineering & Infrastructures Limited (MEIL) in their oil drilling segment. Both these components will be produced at ABB's Nelamangala facility in Bengaluru, in line with its unwavering commitment to the 'Make in India' initiative. The facility includes one of the largest factories for locomotive applications and one of the four global shop-floors for medium voltage drives located in Southern India.

"ABB technology is always striving to drive sustainable and meaningful progress for the future. We feel privileged to continue contributing towards sustainable transportation with our best-in-class solutions for electrification of the Indian rail network," said Sanjeev Sharma, Managing Director, ABB India. "Our commitment to energy efficiency also reflects in our offerings for the energy sector.

ABB's industrial drives range has been designed to achieve superior energy efficiency and enhance productivity of drilling activities during exploration, thus reinforcing the nation's energy security journey."

ABB will supply industrial drives worth INR 68 crores to Megha Engineering & Infrastructures Limited (MEIL), an

infrastructure company which recently announced its venture into the oil drilling segment. The ABB ACS 880 industrial drives selected for the project offer an energy efficient means of motor control that will help to significantly cut carbon emissions. These drives also offer superior safety features as well as reliability to help maximize output across various applications. The series consists of single-drives, multi-drives and drive modules in a wide power and voltage range that will cater to the needs of 27 oil rigs of varying capacities across the country.

In addition to industrial drives, ABB India will also supply traction equipment worth INR 123 crores to Chittaranjan Locomotive Works, the manufacturing unit of the Indian Railways. The state-of-the-art traction converters will help improve rail operator's efficiency, thereby supporting sustainable transportation in India. ABB solutions have been improving energy efficiency of the Indian energy sector from natural gas to renewable energy. In 2019, ABB India won an order from the Indian Railways to supply traction converters worth INR 270 crores.

ABB (ABBN: SIX Swiss Ex) is a technology leader that is driving the digital transformation of industries. With a history of innovation spanning more than 130 years, ABB has four, customer-focused, globally leading businesses: Electrification, Industrial Automation, Motion, and Robotics & Discrete Automation, supported by the ABB Ability™ digital platform. ABB's Power Grids business will be divested to Hitachi in 2020. ABB operates in more than 100 countries with about 144,000 employees.

## Grauer and Weil (India) Ltd Display Impressive Products at Auto Expo 2020

Grauer and Weil (India) Ltd participated in Auto Expo 2020 Components scheduled from February 6 to 9 at Pragati Maidan in New Delhi. This was the 15<sup>th</sup> edition of the event themed 'Technovation-Discover Innovations for Future'.

Grauer and Weil (India) Ltd displayed a host of stellar products related to Surface Finishing and automotive industry during the expo. The focus of the company was to meet up and network with the various auto ancillary part manufacturers who were present at the event. Being a leading manufacturer and supplier of metal finishing chemical in India, Grauer and Weil has the expertise to supply and support the needs of such manufacturers who will in turn supply to OEMs.

Another important highlight of participating in the expo was to showcase an ace product from the company's repertoire. The Geomet coating – a product from the NOF metal Coating range – is a water-based zinc aluminium flake coating. It is an environmental-friendly product that is widely used in the auto and auto ancillary industry. Through the expo, Grauer and Weil aimed to inform the industry about the advantages of the NOF water-based, environmental-friendly technology. Geomet is free from hexavalent chromium and is a water-based technology widely used for protection against corrosion for fasteners, brake discs and many other items. Geomet base coat is available in different colours like silver and in different top coats like black, blue, green, etc, to provide desired COF value.

At this year's Auto Expo 2020, over 1,500 companies exhibited their products and solutions with 400 international exhibitors from 20 countries, which included dedicated pavilions of 7 countries. The event displayed latest technology and innovations in the spheres of BS-VI, and emissions, safety, e-mobility, startups among others.

Grauer and Weil has come up with several innovations in recent times in coatings, especially for the auto industry. Usually, many auto parts like shock absorbers require thick chrome coatings in their manufacturing processes. Traditionally, these are done using hex chrome electrolytes. Grauer and Weil has developed a feasible thick chrome plating technology using trivalent chrome electrolyte.

Other products from the company include corrosion resistant trivalent chrome passivates replacing hex chrome-based passivation for Zinc, Zinc alloys and Aluminium



substrate, ROHS compliant electro less nickel plating, corrosion resistant cyanides and toxic elements free zinc and its alloy plating process, phosphate free pre-treatment process before painting which ensures desired adhesion requirements and NPEO-free biodegradable cleaning technology. Another product is the Zn Ni alloy plating which is for mild steel sheet to offer better corrosion resistance at much lower thickness to replace galvanization and galvanneal coatings. This is useful for fuel tank manufacturers.

Grauer & Weil (India) Ltd are pioneers and market leaders in the field of Electroplating Chemicals and Engineering Plants in the Metal Finishing Industry. With a rich legacy of almost six decades, the company is a formidable force that offers a diverse product blend including anodising, phosphating, pre-treatment and topcoats, engineering plants, effluent treatment and waste recovery systems, industrial lubricants, high performance protective paints and coatings for the automotive and marine industry. It is now a One Stop Solution Provider for protection of all types of substrates across various industrial segments.

Speaking about the expo, Mr. Krishna Bhandari, Vice President - Grauer & Weil (India) Limited, said "The Auto Expo is an impressive platform where various stakeholders from the auto and auto ancillary industry meet to exchange knowledge and create networking opportunities. The best advantage of proper coatings is reduced maintenance and hence this topic requires major awareness, which is why such platforms are extremely effective. We are happy with the response our stall received and we could also meet many other experts from the industry to share opinions and knowledge."



## ADVIK Group Showcases Full Product Electric Vehicle (EV) Suite at Auto Expo Component 2020

· **Electric Vehicle Component Suite includes Battery, Battery Management System (BMS), Motor and Motor Controller along with Brake System.**

· **Latest offering of Variable Displacement Oil Pump developed through its partnership with SHW Automotive, Germany.**

· **Also on display, the BS6 product line up: Throttle Body, Electric Purge Valve, Electric Secondary Air Injection, Oxygen Sensor, Fuel Delivery Module, Electric Fuel Pump, including new development for Electric Vacuum Pump and Electric Water Pump.**

ADVIK Hi-Tech, the leading global automotive component manufacturer today showcased its latest range of products at the Auto Expo for Components that started on 6<sup>th</sup> February at Pragati Maidan, Delhi.

The company displayed its full-product Electric Vehicle Component suite that includes Battery, Battery Management System (BMS), Motor and Motor Controller along with Brake System.

Speaking on the occasion, Mr. Aditya Bhartia, Managing Director, ADVIK Group of Companies, said, “Technological innovations and stringent emission regulations have led Electric vehicles to acquire center stage in the global automotive industry. As traditional fossil-fueled OEMs increasingly move towards manufacturing EVs, the competitive advantage will shift to the field of battery packs. Our product line up is well positioned to help our customers stay ahead in the growing EV ecosystem and underscores our commitment to developing best-in-class clean mobility solutions.”

From 2021, phased in from 2020, the EU will introduce the world’s most stringent vehicle emissions regulations, limiting each automaker’s fleet-wide average CO<sub>2</sub> emissions by around 27%, from 130 g CO<sub>2</sub>/km to 95 g CO<sub>2</sub>/km.

ADVIK Group also showcased their latest offering of Variable Displacement Oil Pump developed through its partnership with SHW Automotive, Germany.

The Variable Displacement Oil Pump controls the oil pressure and volume depending on the engine’s operating

conditions of temperature, load, and speed. This helps to prevent excess oil flow, and reduces the parasitic load on the engine crankshaft, thereby increasing fuel efficiency by 3-6%. By regulating the oil flow, the pump is also able to optimize heat transfer in the head and pistons to deliver more power to the engine and reduce the formation of carbon deposits on turbocharged motors.

As OEMs increasingly explore improvements in the engine system to reduce emissions, the Variable Displacement Oil Pump is expected to form a critical component of this value chain.

As India leapfrogs from BS-IV to BS-VI, the company showcased their latest lineup of the BS6 product line including Throttle Body, Electric Purge Valve, Electric Secondary Air Injection, Oxygen Sensor, Fuel Delivery Module, Electric Fuel Pump and new development for Electric Vacuum Pump and Electric Water Pump.

ADVIK Hi-Tech is already the world leader in the manufacturing of oil pumps in the 2-wheeler segment along with tensioners and CBS - Combined Braking System.

### About ADVIK Group of Companies

ADVIK Group of Companies, headquartered in Pune; is a leading global manufacturer of Automotive Components. With annual sales touching 100 million USD, the group offers an extensive portfolio of products like Lifter Tensioner Assemblies, Oil Pumps, Fuel Cocks, Decompression Units, Water Pumps, Drum Gear Shifter, Starter Gear Reduction, and Combined Braking System and full product Electric Vehicle suite. The Group is already the world leader in the manufacture of oil pumps in the 2-wheeler segment now making the way for 4-wheeler segment along with tensioners and CBS - Combined Braking System. The Group has acquired worldwide presence by servicing reputed global OEMs like Bajaj, Honda, Yamaha, Suzuki, Kawasaki, Hero, TVS, Royal Enfield, Harley Davidson, Ducati, Triumph, KTM and Mahindra and are Tier II suppliers to Mercedes, Mercedes AMG, Porsche, Fiat Chrysler, Nissan, GM, Tata Motors, Ford, Hyundai, MAN, DAF, Iveco and Renault. For further information please visit: [www.advik.co.in](http://www.advik.co.in)

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## Birla Carbon and GranBio Technologies Introduce Breakthrough Innovation in Nanocellulose Dispersion Composite (NDC™) Masterbatch

*For Tire and Technical Rubber Goods Applications*

- Birla Carbon, and development partner GranBio Technologies announce the introduction of a nanocellulose dispersion composite (NDC™) rubber masterbatch.
- The NDC™ masterbatch provides optimal dispersion in rubber formulations to improve physical performance and increase sustainable material content.
- Visit the Birla Carbon Booth - C 505 at Tire Technology 2020, for more information.

Birla Carbon and GranBio Technologies announce the introduction of their patent-pending NDC™ rubber masterbatch for qualification by tire and rubber companies. The breakthrough in NDC™ masterbatch is the result of a three-year Joint Development Program between the two companies designed to address growing sustainability demands from the tire industry both in terms of improving tire rolling resistance and vehicle fuel economy through enabling the incorporation of sustainable, bio-derived nanocellulose into commercial rubber compounds.

The utilization of nanocellulose in rubber goods and tires has been an active area of research and development throughout industry and academia over the past several years. However, effective dispersion of hydrophilic nanocellulose into hydrophobic rubber formulations has been a persistent problem that has previously hindered widespread uptake by the rubber industry.

Sharing his thoughts on the announcement, Dale Clark, Chief Technology Officer, Birla Carbon said, "At Birla Carbon, we focus on the market trends and work closely with our customers to understand where they need help delivering value. A key product innovation goal of our tire customers is to increase the amount of renewable raw materials in their tires through product innovation." He further added, "The NDC™ masterbatch enables delivery of this goal while maintaining or improving tire properties and performance."

"This is a significant milestone in GranBio's commercialization of its breakthrough BioPlus® nanocellulose technology. GranBio Technologies is committed to bringing renewable technologies to market to improve sustainability while providing improved product functionality for our customers. We are proud to be partnering with Birla

Carbon to bring this solution to market and look forward to seeing the first commercial products literally on the road," shared Kenneth Hill, Chief Commercial Officer, GranBio Technologies.

The NDC™ masterbatch overcomes traditional dispersion challenges by combining several synergistic innovations developed by our team members including GranBio's patented hydrophobic form of nanocellulose. The breakthrough in nanocellulose technology for rubber compounds provides many advantages and benefits for the rubber compounder including easy dispersing, convenient, dust-free handling and integration into formulations along with increased use of renewable raw materials and improvements in fuel economy.

### **About Birla Carbon**

Birla Carbon is a leading global supplier of carbon black. As one of the flagship businesses of the US\$ 48.3 billion Aditya Birla Group, Birla Carbon provides innovative sustainable carbon black solutions that enhance the performance of paints and coatings, inks and toners, plastics, adhesives, sealants, textile fibers, mechanical rubber goods and tires. The company's footprint extends across 12 countries with 16 manufacturing facilities and two state-of-the-art technology centers in Marietta (USA) and Taloja (India), providing industry leading innovation. Visit: [www.birlacarbon.com](http://www.birlacarbon.com)

### **About GranBio Technologies**

GranBio Technologies is a subsidiary of GranBio Investimentos S.A. (São Paulo, Brazil), an industrial biotechnology company focused on commercial deployment of technologies for the production of biofuels, biochemicals, and advanced renewable materials, including nanocellulose. Nanocellulose is a versatile high-strength, lightweight renewable biomaterial that Thomson Reuters named as one of the top 10 technologies that will change the world by 2025.

GranBio produces a variety of BioPlus nanocellulose products, including cellulose nanofibrils, cellulose nanocrystals, and hydrophobic lignin-coated versions at their Thomaston Biorefinery in Georgia.

Visit: [www.granbio.com](http://www.granbio.com)



## LANXESS India Showcases Widest Range of Leather Applications at the India International Leather Fair (IILF) 2020

- Broad range of leather chemicals
- Products for a diverse array of quality requirements
- Innovative tanning and retanning technologies
- Specialties for leather for the automotive industry



India's most definitive trade fair for the Leather sector, the India International Leather Fair (IILF) 2020, opened on the 1st of February 2020 at Chennai, where the Indian arm of the global specialty Chemicals major LANXESS India, showcased its comprehensive product range and application in leather. The extensive portfolio for manufacturing leather for shoes, clothing, furniture, and the automotive industry, comprises mineral and synthetic tanning agents, preservatives, retanning agents, and fat liquoring agents. The range also includes dyes and numerous finishing products.

In addition to leather goods such as shoes, bags, and items of clothing displayed to demonstrate the versatility of leather in terms of its application and processing, LANXESS has presented a number of innovative products and system solutions for the various stages of leather production.

### New for beamhouse operations

LANXESS technology increases the efficiency of beamhouse operations processes and makes it possible to reduce basic chemicals and the pollution of the wastewater. "Thanks to our process based on Peltec C and Blanacorol HP which has been specially developed for India we can significantly reduce the amount of total dissolved solids and achieve high-quality leather at the same time," says Dr. Thomas Brackemeyer, who is responsible for the global organic leather chemicals business in the LANXESS Leather business unit.



Peltec X-Zyme SN, a newly developed soaking enzyme, can improve the COD (chemical oxygen demand) value considerably. Because this product does not exhibit any proteolytic activity, it does not affect the collagen itself and is thus also safe to use in a longer soaking process. Peltec UEP is a special liming enzyme that supports unhairing by loosening the hair roots and cleans the grain. As a result, less sulfide can be used in the liming process.

### Retanning at the highest level

A new brochure that also contains information about recent developments including Tanigan UW, Tanigan 3LF liquid, and Tanigan FT has been created to provide information about the latest "made in Germany" syntans. Leather goods that are manufactured using these LANXESS syntans are typically characterized by excellent heat resistance, high light fastness, and good fullness. These products possess a high tanning effect combined with low monomer and salt levels. As a result, they exhibit very low TDS (total dissolved solids) potential

A patent application has been submitted for Tangian HS, which is a light and heat-resistant, synthetic replacement tanning agent for the tanning and retanning of very full, soft, and almost white leather with a smooth grain. Due to its high tanning effect, this product is ideal for chromium-free and organic tanning systems such as the X-Tan process technology.

The new synthetic product Tanigan PM disperses and accelerates the penetration of retanning agents, vegetable tannins and dyes, leading to improved filling and tightness as well as leather with a more uniform color.

Levotan AM is a new amphoteric retanning agent that reduces dye consumption and increases the fixation of

## Company *News*

other additives, thereby reducing chemical oxygen demand by approximately 40 to 50 percent. This product can replace a conventional retanning acrylate and is ideal for all leather articles including demanding items such as leather for the automotive industry and waterproof applications.

Levotan WS is a new, innovative, full polymer-based waterproofing agent. This microemulsion ensures high-performance waterproofing. It can be used together with the Levotan WRP and Levotan XB polymers.

With the Baygenal AC range, LANXESS is offering a new and compact selection of dyes that perfectly complements the existing LANXESS core color palette. This enables the maximum number of colors with the least amount of products.

### **Finishing as a system**

LANXESS offers water based Aquaderm X-Pigments and dyes from the Levaderm range for leather finishing. All types of waxes and oils from the brand Euderm are ideal to manufacture fashionable shoes and leather goods such as bags.

Among the specialties for manufacturing leather for the automotive industry is Aquaderm XL 1010, one of the latest innovations from LANXESS in the field of polyisocyanate crosslinkers. In addition to its exceptionally good physical properties, this product enables further reductions in volatile organic compounds (VOC) and odor,

which is especially important in automotive applications. Aquaderm XL 1010 itself is virtually VOC-free and odorless.

Primal Fleshcoat AR-2 Emulsion allows further reductions in emissions, thereby bringing volatile compounds down to a minimum. This makes it possible to significantly reduce any unwanted formaldehyde and acetaldehyde emissions escape from the leather.

Very low-solvent finishing systems call for highly effective active ingredients to ensure the best possible flow of chemicals on the leather. Aquaderm Fluid E is a new addition to the LANXESS range of flow control agents. It has a high leveling effect and gives the leather exceptional physical character. Aquaderm Additive XF is a highly concentrated, BTEX-free, high-performance silicone emulsion that meets the toughest standards for the mechanical properties of leather such as abrasion resistance.

LANXESS is a leading specialty chemicals company with sales of EUR 7.2 billion in 2018. The company currently has about 15,500 employees in 33 countries and is represented at 57 production sites worldwide. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives, specialty chemicals and plastics. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

Visit: [www.lanxess.in](http://www.lanxess.in)

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# Bulk Material Handling Systems Product Range



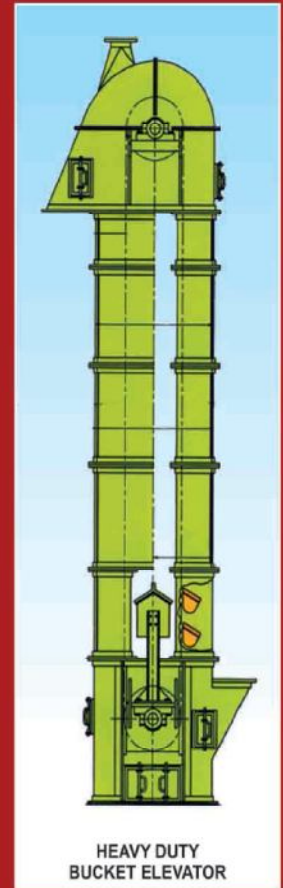
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PIPE CONVEYORS



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HEAVY DUTY  
BUCKET ELEVATOR



VERTICAL SHAFT IMPACTOR



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