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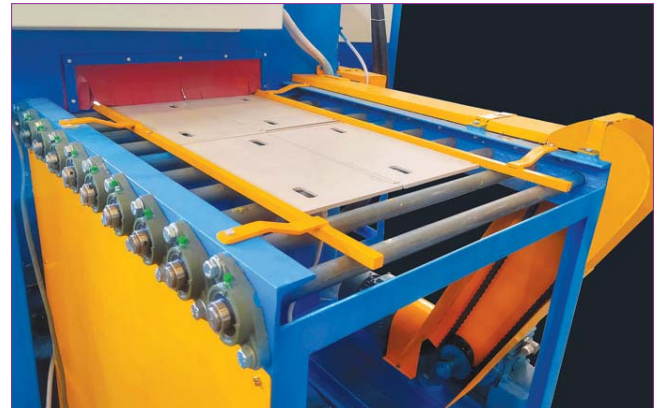
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Cartridge Type Dust Collector



Job Unloading Station after Blasting

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Thermo-Tech Services offers Mica Band Heaters, which are using Mica sheet as electrical insulation are more efficient and economical compared to other types. Features: Mica is good conductor of heat as compared to ceramics. Hence heat transfer is faster; As insulation thickness is less, heating and cooling down takes less time; These heaters can be adopted for any shape like plate, rectangle or other complex shape; Best for moulds and dies; Most suitable as Nozzle Heater; Suitable for temperature up to 450°C. The Company also manufactures Ceramic Band Heaters, Coil Heaters, Cartridge Heaters, Insulation Jackets, Thermocouple K and J Type, etc.



Contact:

Thermo-Tech Services
129 Vora Industrial Estate No: 4, Navghar
Vasai Road East, Dist: Palghar, Maharashtra 401 210
Mob: 70661 10066/70213 31514
E-mail: thermojacket@yahoo.com



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Commercial Gauges



Industrial Gauges



Low Pressure Capsule Gauges



Economical Gauges



Chemical Sealed Gauges



Compact Sealed Gauges



Gauge Saver



Triclover Sealed Gauges



Homogenizer Gauges



Mud Gauges



Bi-Metallic Temperature Gauges



Comparison Tester



Comparison Tester



Needle Valves

**Manufacturers of Pressure Gauges, Temperature Gauges,
Testing Equipments & Accessories**

ARBUDA INSTRUMENTS

Office : E-11/1, G.I.D.C., Sector-26, Gandhinagar - 382 026 (Gujarat)
Telefax: 079 - 2328 7990 • Mob: 090337 11390 / 093282 97128
E-mail: arbudainst@yahoo.com • Website: www.arbudainstruments.com
Mumbai Office : 23/25, Maruti Mandir Marg, Mumbai - 400 004
Tel.: 022 - 2382 4101, 6636 2754



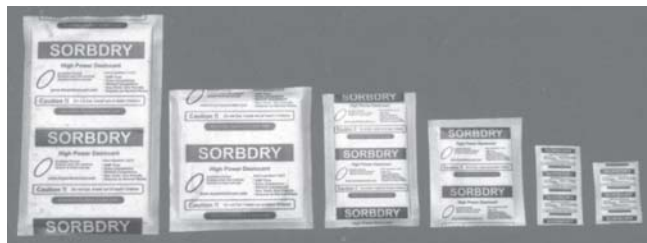
SMERA RATINGS LIMITED



Syphons

High Power Desiccant

Dry Air Technologies, an ISO 9001: 2008 Certified Company offers High Power Desiccant Sorbdry, which prevent Export Packaging from Humidity problems. It protects



goods from costly damage by adsorbing excess moisture during shipping and storage. Desiccants are used to absorb moisture from the packaging and to keep the goods free from moisture damages. Its Advantages are: Offer a low-profile, compact shape; Are durable and virtually puncture proof; Provide high permeability; Are non-dusting, lint-free, No spills; are available in a wide variety of sizes and sorbent formulations. Sorbdry effectively protects: Machinery, Electronics, Automotive Components, Consumer goods, Agricultural products, Textiles and leather, Wood and paper products, Plastics, glass and metals, Wooden handicrafts and pallets, Coir products and mats, and all types of hygroscopic products.

Contact:

Dry Air Technologies

2/46 West Street, Silamalai, Bodinayakanur

Dist: Theni, Tamil Nadu 625 528

☎ 04546 – 293 336 • Mob: 93631 11096, 99436 91024

E-mail: office@dryairdesiccant.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. Screening can be provided if desired. The cables conform to standard specifications like IS 1554 (Pt-1), IEC 502, BS 6436/87. Configuration: Single core up to 1000 sq mm, multi-core up to 400 sq mm x 3-1/2 cores; Construction: Conductor is aluminium/copper, solid/stranded circular/compacted/sector shaped. Insulation is PVC; Mechanical protection: Galvanized steel wire/strips/double helical steel tape; aluminium wire amounting for single core cable; Inner and outer sheath – PVC black/grey or as per requirement.



Contact:

Empire Cable Industries (P) Ltd

Plot No: 115, Phase-II

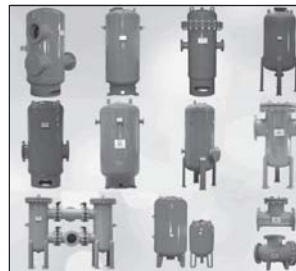
Badli Industrial Area, Delhi 110 042

☎ 011 – 2387 4632 • Fax: 011 – 2386 1610

E-mail: empirecables@yahoo.co.in

Storage Tanks & Vessels

Precision Storage Vessels Pvt Ltd is a highly specialized storage tanks manufacturer concentrating in Hot Water Storage Tanks, Electric Hot Water Heaters, Copper Lined Calorifiers, Indirect Heated Water Heaters, Oil or Gas Fired Stand-Alone Water Heaters, Compressed Air Tanks, Air Receivers, Diesel Tanks, Feed Water Tanks, Air Separators, LPG Tanks, Blow Down Vessels, Chilled Water Buffer Tanks, Air and Dirt Separators, Suction Diffusers, Basket Strainers, Tee Strainers, Inline Air Separators, Steam Boilers, Surge Vessels, Compressed Type Expansion Tanks, Plate Heat Exchangers, etc. and other products in pressure vessels category. The Company's mission is to satisfy customers by providing the highest quality pressure vessels, satisfying all regulatory standards legal requirements and individual requirements by providing long lasting products at very competitive rates. It is capable of meeting any design standards or custom designs; and provides expert technical advice in selection of the right type of tank, right type of linings, working pressure, supports etc. Tanks are manufactured as per ASME Boiler and Pressure Vessel Code BS853 or BS5500 or 97/23/EEC as per pressure equipment directive. Precision Storage can manufacture tanks of any size with different connections, orientation to suit the customer requirements.



Contact:

Precision Storage Vessels Pvt Ltd

Kalpadi (PO), Via Vellichanthai, Near Vellimalai

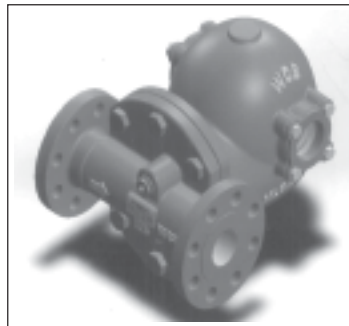
Kanyakumari Dist, Tamil Nadu 629 204

Mob: 073737 99769, 88702 20584

E-mail: manuel@psvpl.com

Ball Float Steam Trap

Steamlok Engineering Pvt Ltd offers SLFT 25 which is a uniquely designed float trap in Cast Steel (WCB) with dual sight glass and inbuilt filter. Its unique features: Sight glass as standard feature; In-built filter for additional safety of valve assembly; and Functional test – 100% on seam. Size: 40 NB, 50 NB. Pipe connections – Screwed: BSP, BSPT, NPT; Socket Weld; Flanged: ASA 150, ASA 300. Max Allowable Pressure: 51 bar (g); Max Allowable Temperature: 425°C; Max Operating Pressure: 32 bar (g); Max Operating temperature: 410°C.



Contact:

Steamlok Engineering Pvt Ltd

Plot No: C-27, Phase 1, MIDC Chakan

Tal: Khed, Pune, Maharashtra 410 501

Mob: 8007017280 • E-mail: sales@steamlokengineering.com

uPVC Pipes & Fittings

Sudhakar manufactures uPVC pipes and fittings. uPVC Pipes for Solvent Cement Jointing and Elastomeric Rubber Ring Jointing are manufactured in accordance with Bureau of Indian Standards specifications IS: 4985 with latest amendments and other international standards of DIN, BS, ASTM. The Company produces uPVC Pipes in the range of 16 mm to 400 mm diameters in different working pressures (2.5, 4, 6, 8, 10 and 12.5 kgF/sq-cm). uPVC Plumbing Pipes: uPVC plain end pipe for plumbing application in buildings from 20 mm to 50 mm conforming to IS: 4985 with latest amendments. PVC Fittings: Suitable Injection Moulded Fittings like Coupler, Tee, Elbow, and Reducer, Endcap, MTA, FTA, etc. from 20 mm to 200 mm in PN6 pressure classes are available. Fabricated fittings like Coupler, Long Bends are available in all Pressure Classes from 20 mm to 400 mm. Applications: Portable water supplies – irrigation systems – Cable ducting in IT, Telecom Sector, Complexes – Chemical and Pharma industries, industrial usage, Water Treatment Plants.



Contact:

Sudhakar Marketing Agencies Pvt Ltd
301 Ramachander House, B/h: Khan Latif Khan Estate
Chapel Road, Hyderabad, Telangana 500 001
Mob: 97058 07551, 97058 07553
E-mail: info@sudhakarind.com

Level Leaf Filter

Sharplex Filters (India) Pvt Ltd offers a wide range of Level Leaf Filters. Sharplex level leaf filters are used for polishing filtration in the post filtration stage to trap the fine particles from the filtrate of the main filter; the filter elements have filter surfaces on both sides, and hence this filter becomes very compact even at higher filtration areas; the filter medium can be cloth or paper. The filters are available from 2 m² up to 15 m². Due to the best quality and best services offered, the company has been able to create a strong brand name as SHARPLEX in the process industries.



Contact:

Sharplex Filters (India) Pvt Ltd
R-664, TTC Industrial Area, MIDC Industrial Area
Rabale, Navi Mumbai, Maharashtra 400 701
Mob: 91369 21232 • E-mail: sales@sharplexfilters.com

Solar Inverter

Evergreen Solar Systems India Pvt Ltd offers a wide range of Commercial Solar Inverters, and has gained expertise in the domain of manufacture, supply, and export of commercial solar inverters that have premium quality. Features: designed to be used for decades; these solar inverters give trouble free performance and operate through the power of the sun's energy; are portable, light weight and have good configurations. The company does not compromise on quality. Keeping this in mind, these products undergo rigorous quality testing. Their features include: outstanding functionality; development by experts; use of solar energy available in 10 kW and 20 kW. The company is engaged in manufacturing, supplying, and exporting solar energy products such as solar UPS systems, solar lights, solar inverters, solar power plants, on-line solar UPS, and many others.



Contact:

Evergreen Solar Systems India Pvt Ltd
Sulochana Mills Campus, Mettupalayam Road, Vadamadurai
Coimbatore, Tamil Nadu 641 017
☎ 0422 – 2642 564 • E-mail: info@evergreensolar.in

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- DIGITAL PRESSURE GAUGES
- BAROMETER
- VACCUM MANOMETER
- PRESSURE SWITCHES

FLOW

- GLASS TUBE / ACRYLIC ROTAMETERS
- METAL TUBE ROTAMETER WITH TRANSMITTER / FLOW INDICATOR TOTALIZER
- BY-PASS ROTAMETER
- ELECTROMAGNETIC FLOWMETER
- FLOW SWITCHES
- AIR VELOCITY KIT

LEVEL

- LIQUID LEVEL INDICATORS
- LIQUID LEVEL TRANSMITTER
- LIQUID LEVEL SWITCHES (FLOAT OPERATED)
- CONDUCTIVITY LEVEL SWITCHES
- CAPACITANCE TYPE LEVEL TRANSMITTERS

FITZER
INSTRUMENTS
COMPANY (INDIA)

® Regd. Correspondence Address:
 Atali, Near Ambivali Stn. (W), P.O. Mohone, Tal. Kalyan, Dist. Thane-421 102
 Mobile: 8691816354 / 8691816355 / 8691816356 / 9426470248
 E-mail: fitzerindia@hotmail.com / fitzergujarat@rediffmail.com

Dealership Enquiries Solicited
Website: www.fitzerindia.com

Compression Tube Fittings

Trueway Engineering Industries, an ISO 9001: 2015 Certified Company manufactures Compression Tube Fittings, which are double Ferrule compression type joints compris-



ing precision engineered components as body, front ferrule, back ferrule and nut. They are used for achieving high Pressure Leak proof joints of Metal Tubing by swaging of Ferrules using wrench or spanners, without welding. They are available in various sizes with complete range as Connectors, Elbows, Tees, Adaptors, Cross, etc. Trueway Engineering's products can be manufactured and supplied in a wide range of raw material grades as Carbon Steel, Stainless Steel, Alloy Steel, Brass, PTFE, High Nickel Alloys as Monel, Inconel, Hastelloy, Duplex/Super Duplex SS, etc. The Company's products are successfully performing at various industries such as Chemicals, Petrochemicals, Polymers, Fertilizers, Power, Steel, Pharmaceutical Plants, And On-Shore/Off-Shore Oil and Gas Fields, etc. The products range includes: Instrument Valves, Valve Manifolds, Instrument Pipe Fittings, Instrument Air Headers/Air Manifolds, Instrument Tubes and Pipes, Needle Valves, Ball Valves, Check Valves/Non-Return Valves, Quick Release Couplings, etc.

Contact:

Trueway Engineering Industries
TRUEWAY House, Plot No: 535/14-15
Sonawala Cross Road No: 2, Nr M K Indl Estate
Goregaon (East), Mumbai 400 063
Mob: 90041 46034, 93217 56216
E-mail: truewayengg@gmail.com

Cryogenic Gloves

Mallcom India Ltd offers a wide range of Cryogenic Gloves.

The features are: shoulder length cryogenic gloves are generally used along with a cryogenic apron while working with cryogenic liquids. 100% polyamide cryo glove; its lightweight design makes the glove comfortable. The design imparts excellent dexterity. The glove design imparts superb dexterity. The company is India's leading personal protective equipment (PPE) brand with a global footprint. Presence in more than 50 countries across 6 continents, they are a valued partner for major organisations and importers.



Contact:

Mallcom India Ltd
EN-12, Sector-V, Salt Lake, Kolkata 700 091
Mob: 91471 57136 • E-mail: sales@mallcom.in

Flange Mounted Clutches

Sytco Engineers offers Flange Mounted Clutches. Features – Torque: 1 Nm to 2550 Nm; Coil Operating Voltages: 24/96/190 DC. These types of clutches are best suited for the transmission of motion from drive to the driven load. These clutches are single plate, dry operational and easy to mount. Applications: Textile machinery; Material handling equipment; Packaging machines; Special Purpose machines; Stone Polishing machines; Automatic gates, etc. .



Contact:

Sytco Engineers
A-30 & 37, MIDC, Latur, Maharashtra 413 512
☎ 02382 – 221 066, 224 866 • Mob: 86000 25087
E-mail: sales@sytcobrakes.com

Chemical Process Pump PCPS - Series

Chemical process pump is an important device for handling of hazardous chemicals in industries. Whether conveyance or use in chemical reactions, chemical products need to be handled efficiently

and with care in order to avoid any kind of damage or corrosion occurring at the working place. Chemical process pumps of PPI Pumps Pvt Ltd are the absolute solutions for handling of corrosive or hazardous chemicals in pharmaceutical,



chemical and process industries. Available in 1 m³/hr to 100 m³/hr capacities, these are high performance ISO pumps which are compatible for work with different kinds of corrosive liquids. These pumps are available with different kinds of sealing solutions including single mechanical seal for non-corrosive to moderate corrosive liquids; double mechanical seal to handle low flows of abrasive chemicals; bellows seal for handling highly corrosive liquids at extreme temperatures; and cartridge seal for ease of maintenance while handling moderate corrosive liquids. High performance with minimum maintenance and less energy consumption is what PPI chemical process pumps are designed to provide for a much longer period of time for efficiency in industrial processes.

Contact:

PPI Pumps Pvt Ltd
14&16-C, Phase-I, GIDC Estate, Vatva
Ahmedabad, Gujarat 382 445
☎ 079 – 2583 2274 /3251 6741
Fax: 079 – 2583 0578 • Mob: 99040 67775
E-mail: sales@ppipumps.com

Electrical Control Panels

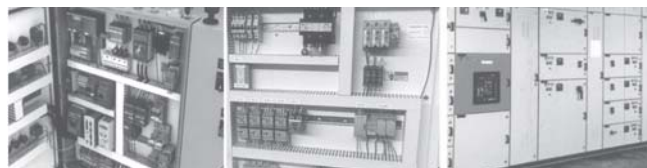
Tech Centric has extensive expertise in manufacturing and supplying a wide range of electrical and instrument control panels, which are known for its reliable approach, efficiency, excellence and thus, are utilized by industries such as Chemical, Textile, Petrochemical, Pharmaceuticals, Heavy Metal, Food and Beverages, and Water Treatment,



Shopping Malls and Plaza, Oil and Refineries, Iron, Sugar, Cement and Steel, Pump Houses, and Sewage Plant. The products range: Power Distribution Board (PDB Panel),



Power Control Centre (PCC Panel), Motor Control Centre (MCC Panel), High Tension Panel (HT Panel), Low Tension Panel (LT Panel), Automatic Power Factor Control Panel (APFC Panel), Auto Main Failure (AMF Panel), DG Synchronization Panel, Sub Distribution Panel/Boards, AC Drive Panel, Fire Alarm Control Panel, PCC Extension Panel, Air Circuit Breaker (ACB Panel), Programmable Logic Controller (PLC Automation Panel), SCADA Systems, Soft Starter, VFD Panels, Outdoor Feeder Pillars, Load Sharing Panels, Control Desk, Busbar Trunking Panel, Lighting Control Panel, Relay Control Panel, Draw out Panel and Customized Control Panel products.



Contact:
Tech Centric
Plot No: 154, Sec-05, Ghansoli, Navi Mumbai 400 701
Mob: 98923 10186, 98923 14986
E-mail: info@techcentricindustries.com

Screw Compressors

Kaishan launched AP Series Screw Compressors, the most economic compressed air solution by the Company. These compressors providing compressed air system with high reliability, easy maintenance and more economical application.

Contact:

Kaizen Air Solutions

No: 13, Jothi Nagar, 5th Street, Kamarajar Road
Varadharajapuram, Coimbatore, Tamil Nadu 641 015
Mob: 98943 18260 • E-mail: kaizenairsolutions@gmail.com

Chemical Sealed Diaphragm Gauge, Model KMD

Kains Chemical Sealed Gauges are manufactured to meet the requirement of various industrial process measuring applications. Model KMD is widely used in industries like:

Chemical, Petrochemical, Pharmaceutical manufacturing, Food Processing; Milk Dairies, Water Treatment Systems, ETPs, STPs etc. Specifications: Available nominal sizes: 100 mm (4") and 150 mm (6"); Thread: 1/4" /3/8"/1/2": BSPP/BSPT/NPT /Metric; Diaphragm material: SS 316L/Hastelloy/Monel/Tantalum; Bottom chamber: SS 316L/Hastelloy/Monel/Tantalum; Upper chamber: SS 316L/Hastelloy/Monel/Tantalum;



Sealed assembly: hermetically sealed; Corrosive protection: PTFE coating/Lining; Available in: Vacuum/Pressure/Compound; Vacuum: Up to -760 mm Hg/30" Hg; Minimum Pressure range: 0 to 1 bar/kg/cm²; Max Pressure range: 0 to 60 bar/kg/cm²; Diaphragm extension: By means of flexible SS Capillary with plain armored/Teflon shielded.

Contact:

Kains Instruments India Pvt Ltd

9-A, Jyothi Complex Road, Abbigere Main Road

Kommagondanahalli, Jalahalli West, Bengaluru 560 015

☎ 080 - 2345 7877, 2345 7887 • E-mail: kainsindia@gmail.com

	
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Filter Discs

Banaraswala Metal Crafts (P) Ltd supplies Filter Discs. Wire mesh is cut in round sizes to meet specific requirement of industries and used as filter discs. Two or more specification of wire mesh are clubbed together and used as sandwich mesh. Range: Commonly used diameters in Disc filters are 80 mm round, 150 mm round, 220 mm round. The sieves vary from 10 microns to 1000 microns as per application.



Contact:

Banaraswala Metal Crafts (P) Ltd
A-176, Pushp Industrial Park & Arcade, New Rajpur Mill
Compound, Rakhial Road, Ahmedabad, Gujarat 380 021
☎ 079 – 229 42234 • Mob: 93757 31324
E-mail: Ahmedabad@banaraswala.com

High Speed Heater Mixer

Marso Industries is known as reliable and efficient partner in plastic industry. The Company's products are highly efficient and renowned by customer after sales. Features of Marso's High Speed Heater Mixer: Perfect height to dia ratio of mixing container; Pneumaseal/Capsule technology; Energy efficient production with cross-contamination and free from moisture; Lowest compounding cost; Mixing tools self-cleaning, adjustable in height specific to the material being mixed; Compact system with the highest specific throughput; 6 to 8 batches/hour with automation; High efficiency even with higher calcium loading; Programmable logic control; Quick, easy dismantling and reassembling. The Company's products range includes: Cooler Mixer, High Speed Heater Cooler Mixer, High Speed Heater Cooler Mixer with Automated Compounding Plant, One Pack Weighing and Storage System with Screw Feeder, Small Bag/Jumbo Bag Dumping Station, Vacuum Conveying System, Aspiration System, Pressure Conveying System with Receiving Hopper, Screw Feeder and Vibro Siever, Storage Silos, Hopper Loader Vacuum Conveying System, Computerized Plant Automation System, etc.



Contact:

Marso Industries
Plot No: 90/17, Bon Foam India Compound, B/h: Bank of India
Phase-1, GIDC, Vatva, Ahmedabad, Gujarat 382 445
☎ 079 – 4891 1221 • Mob: 96876 17221
E-mail: info@marsomixer.com

Walk in Humidity Chamber

MACK Pharmatech offers Walk in Humidity Chamber. Its Features: Construction: Chamber interior is fabricated of stainless steel with dull finish and exterior is of stainless steel/GI Powder coated. The inner working chamber is water and vapour tight high-grade stainless steel. All seams are arc-welded and passivated for strength and durability. Modular type prefabricated metal sectional panels are lightweight for easy handling and also fit through standard doorways, easily transported and assembled /disassembled



for relocating the room. Full View Glass Door: Full door is of toughened glass with polysulphides to view the samples without disturbing the test conditions and human safety. Trays and Racks: Heavy duty solid stainless steel duly electro polished wire mesh type trays are provided which are easy to clean, time and effort saving, adjustable for convenience, along with detachable racks with adjustable angles. Trays: Heavy duty solid stainless steel duly electro polished wire mesh type trays are provided which are easy to clean, time and efforts saving, also adjustable for convenience. Scanner: Log data, Event data, Audit Trail data, E-Records and E-signatures, Graphical analysis and Data acquisition. Stand by Refrigeration and Humidity System, Two steam generators and two water reserve tanks are provided. In case of any system failure or breakdown the stand by system is switched over automatically without disturbing the test condition. Standard Features: CE Approved; PLC Control; Ethernet Connectivity; Door Access System; Full View Glass Door; 21CFR Software; Colour Touch Screen HMI; Master and Standby sensor; PLC based Safety Cut-Off; E-mail Alert; Audio Visual Alarm; and Documentation. Optional Features: GSM Technology; Hooter System; Extra Tray; Password protected or biometric door access system.

Contact:

MACK Pharmatech Pvt Ltd
B-48, Malegaon MIDC, Sinnar
Dist: Nashik, Maharashtra 422 113
☎ 02551 – 230 877 • Mob: 86259 48585
E-mail: info@mackpharmatech.com

Copper Fittings

Sunraj Industries supplies Copper Fittings such as Copper Tripod; Copper Tee; Copper Top Open and Copper Side Open, and Copper distributor. The Company also offers Fin Tubes, Aluminium Tubular Fittings, Brass Fittings, Brazing Rods, in Tubes, etc.

Contact:

Sunraj Industries
216-218 Veena Industrial Estate, LBS Marg
Vikhroli West, Mumbai 400 083
☎ 022 – 4038 7575, 2577 0075 • E-mail: mail@sunraj.com

Cable Assembly, Wiring Harness & Cable Connectors

Shreyaas Industries & Interconnect Technologies is an ISO 9001: 2015 Certified Company engaged in Wire and Cable Harness manufacturing Company. The Company's end-to-end Engineering to Production platform delivers Quality controlled and Quality Conscious Engineering and Mass production of Harnesses within the Committed Quality and Cost measures, manufacturing of Automotive, Industrial, Medical, and Home Appliances & Control Panel wiring harness telecommunication and Electronic and industry managed by professionally qualified Engineers. Their expertise includes: Industrial Wiring Harness, Coaxial Basic Terminations, Power Supply Harness, Ribbon Cables, Custom Video Cables, Antenna Cables, Ultrasonic Welding, Robotic and Flexible Harness, Coil Cord Assemblies, Electromechanical Wire Harness, Kitting and Labeling. Markets Served: Automotive Sector; Construction Equipment; Agricultural Sectors; Heavy Engineering; Telecommunication Sectors; Medical and Emergency Services; Robotics; Automation Panels; Sensors Assemblies; Solar Energy; and Food Processing.



Contact:

Shreyaas Industries & Interconnect Technologies
No: 49&50, Halehalli, Hebron, Enclave Road
Opp: to Adorno Bhavan, KR Puram
Thambu Chetty Palya Margondanahalli
Bengaluru, Karnataka 560 036
Mob: 97876 40814, 94839 80814
E-mail: shreyaas.sales@gmail.com

Liquid Ring Vacuum Pump PL 904 Series

PPI Pumps Pvt Ltd, an ISO 9001-2008 Certified Company offers Liquid Ring Vacuum Pump PL 904 Series. Its Suction capacity: 5000 to 22000 m³/h; Power Consumption: 110 kW to 600 kW; Maximum Vacuum: 700 mm of Hg (G). This pump is widely used in Pulp and Paper, Sugar Mill, Sugar Refinery, Power Plant and Process industries. The Company's products range includes: Two Stage Vacuum Pump, Close Couple Vacuum Pump, Twin Lobe Roots Blower, Single Cone Vacuum Pump, etc.

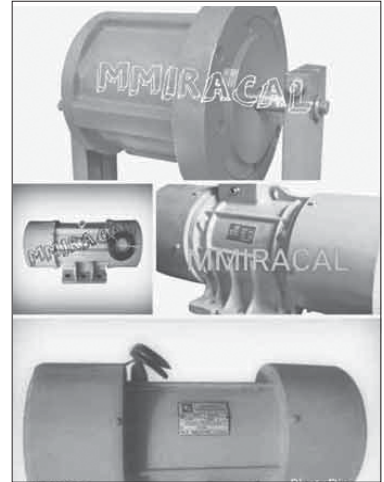


Contact:

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

Vibratory Motors - Three Phase

Anup Industries offers a wide range of Three Phase Vibratory Motors. The Company deals in the finest quality range of MMIRACAL three phase vibratory motors, known for their flawless design and optimum performance; and the client's needs are met skillfully and precisely. The company manufactures and supplies an optimum quality range of electric vibro motors, gear motors, single phase motors, flange motors, induction motors, textile auto head motors, brake motors, torque motors, motorized blowers, cooling tower motors, polisher motors, industrial grinders, coolant pumps, etc.



Contact:

Anup Industries
L-535/4, GIDC Estate, Opp: Minal Hotel
B/h: Chhotatal Chawl, Odhav, Ahmedabad, Gujarat 382 415
☎ 079 - 2297 6217 • Mob: 98253 10874
E-mail: anupind88@gmail.com, info@anupind.in

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 FOR JUICE AND SYRUP SULPHITATION**



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ACE GAS ANALYSERS PVT. LTD.



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

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Petrochemical Process Equipment & Industrial Machinery

Formosa Heavy Industries Corp of Taiwan supplies Petrochemical Process Equipment and Industrial Machinery.



Their workshops based in Jen-Wu and Mailiao have all obtained ASME S, U, U2 and R certificates. Having abundant work experiences and wide range work capacities in fabrication, welding, machining, as well as heavy equipment transportation/heavy lifting, FHI is recognized as the most outstanding manufacturer in Taiwan. Their Main Products: Reactors; Towers; Pressure Vessels; Heat Exchangers; Auxiliary Equipment for Power Plant; Equipment for Steel Mill; Transportation and Lifting for Heavy Equipment.

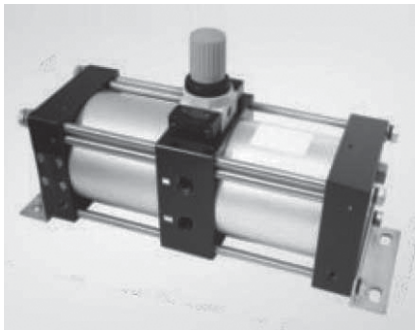


Contact:

Formosa Heavy Industries Corp
4F, 201-20, Tung-Hwa North Road, Taipei, Taiwan
☎ 886-2-27178148-50 • Fax: 886-2-27135519
E-mail: sales-fhi@fpc.com.tw

Air Booster

Vijay Air Control offers a wide range of Air Boosters - New generation FHBA Series. The features are: the FHBA Air Booster uses a single air control non-equilibrium gas distribution valve to achieve reciprocating motion for the pump; designed to solve the problem of low pressure of compressed air with the features of small size, long life, high stability, no electricity, and easy maintenance; available in boost ratios of 1:2 and 1:4, minimum air pressure: 2 to 8 bar; maximum air pressure: 16 bar (1:2) and 32 bar (1:4). Displacement volume per stroke: 942 cc (1:2) and 295 cc (1:4). The company has a large workplace where work is done and then put on the market in the form of products and services.



Contact:

Vijay Air Control
B-10, First Floor, Rajajinagar Industrial Estate
Rajajinagar, Bengaluru, Karnataka 560 044
☎ 080 - 2314 8871 • Mob: 89511 01436, 98806 52082
E-mail: saivacblr@vacpneumatic.co.in

HSS End Mills & Slot Drills

Birla Precision Technologies Limited offers HSS End mills and Slot Drills, which are available in a wide range of diameters and types suitable for various types of milling operations. Size Range: 3.00 mm – 71 mm: 1/8" – 2 1/2" Material: HSS-M2; Type: Parallel Shank, Taper Shank, Screwed Shank and Tapped end. End mills can also be supplied with intermediate diameters, different grades of HSS M35, M42 and surface coating TiN, TiAlN against specific requirements. The Company also offers Masonry Drills, HSS Square Tool Bits, Engineers Files, HSS Centre Drills, HSS Taper Shank Drills, HSS Jobber Twist Drills, HSS Cutting Tools, etc.

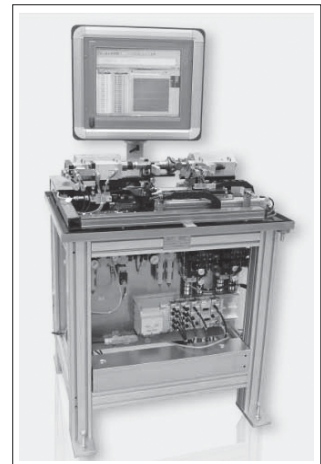


Contact:

Birla Precision Technologies Limited
B-15/4, MIDC, Aurangabad, Maharashtra 431 133
☎ 0240 - 255 4301, 255 4408
E-mail: info@birlaprecision.com

Shaft and Axle Measuring Machines

Blum-Novotest Measuring & Testing Technology Pvt Ltd offers Shaft and Axle Measuring Machines. The features are: the multipoint measuring machines for rotationally symmetric work pieces offer quick acquisition of component geometry during dynamic measurement; loading is possible manually as well as automatically. Its loading position is easy accessible from above, right on top of the final measuring position. Its features include: a post-process multipoint measuring system with an independent PLC; easy integration into an existing automation system; short, optimized feed motions; a flexibly configurable measuring unit using measuring forks or calipers with an intelligent universal clamping system; manual or automated loading and unloading; high availability due to reduced changeover time; additional changeover monitoring (Poka-Yoke principle); an automatic calibration device; also available as a measuring system for external control. The company has made a name for itself in the list of top suppliers of bore gauges and radio receivers in India.

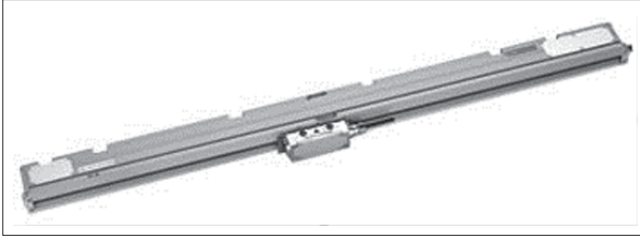


Contact:

Blum-Novotest Measuring & Testing Technology Pvt Ltd
No: 06 (Old No: 107) 2nd Floor, 1st Main Road
Widia Layout, Attiguppe, Bengaluru, Karnataka 560 040
☎ 080 - 2318 5468 • Mob: 90750 04435
E-mail: info@blumnovotestindia.in

Absolute Optical Scale for Large Machines, GVS 908

Givi Misure Pvt Ltd offers GVS 908 Absolute Optical Scale for Large Machines. Its features: Absolute optical scale, available in a single piece or in modular version for large



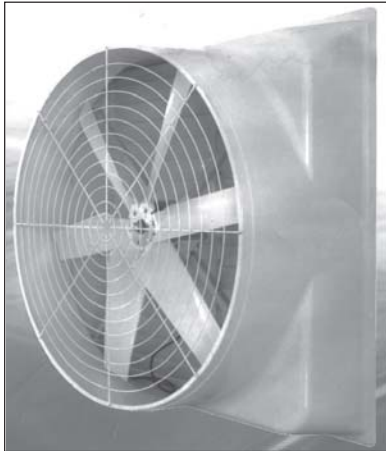
machines (up to 30040 mm of measuring length); Application in various industrial fields such as machine tools, vertical lathes, gantry machines, laser/plasma cutting machines, robotics, automation, etc; Stainless steel grating, integral with the machine guide, for an excellent accuracy at any temperature; Resolutions up to 0.1 μm , Accuracy grade $\pm 5 \mu\text{m}$. Serial interface SSI-BiSS C, (unidirectional), with or without 1 Vpp analog signal; Siemens Drive-CLiQ and FANUC a-ai, Direct reading of absolute measure.

Contact:

Givi Misure Pvt Ltd
VITC Export Bhavan, 1st Block, Plot No: 488
KIADB Complex, 14th Cross
IV Phase, Peenya Industrial Area
Bengaluru, Karnataka 560 058
☎ 080 – 4127 2559 • Mob: 99000 28662, 99000 28663
E-mail: info@givimisureindia.com

Glass Negative Pressure Air Blower

Humifogg Systems supplies energy saving ventilation system Glass Negative Pressure Air Blower. Features and applications: Consume less power, smooth running and longtime life; With sending wind and exhaust function, it is the best choose of a new type ventilation and decrease temperature; The shutter can move by manual operation or auto type in order to dust-proof and waterproof; Integrated molding excluding metal combination; Direct drive type design, low noise and large air volume.

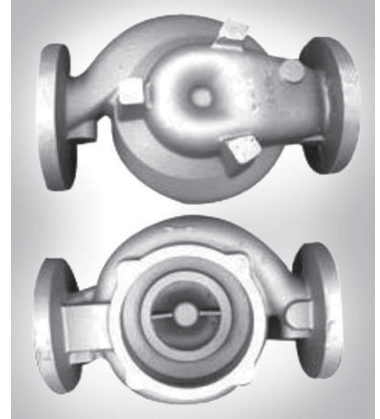


Contact:

Humifogg Systems
32 Indumanagar, Vilankuruchi Road, Nr: Cheranmanagar
Coimbatore, Tamil Nadu 641 035
☎ 0422 – 2512 2617 • Mob: 99430 59821, 98422 57593
E-mail: humifoggthiru@gmail.com

Pump Castings

Supercast Industries offers a wide range of Pump Castings in Aluminium. The features are: the aluminium pump castings are available in a superior quality range with high strength, rust resistance, ruggedness, and durability; they are checked for quality of various parameters as per industry norms; they are in high demand due to versatile applications and customisation facilities; and features include reliable operation, least maintenance, and simplicity of use. The company is a leading manufacturer of a wide range of ferrous and non-ferrous castings and cast components, with top class inputs procured from reliable vendors.



Contact:

Supercast Industries
A 103, Pawan Paradise, Vasant Nagari New Link Road
Opposite PMC Bank, Vasai East
Palghar, Maharashtra 401 208
Mob: 96650 94970, 93264 74970
E-mail: response@supercastind.com

Miniature Compression and Tension Load Cell



Several Models

Fast Delivery

Hundreds of Satisfied Users

Any Application

Best quality Stainless Steel load cells for special applications such as Space Constraint Areas, Robotics, R & D, Automobiles, Keyboard Testing, Piano, etc. Capacities 0.1kg ~ 20,000kg at Low price.

Contact:

Haris Sensor Technologies Private Limited

223, Shanti Industrial Estate, Sarojini Naidu Road,

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

Tel: 022-2567 2205 / 2567 2147 / 2081 2013

Mobile: +91-98200 84083

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

Barrel Pumps

C Bole & Co offers a wide range of barrel pumps like Hand operated, Motorized, Air operated, and Flameproof types. The pumps' MOC is SS 316, Polypropylene, MS, and Aluminium. The pumps can handle a variety of viscous and non-viscous liquids like Solvents, Alkalies, Pesticides, Gasoline, Fuel Oil, Inflammable corrosive liquids, Varnishes, Petroleum Products, Drugs and Pharmaceuticals and Degreasing Agents, Glucose, Honey, Glycerin, Shampoos, Paints and other highly viscous liquids. The company's other products include: Chemical Process Pumps in MOC: SS316/Polypropylene; Gear Pumps in Cast Iron/SS 316; Magnetic Pump in SS 316/Polypropylene.

Contact:

C Bole & Co

61 Narayan Dhuru Street, Mumbai 400 003

☎ 2342 4350 • Mob: 93200 99988

E-mail: cboleco@yahoo.com



Single Stage Horizontal Non-Clog Self Priming Mud/Sewage Pump

JEE Pumps (Guj) Pvt Ltd supplies Single Stage Horizontal Non-Clog Self Priming Mud/Sewage Pump. Its operating data: Capacity – up to 6400 m³/hr; Head: Up to 55 m; Suction Head: Up to 5 m; Discharge size: 40 mm to 200 mm; Solid Size: Up to 50 mm; Temperature: Up to 110°C; Speed: Up to 3500 rpm; Pressure: Up to 5.5 kg/cm²; MOC: CI, CS, SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hastelloy B and C, etc. Applications: Dewatering, mud, marine, effluent, hotel, loading and transfer of oils, spirits, gas oils, engine cooling, swimming poo-Is; Vessels, industrial pumping petroleum products, chemical; Civil construction – dewatering foundations, trenches and pits; Filter press feeding, ETP, STP, Waste water treatment plant; Mobile machinery – cooling water for marine engines and shovels; Public utilities – sewage pumping; Pier, excavations, pits, pot-holes, etc, gram panchayats, municipalities, public health departments, large housing colonies, industries like chemical, pharmaceuticals, food, cement, paper, sugar, salt, steel, etc.

Contact:

JEE Pumps (Guj) Pvt Ltd

Plot No: L-1&2, GIDC, Nr: Water Tank

Odhav, Ahmedabad, Gujarat 382 415

☎ 079 – 2297 0345, 2297 0346

E-mail: jeepumps@vsnl.net



Hygienic Piston Pump

HRS Hygienic Piston Pump is a unique development from HRS. This positive displacement pump ensures the safe processing of whole dice and leafy vegetables without shearing. Also, it has advantageous for critical application in the Pharmaceutical and Nutraceutical industries. This equipment ensures the end product is safe for consumption without diminishing the properties and integrity of the end product. Features: Single piston double effect pump, specially designed to handle particulate products delicately; Hydraulically or pneumatically driven; Adjustable product flow rate (by adjustment of the hydraulic drive); Large product flow capacity (up to 12 m³/hr); High operating pressure (up to 30 bars); Hygienic design; It can handle products containing large particulates. The port size in the biggest pump is 75 mm diameter; The separator between the pump body and the cylinder prevents the product chamber from being contaminated; Perfect response to CIP; Self priming and will draw the product from the storage vessel; Total respect to integrity and shape of the product; The hygienic design combined with a perfect response to CIP cleaning makes this pump so suited to food processing applications where product integrity and shape must be guaranteed, to maintain both appearance and nutritional quality. Advantages: Does not break the product; Delivers high flow rates (up to 12 m³/hr); Allows high-pressure losses (30 bar); Can work under vacuum; Is self-priming; Can work empty (without product); Requires few spare parts; Has no rubber in contact with the product; Can work at high temperatures (100°C); Adjustable flow; Traditional pumping systems for particulate products have always been a daily problem for all processors who need to move or pump whole or diced fruits or vegetables. Problems caused by the high cost of triplex piston pumps, the poor efficiency of lobe pumps, the damaged product resulting from the use of screw pumps, or the low pressure losses which double diaphragm pumps need; The ideal process pump for whole fruits and vegetables, leaves, strips, slices, dices, slivers... and to guarantee no product breakage. Applications: Fruit and vegetable: dices particulates, pudding rice, cream mixes; Ready-to-eat foods; Juices/beverages with dices, fruit sacs; Special dairy based foods; Nutraceutical and fortified foods.



Contact:

HRS Process Systems Limited

201/202 Karan Selene, 851 Bhandarkar Institute Road

Pune, Maharashtra 411 004

☎ 020 – 6604 7894, 2566 3581 • E-mail: info@hrsasia.co.in

Alloy Steel Investment Casting

Supercast Industries offers Alloy Steel Investment Casting. The process can be used for both small castings of a few ounces and large castings weighing several hundred pounds. It can be more expensive than die casting or sand casting, but per-unit costs decrease with large volumes. Investment casting can produce complicated shapes that would be difficult or impossible with other casting methods. It can also produce products with exceptional surface qualities and low tolerances with minimal surface finishing or machining required. Advantages of investment casting: excellent surface finish; high dimensional accuracy; extremely intricate parts are castable; almost any metal can be cast; and no flash or parting lines. Disadvantages of investment casting: The main disadvantage is the overall cost, especially for short-run productions some of the reasons for the high cost include specialized equipment, costly refractories and binders, many operations to make a mold, a lot of labor needed, and occasional minute defects. However, the cost is still less than producing the same part by machining from bar stock; for example, gun manufacturing has moved to investment casting to lower the cost of producing pistols. Investment casting is used with almost any castable metal. However, aluminium alloys, copper alloys, and steel are the most common. In industrial use, the size limits are 3 g (0.1 oz) to several hundred kilograms. The cross-sectional limits are 0.6 mm (0.024 in) to 75 mm (3.0 in). The company is a leading manufacturer of a wide range of ferrous and non-ferrous castings and cast components, with top class inputs procured from reliable vendors.

Contact:

Supercast Industries

A 103, Pawan Paradise, Vasant Nagari New Link Road
Opp: PMC Bank, Vasai East, Palghar, Maharashtra 401 208
Mob: 96650 94970, 93264 74970
E-mail: response@supercastind.com



Hydraulic Hose Assemblies

Mercury Fittings (P) Ltd offers Hydraulic Hose Assemblies that meets ISO, IS, SAE, BS and JIS Standards includes such features as Low, Medium and High Pressure Braided Hoses for Low Temperature and High Temperature Application. The Company provides complete solution of Hydraulic Hose Assemblies through Value Engineering. Products range from 1/4" to 2" of Single, Double and Triple Braided Hose, also Spiral Types of Hoses (R1, R2, 4SH, R13); Hose Connectors, Pipe Products, etc.

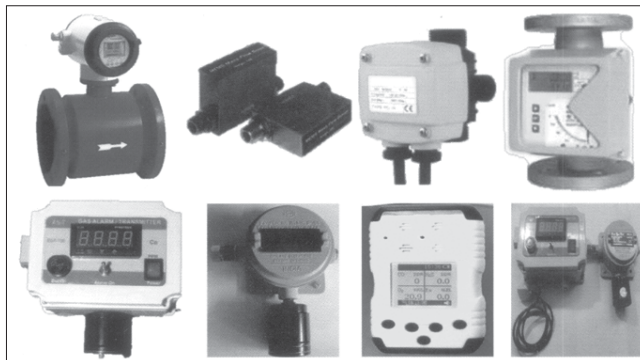
Contact:

Mercury Fittings (P) Ltd

Survey No: 55/2 & 59/2, Aranvoyal Village & Post
Thiruvallur, Tamil Nadu 602 025
Mob: 99410 10741/72999 70780
E-mail: gm@mercuryfittingsindia.com

Process Instruments and IOTs

Pyrotronics India Pvt Ltd, an ISO 9001-2015 Company is one of the reputed and established manufacturer and supplier and exporter of Industrial Products. Products at



glance: Temperature – Digital Temperature Indicator/Controller, Pocket Indicator, PID Controller, Scanners, Data Loggers, Program Controller, Recorder, Infrared Temperature Indicator; Pressure – Pressure Gauge, Pressure Indicator/Controller, Pressure Transducer, DP Transducer, Pressure Switch; Flow – Flow Indicator/Controller, Flow Transmitter, Magnetic/Ultrasonic Transmitter, Turbine Transmitter, Flow Switch, Rota Meter; Level – Level Indicator/Controller, Conductivity/Capacitance Type Level Switch, Magnetic Float Sensor, Level Transmitter, Ultrasonic Level Transmitter; pH – pH Indicator/Analyzer, On-line pH Transmitter indicator/controller, pH Electrode Assembly, pH Electrode, Buffer; Conductivity – Conductivity Analyzer, On-line Conductivity Transmitter Indicator/Controller, Conductivity Electrode Assembly, Conductivity Electrode; Time/Speed – Digital Timer, Time Switch, Time Relay, Preset/Reset Counter, RPM indicator/Controller, AC/DC Motor Speed Controller (AC/DC Drives); Sensor – Temp Sensor (Thermocouple, RTDs) Proximity, Photo Electric, Magnetic, Infrared, Ultrasonic Sensor, Encoder; Humidity – Humidity Indicator/Controller Analyzer, On-line Humidity Transmitter, Sensor Assembly for Duct. The Company is strong in Sectors like Steel and Alloy; Power; Cement; Chemical; Sugar; Paper and all other process industries including OEMs.



glance: Temperature – Digital Temperature Indicator/Controller, Pocket Indicator, PID Controller, Scanners, Data Loggers, Program Controller, Recorder, Infrared Temperature Indicator; Pressure – Pressure Gauge, Pressure Indicator/Controller, Pressure Transducer, DP Transducer, Pressure Switch; Flow – Flow Indicator/Controller, Flow Transmitter, Magnetic/Ultrasonic Transmitter, Turbine Transmitter, Flow Switch, Rota Meter; Level – Level Indicator/Controller, Conductivity/Capacitance Type Level Switch, Magnetic Float Sensor, Level Transmitter, Ultrasonic Level Transmitter; pH – pH Indicator/Analyzer, On-line pH Transmitter indicator/controller, pH Electrode Assembly, pH Electrode, Buffer; Conductivity – Conductivity Analyzer, On-line Conductivity Transmitter Indicator/Controller, Conductivity Electrode Assembly, Conductivity Electrode; Time/Speed – Digital Timer, Time Switch, Time Relay, Preset/Reset Counter, RPM indicator/Controller, AC/DC Motor Speed Controller (AC/DC Drives); Sensor – Temp Sensor (Thermocouple, RTDs) Proximity, Photo Electric, Magnetic, Infrared, Ultrasonic Sensor, Encoder; Humidity – Humidity Indicator/Controller Analyzer, On-line Humidity Transmitter, Sensor Assembly for Duct. The Company is strong in Sectors like Steel and Alloy; Power; Cement; Chemical; Sugar; Paper and all other process industries including OEMs.



Contact:

Pyrotronics India Pvt Ltd

M-173/11, Shastri Nagar, Delhi 110 052
Mob: 99992 87582 • E-mail: info@pyrotron.com

Programmable Filling and Dispensing Pump

Flow Tech has full range of peristaltic pumps for a variety of markets from Laboratory applications to process engineering to heavy duty production and manufacturing. Their Programmable Filling and Dispensing Pumps are designed for accurate repetitive dispensing or general fluid transfer. Models are available for bench top manual dispensing to integrated filling lines. Whether your application requires integration of a standard dispenser into your systems or a custom designed pump. Features: Dial a flow rate from 0.8 ml/min to 8000 ml/min; Programmable dispensing volume; Programmable RPM to avoid splashing and Frothing; Pump has got programmable Suck Back Facility, which ensures drip less fill at dose ends; Calibration by weight/volume/time; Step mode specially designed for pelletization machines; Splash proof membrane keyboard for manual speed control; TTL outputs and inputs for integrations with other equipment.



Contact:

Flowtech

214 Diamond Industrial Estate, Ketakipada

Nr: Dahisar Toll Naka, Off Western Express Highway

Dahisar (East), Mumbai 400 068

☎ 022 – 2848 3010, 2876 • E-mail: flowtech_india@vsnl.net

Conductivity Type Level Switches

Shridhan Automation manufactures field instrumentation used in worldwide applications for Oil and Gas, Onshore, Power, Steel, Pharmaceutical, Chemical, Marine and Mining industries. The Company offers Conductivity Type Level Switches, a simple, low cost, point level controller designed for detection of conductive liquids, having low densities, high viscosities, containing solid particles and interface between non-conductive and conductive liquids. Features: Available with 316 SS electrodes as standard; Suitable for many chemicals and aggressive media; Sure solution for dirty as well as those with high solids content; and available with Solid probes/Suspended probes to suit the requirement. Applications: Water, Milk, Fruit juice, Effluents, Caustic, Phosphate, Sludge coolant, Sulphuric acid, Sump, Reservoir control, Cooling towers, Waste water and Sewage treatment plants.



Contact:

Shridhan Automation Pvt Ltd

B-54, KSSIDC Industrial Estate, Kumbalgodu

Mysore Road, Bangalore, Karnataka 560 074

☎ 080 – 2843 7847, 2843 7848 • E-mail: info@shridhan.com

Waste Water Submersible Pumps

CRI Submersible Sewage Pumps are suitable for pumping muddy water, storm water and sewage water. These pumps are having non-clog impellers to handle suspended solids.

It's dynamically balanced rotating parts ensure vibration and noise-free operation.

Special Features: Dry Type high efficiency motors;

Equipped with an automatic reset motor protector; Heavy Duty sealed bearings; In-built lip seal to prevent ingress of slit and sand. MOC – Pump Casing: CI; Impeller: CI/CF8; Shaft: SS 420; O-Rings: NBR; Cable: H07RNF; Seal Type: Bellow; Seal Face: Carbon/Ceramic Vs. Sic/Sic; Carbon Graphite Resin Impregnated/Steatite Vs. Sic/Sic. Specifications – Max Power: 185 kW; Max Flow: 2500 m³/hr; Class of Insulation: H; Protection Class: IP 68; Max Head Range: 70 m; Max Solid Handling Size: 165 mm; Max Outlet Temp: 40°C; Impeller Type: Vortex, Cutter, Mono/Multi channel. Applications: STEP/ETP; Municipal Waste Water Transfer; Commercial and Industrial Sewage Transfer; Pumping from Septic Tanks; Commercial Buildings; Houses, and Hotels.



Contact:

CRI Pumps Private Limited

7/46-1 Keeranatham Road, Saravanampatty

Coimbatore, Tamil Nadu 641 035

☎ 0422 – 711 7005 • E-mail: bcsmtk@cripumps.com

Centrifugal Barrel Machines

3R MASSFIN Equipments manufactures a wide range of Centrifugal Barrel Machines. High energy centrifugal finishing machines also known as Harperizer systems are the fastest and most cost-effective method for deburring and/or polishing mass parts or individual parts. Extremely high centrifugal forces can be generated on parts with this method. Using this concept in combination with various types of ceramic and organic corn cob media, virtually any part finish is achievable, from burr removal to extremely high surface finish polishing. The company has been perfecting its unique mass finishing machines for years to make us the most innovative and cost-effective surface finishing solution provider. 3R MASSFIN produces machines and consumables to achieve a comprehensive, perfect result, as well as maintaining an extensive demonstration and job shop facility for many different types of applications.



Contact:

3R MASSFIN Equipments Pvt Ltd

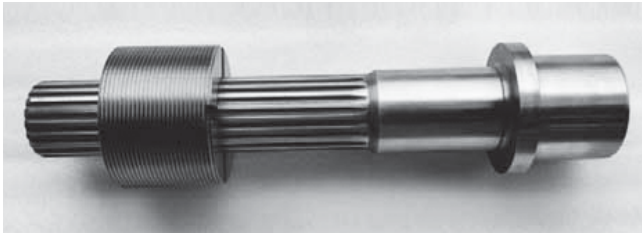
11 GNP Solitaire Industrial Co-Op-Soc Ltd, MIDC Phase 1

Opp: Fire Station, Dombivli East, Thane, Maharashtra 421 203

Mob: 88288 69984, 9137353728 • E-mail: sales@3rmassfin.com

Spline Shafts and Spline Rings

Spiro Gears offers Spline Shafts and Spline Rings. The features are: made utilising certified raw materials and in accordance with clients' specifications while adhering to in-



ternational quality standards; heat treatment performed in well calibrated furnaces to reduce distortion level; to ensure superior dimensional accuracy, gear cutting and thread grinding are done using specialised and precise machines. These spline shafts and rings are highly recognised and favoured by big OEMs because of their simplicity of installation, low noise level, and extended service life. The company, ISO 9001-2015, manufactures and supplies a wide variety of spiral bevels, spurs, helical gears, shafts, hobbled, shaved, etc.

Contact:

Spiro Gears

40-B, Peenya Industrial Area, 2nd Phase

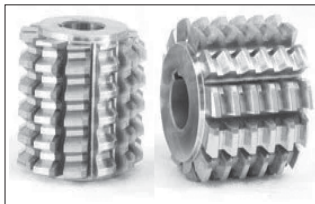
Peenya, Bengaluru, Karnataka 560 058

Mob: 98453 83632, 95953 99938

E-mail: info@spirogears.com

Industrial Gear Hobs

Tool Masters India offers superior quality range of Industrial Gear Hobs as per customers specific requirements. These products are widely used to cut spur and helical gears with accuracy and excellence. Gear Hobs Each meets the specifications of different types of profile modifications, such as chamfering, topping, protuberance, and tip relief. Specifications: available in single or multi-starts as per profile DIN 3972 in Class AA, A and B as per DIN 3968; Pre-shaving hobs, roughing gear hobs, and pre-grinding gear hobs are available. Module: 0.1 to 40 (24 mm to 360 mm diameter); and DP: 120 DP to 0.7. The company is engaged in the manufacturing, supplying, and exporting of various precision cutting tools, gear cutting tools, gear hobs, spline hobs, gear shaper cutters, spline broaches, keyway broaches, sprocket hobs, reamers, machine reamers, chucking reamers, straight bevel gear cutters, threading rolling dies, and flat thread rolling dies.



Contact:

Tool Masters India

29 Industrial Estate, Green Park Colony

Patiala, Punjab 147 002

☎ 0175 – 235 2637 • Mob: 98159 41718, 98763 00890

E-mail: toolmasters@gmail.com

Roll Marking Machine

Yugma Impressions offers a new Roll Marking Machine. It is a semi-automatic machine specially designed for marking on engine valves and round parts using PLC technology. Features: Servo Control system of FISNAR with dose pump for proper circulation of electrolyte; Batch counter for counting the varied jobs. Process: Valves are loaded manually from the production line for roll marking, and after marking, it has to be neutralized manually; Output per hour: 400-500 pcs. The Company's products range includes: Manual Etching Machines, Dot Pin Marking Machines, Fiber Laser Marking Machines, and Consumables.



Contact:

Yugma Impressions

Plot No: H5/25, MIDC, Chikalthana

Aurangabad, Maharashtra 431 210

Mob: 98223 03472, 93252 99868

E-mail: yugmaimpressions1@gmail.com

Chain Saw Sharpeners

PFERD offers a wide range of Chain Saw Sharpeners. The features are: Chain saw sharpeners from PFERD are exceptionally well-suited to the manual sharpening of saw



chains; manual sharpening is more economical and much more gentle than machine-based sharpening and prolongs the operating life of the saw chain; the compact chain sharp CS-MT sharpening solution combines a chain saw file and a depth gauge file in one ergonomic tool; the defined elevation of the chain saw file makes sharpening the saw teeth easier and prevents the connecting links of the saw chain from being damaged. The side-mounted depth gauge file allows the user to individually set the depth gauge. The company engages in development, production, and support for surfaces and material cutting.

Contact:

PFERD

326 B-Block, AECS Layout, Brookefield

Bengaluru, Karnataka 560 037

☎ 080 – 4218 7117 • Mob: 98806 65415, 97414 81117

E-mail: sales@swit.in

Cutting Dies

Tool Masters India offers a superior range of thread Cutting Dies. The features are: These thread cutting dies are extensively used in precision thread rolling of fasteners, auto parts, and other components; the entire range of thread cutting dies is made using cold work tool steel (D2/ equivalent material) and high-speed steel (M2) with the help of a team of experts; the products are specified with accurately ground thread; available in feed-thru as well as in-feed type; and designed for thread rolling of tough to roll materials like stainless steel and fasteners after heat treatment. The company is engaged in the manufacturing, supplying, and exporting of various precision cutting tools, gear cutting tools, gear hobs, spline hobs, gear shaper cutters, spline broaches, keyway broaches, sprocket hobs, reamers, machine reamers, chucking reamers, straight bevel gear cutters, threading rolling dies, and flat thread rolling dies.



Contact:

Tool Masters India

No: 29, Industrial Estate, Green Park Colony

Patiala, Punjab 147 002

☎ 0175 – 235 2637 • Mob: 98159 41718, 98763 00890

E-mail: toolmasters@gmail.com

Sintered Carbon Materials

Avon Advanced Materials Company is a green field project for producing Sintered Carbon Materials launched by Avon Seals Pvt Ltd, the largest manufacturer of



mechanical seals for water pumps in India. As of today, AAMC is the only Indian company having the facility to manufacture three streams of graphite products namely Electrical Carbon, Mechanical Carbon and Speciality Graphite. Unique material properties: High thermal and electrical conductivity; Extremely good thermal and chemical resistance; Excellent self-lubricating properties.

Contact:

Avon Seals Pvt Ltd

**G-2, 11th Street, Sector-1, Ambattur Industrial Estate
Chennai 600 058**

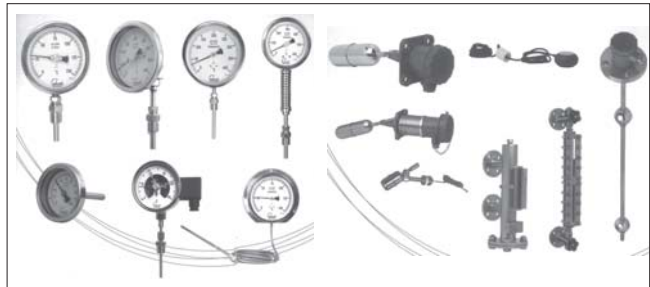
☎ 044 – 4225 4995 • E-mail: info@avonseals.com

Pressure & Temperature Measuring Solution

Excel Instruments, an ISO 9001: 2015 Company is an independent 100% own manufacturing Company for Pressure and Temperature Measuring Solution with EXCEL Brand.



The Company offers a range of products like Temperature



Gauges, RTD Thermocouples and Thermowells, Level Gauges, Valves, Manifolds, Fittings and Accessories, etc. Excel's products are developed to meet specific requirement of emerging sectors like Food and Pharmaceuticals, Fertilizers, Glass, Textile, Water Treatment, Chemicals, Pulp and Paper industries and Hydraulics, etc.

Contact:

Excel Instruments

Plot No: 1602, Phase-2, GIDC, Chhatral, Tal: Kalol

Dist: Gandhinagar, Gujarat 382 729

Mob: 94263 95647, 90336 60978

E-mail: info@excelinstruments.com

Rubber Spring Mounts

HiDamp Industrial Mountings Pvt Limited offers HDD Series rubber spring mounts with high deflection properties used in low frequency application such as vibrators, compressors and automobile suspension systems and also for vibratory screens, vibrating tables, construction equipments and naval applications.

Contact:

HiDamp Industrial Mountings Pvt Limited

Hidamp Gardens, Vedapatti

Coimbatore, Tamil Nadu 641 007

☎ 0422 – 653 2118 • Mob: 94897 53070

E-mail: hidamp@hotmail.com

Compact Speed Vector Drives

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

Contact:

Confident Automation

23 Venkatalakshmi Nagar, Trichy Road, Singanallur

Coimbatore, Tamil Nadu 641 005

☎ 0422 – 3218 099 • Mob: 93622 64242

E-mail: confidentautomation@gmail.com



Trip Circuit Supervision Relay

JVS Electronics Private Limited offers Trip Circuit Supervision Relay. The features are: TCSR monitors the healthiness of the trip circuit of the breaker. Basically, the circuit drives a small current through the breaker trip coil and monitors it continuously. If there is any failure in the trip circuit or trip coil circuit, the relay will sense and operate its output contacts. The trip circuit supervision relay (TCSR) is used for monitoring the healthiness of the circuit breaker (CB) trip circuit, CB trip coil, and CB power supply. The features include: low supervision current; continuous monitoring of the complete trip circuit independent of the circuit breaker position; detection of faults in the supervised circuits such as loss of voltage and circuit breakage; and sensing by electronic circuit. The company is an exporter, manufacturer, and supplier of audio-indicating instruments, visual-indicating instruments, electrical-indicating instruments, etc.

Contact:

JVS Electronics Pvt Ltd

Office No: 121, Manchanayakanahalli

28th KM, NH 275, Bidadi, Karnataka 562 109

Mob: 94482 88863 • E-mail: bangalore@jvselectronics.in



Ball Mill

DM Engineering manufactures Ball Mill is designed by experts with High Quality Components and latest technology. It works on the principle of impact: size reduction is done by impact s the balls drop from near the top of the shell. The Ball Mills are used to grinding various materials like in industries like: Mineral Processing, Building Materials, Construction, Painting, Pharma, and Chemical industries done in wet and dry grinding methods. Capacity: 10 kg to 1000 kg. The Company's products range includes: High Shear Disperser, Fermenters, Hydraulic Baling Press, Hydraulic Press, Hydraulic Cylinders and Power Packs with Fittings, Material Handling machines, Shredding Machines, Fly Ash Brick Making Machine and Plant, etc.

Contact:

DM Engineering

SF No: 873/B1A, D No: 281, North Garden Street, Gas

Company Bus Stop, Idigarai Road, Nr: Railway Gate

Idigarai, Coimbatore, Tail Nadu 641 022

☎ 0422 – 269 4003 • Mob: 99652 11003/94885 22011

E-mail: dmengineering25@gmail.com



Microstepping Motor Driver

Yugandhar Systems offers a Microstepping Motor Driver - YSSPD 4. The features are: this is compact, silent, yet a powerful driver, which eliminates all the problems related to vibration, resonance, and sound in the stepper motor; it is suitable for motors from 10 to 87 kg cm and offers basic 200 PPR mode with smart stepping feature; at lower speeds, up to 580 Hz, the basic step angle of 1.8 degree is converted to 0.225 degree without changing the resolution; at higher speeds, the driver changes over to 1.8 degree, and pure sinusoidal currents in the motor reduce the motor sound and vibration. The company is a manufacturer, exporter, and supplier of an extensive array of load sharing controllers, genset controllers, smart label dispensers, smart micro drivers, smart standalone drivers, etc.

Contact:

Yugandhar Systems

Office No: 1, Samruddhi Enclave, Near Muktagan College

Aranyeshwar-Mitramandal Road

Parvati, Pune, Maharashtra 411 009

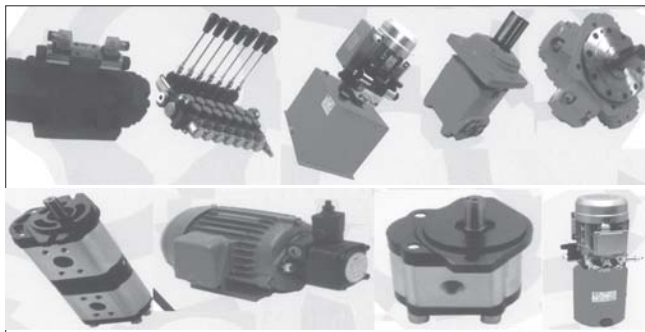
☎ 020 – 2422 8445 • Mob: 98230 37997

E-mail: yugandharsystems@gmail.com



Hydraulic Products

Target Hydrautech Pvt Ltd offers Hydraulic Products. The products range includes: Solenoid and Modular valves; Proportional & Relief Valves; Mobile Control Valves; Hy-



draulic Motors: Radial Piston and Orbital; Variable Displacement Axial Piston Pump; Fixed Displacement Axial



Piston Pump; DC Compact Power Pack 12 V and 24 V; AC Power Pack 1 HP to 5 HP; AC and DC Car Lift Block; Gear Pump; Power Pack and Accessories.

Contact:

Target Hydrautech Pvt Ltd
Target House, Tulip Indl Complex
Vasai-Naigaon Link Road Bhoidapada, Vasai (East)
Dist: Palghar, Maharashtra 401 208
☎ 86918 52761, 80807 50080 • E-mail: sales@targethyd.com

Hiwin LM Guide Ways

IBK Engineers Pvt Ltd offers a wide range of Hiwin LM Guide Ways. The features are: linear roller bearings, ball screws, pillow blocks, etc.; Hiwin bearings are easily available for replacement. They supply all over India Hiwin Linear products and ball screw bearings at the best low prices, imported and Indian. The Company is a bearing dealer and is engaged in the wholesaling, supplying, distributing, and trading of deep groove ball bearings, mechanical bearings, roller chains, steel rear sprockets, safety equipment, automotive components, electric equipment, etc.



Contact:

IBK Engineers Pvt Ltd
Unit B, Profile, 219, 4th Cross Road, Peenya 1st Stage
Netaji Nagar, Peenya, Bengaluru, Karnataka 560 058
☎ 080 – 2632 1112 • Mob: 98805 66644
E-mail: raju.kn@ibizkart.com

Compact Substation

Excel Power Switchgear Pvt Ltd offers Compact Substation. Features are: packaged or compact substations are fully compartmentalized substations kept inside a prefabricated enclosure with MV switchgear, transformer, and LV switchgear; their compact substations are specially designed with the highest possible standards for personnel safety and a suitable ventilation system to suit local climatic conditions. And also, it is tailored to individual customer requirements using products from a comprehensive range, providing a convenient, single source packaged substation with minimum time and cost, and also helping to solve problems of space limitations experienced in the installation premises; the enclosure of the CSS is manufactured using high quality pre-galvanized sheet steel; which provides high resistance to corrosion, which is paramount in outdoor applications. CSS is typically divided into three compartments: medium-voltage switchgear, low-voltage switchboard, and distribution transformer. The detachable roof with ventilation opening is beam supported and secured at each corner with bolts, and the enclosure's wall units, roof, and doors are constructed using standard modules. The company is engaged in production, and manufacturing of low and medium voltage switchgear, and has displayed a rapid growth in the switchgear industry by attaching primary importance to a customer oriented approach and by producing quality products.



Contact:

Excel Power Switchgear Pvt Ltd
15 First Street, Gandhi Nagar, Achugam Nagar
Ekkatuthangal, Chennai 600 032
☎ 044 – 2225 4870 • E-mail: sales@excelpower.co.in

Process Plants

ATR-ASAHI Process Systems (P) Ltd offers Process Plants for Nitric Acid Concentration; Sulphuric Acid Concentration; De-nitration and NOx absorption with acid recovery; Integrated NAC/SAC; Plants for recycling mixed acids/waste acids from the products of energetic materials and other process industries. Other Process Plants: HCl gas generation with zero discharge; Br2 recovery from NaBr solution; Bromine production from biterrens; Gas absorption for HCl, SO2, Cl2, HBr; Sulfuric acid dilution; Production of sodium hypochlorite; Recovery precious metals from waste streams; and Solvent recovery plants.

Contact:

ATR-ASAHI Process Systems (P) Ltd
668 GIDC Makarpura, Vadodara, Gujarat 390 010
Mob: 90990 05938 • E-mail: prosys@atrasahi.com

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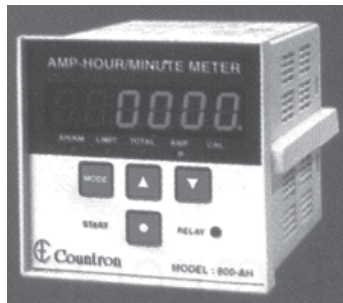
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Programmable Ampere-Hour Meter

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



Contact:

Countronics

3/1/29 Sahibabad Indl Area, Site-IV

Ghaziabad, Uttar Pradesh 201 010

Mob: 098105 36887 / 098183 50088

E-mail: countronindia@gmail.com

Axial and Radial Bearings

Mac Marketing offers Axial and Radial Bearings. Main characteristics of this type of combined bearing are: high running precision, high rigidity at tilting moments and high carrying capacities. These features together with the wide dimensional range make this bearing the right solution for rotary tables, swivel heads, measuring instruments and automation systems. The bearing is made of two axial needle cage assemblies while the radial part is full complement. The washer, the inner ring and the outer ring have holes to allow mounting by screws. These bearings can be re-lubricated through the inner ring and the outer ring. They are supplied with grease lubrication. Mac Marketing has been highly specialized in the marketing of rolling bearings and allied products that find numerous uses in various industries from Rolling Mills to Paper Mills, Textile to Turbines, Oilfield Drilling to Satellites, etc. Features: Assured high quality and dependability; Engineered to high standards; Tested under extreme conditions.

Contact:

Mac Marketing Corporation

Mac Manor, No: 235, RMV, 5th Cross, 2nd Stage

2nd Block, 80 Feet Road, Bangalore, Karnataka 560 094

☎ 080 – 2351 6096 • Mob: 98450 18280

E-mail: info@macmktg.com

Plastic Butterfly & Ball Valves

Sude offers Plastic Butterfly Valves that are available in two types or styles – Wafer and Lug. A different installation procedure is used for each one. Features: Wafer Style is the more common of the two and is less expensive than the Lug style. The Wafer style valve is just about the Standard. Wafer butterfly valve is installed between two flanges using bolts or studs and nuts. This type of installation of course, makes it impossible to disconnect just one side of the piping system from the valve. That is where the Lug style valve comes in. Lug style valve has metal inserts installed in the valve's bolt holes. These inserts are threaded on both ends. This allows them to be installed into a system using two sets of bolts and no nuts. The valve is installed between two flanges using a separate set of bolts for each flange. This permits either side of the piping system to be disconnected without distributing the other side. Thermoplastic butterfly valve is slip in Wafer style, compact design, light in weight and easy to install. It is available in sizes range of 50 mm to 400 mm; and 500 and 600 mm available on request. Sude's plastic butterfly valve is made from light quality thermoplastic like PP, HDPE-High density polyethylene and PVDF – Polyvinylidene fluoride. The valve is tight shut off in both flow directions and recommended for pressure rating of PN10. Valve is also available with double-flanged end connections. The butterfly valves are available having flange with drilling as per BS, ASA, DIN or any other standard. Butterfly valves offered with PVC and CPVC thermoplastic construction for corrosion resistance in chemical and wastewater applications.



Contact:

Sude Engineering Corporation Gat No: 94/2, Plot No: 1

Alandi Markal Road, Village Dhanore, Tal: Khed

Pune, Maharashtra 412 105

Mob: 98229 80003, 97637 19688

E-mail: sudeengg@gmail.com

Motors, Gearboxes, Lubricants

PI Enterprises is the authorized wholesale dealer for Rotomotive motors, Worm and Helical Gearbox, Swifpe motors and Gearbox, JRT Gripper Cylinders, Delta Automation Products, KRS Lubrication Products, Dropco Lubrication Products, and all customer required products support and technical support.

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PI Enterprise

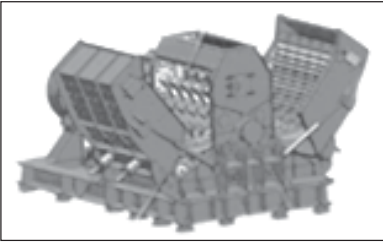
S N 93/1, 2nd Floor, Chennai-Bangalore Main Road

Sriperumbudur, Tamil Nadu 602 105

Mob: 96003 33892 • E-mail: pienterprises.sales@gmail.com

Reversible Hammer Crusher

MASYC, an ISO 9001-2008 certified company specializes in the field of Bulk Material Handling System, Conveyor Equipment, Crushers and Screens etc. The Reversible Hammer Crusher is manufactured based on proven technology and under in-house strict quality control. It has the unique design feature such as Welded Casing, Screwed Liner with High Carbon Steel Plates, Hammer heads made of chrome alloy cast steel or manganese steel depending upon the application. Rotor shaft is made out of forged steel, Hammer grinding path with Wear Resistant Plates, which are Mechanically/Hydraulically adjustable and Dust Proof Spherical Roller Bearing. It crushes material in two stages ie, initially the material is reduced by impact between hammer and material followed by scrubbing action (attrition) against breaker plate. Masyc Reversible Hammer Mill is used for Hard Coal, Lignite, Cooking Coal, Lime Stone, Gypsum and other soft and medium hard material. These Mills are rugged in structural, design and easy to maintain, having high throughput and low wear. The maximum reduction ratio can be as high as 12:1 depending upon the WBI of the material. Masyc can offer Reversible Hammer Crusher up to a capacity of around 700 TPH and having Rotor dia 2000 mm. The company major customers include Ultratech, Bhushan Steel and Power, Binani Cement, Nirma, Amrit Cement, Jindal Saw and Orient Cement etc.



Contact:

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

Heavy Duty Milling Head

Fenwick And Ravi, an ISO 9001:2015 Company offers Heavy Duty Milling Head HDMH Series. Technical Specifications – Output: ISO50; Input: BT50 (MAS403); Gear Ratio: 1:1; Speed: 2000 RPM; Torque: 1000 Nm; Max Tool Size: Dia 150 mm; Max Tap Size: M36; Weight: 90 kg. Also offers Angular Milling Head – Standard Head, Universal Head, and Dual Output Types.



Contact:

Fenwick And Ravi
10/3, Lakshmi pura Main Road, Chikkabanvara PO
Abbigere, Off Jalahalli West, Bengaluru, Karnataka 560 090
☎ 080 – 2325 4935, 2325 3901 • E-mail: sales@far.co.in

Servo Press

Square Automation offers Servo Press machine driven by an AC servo motor, the pressure assembly and pressure displacement monitoring function are implemented through a high-precision ball screw output force. The built-in precision ball screw output force. The built-in precision pressure sensor and encoder can accurately measure speed, pressure, and position. The professionally developed control software can ensure that the entire process can accurately control the compression force, stop position, compression speed and holding time and other parameters, and achieve the entire process of numerical control management. Advantages of Servo Press: A pair of high strength bearing built in to ensure same push and pull force; Excellent lubrication, ambient environment temperature -10 ~ + 80°; High quality seal on both end of cylinder for better performance; Built-in stroke limit sensor. Applications: Precision Pressing; Lifting; Endurance and Durability Machine; Spot Welding; Stacking Machine; Dispensing Machine; Packaging Machine.

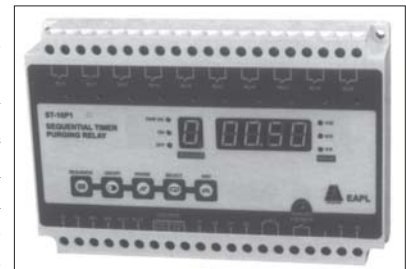


Contact:

Square Automation
Yashada Industrial Estate, Unit No: 108 + 109
Narhe-Ambegaon Road, Pune, Maharashtra 411 041
Mob: 96573 32859, 94225 48391
E-mail: info@squareautomation.co.in

Sequential Timers

Electronic Automation Pvt Ltd offers Sequential Timers with Purging Feedback. Features: 1 separate additional relay for healthy purging feedback; Suitable for screw mounting; Non potential pulse start signal for initiation; Hold/Restart facility during power failure conditions; Program of the first relay can be copied to all remaining relays or individually programmed for each relay; Single cycle/Repeat Cycle, Cascading of multiple units are available. Applications: Bag Filter systems, Dust pollution systems, Air handling systems, MCC panels, Pneumatic Conveyors, Process industries and many more.



Contact:

Electronic Automation Pvt Ltd
#20, KHB Industrial Area, Yelahanka
Bengaluru, Karnataka 560 064
☎ 080 – 4280 2345 • E-mail: info@eaplindiamail.com

Brine Plus All Organic Chemical

Brine Plus is a single product treatment chemical used for closed loop recirculating brine water. This all organic product protects all brine water. This all organic product protects all brine water internal metallurgies against any corrosive attack. The Strong polymeric dispersant keeps the internals free of scales. Brine Plus ensures the continued operational reliability of Brine system. The regular use of Brine Plus enhances the system life and keeps the system clean. Features: All organic chemical; Environment friendly; Rapidly form strong protective coating on ferrous and nonferrous metal surface; Can take care of both cession and deposits; No supplementary pH booster or buffer program required; No load on biocidal program; No effect on brine characteristics; Easy to use, operate and maintain. Benefits: Brine Plus will keep heat transfer surface clean with minimal corrosion; No frequent changeover of contaminated brine due to rust oxidation. Thus costly brine replacement is saved; No frequent cleaning will be required resulting in savings of manpower, chemical and maintenance cost. Equipment life is also enhanced due to less use of unwanted cleanings and chemicals; Brine Plus helps to avoid unwanted shutdowns and cost associated with such shutdowns as it keeps system clean and protected; Brine Plus minimizes energy expenses and costs due to improved system efficiency.

Contact:

Eximious Ventures Pvt Ltd

B-1, Gr Floor, Jeevan Prem, Dharmaveer Marg

Panchpakhadi, Thane, Maharashtra 400 602

☎ 022 – 2533 3070, 2536 6774

E-mail: info@evpl.co.in

Digital Pressure Gauges + Transmitter

Arbuda Instruments offers Digital Pressure Gauges + Transmitter. Features: Nominal size: 63 and 100 mm; Accu-



racy: +0.25% and 0.15% of full scale; Case and Bezel: ABS plastic and aluminium anodized; Wetted parts: SS 304L/DD 316L; Scale range: -1 to 700 kg/cm²; Battery life: 2 years power saving mode/1000 hrs cont. Applications: Generally used for corrosive gases and liquid media and for calibration lab use. The Company also offers Commercial Gauges, Chemical Sealed Gauges, Industrial Gauges, Compact Sealed Gauges, Mud Gauges, Triclover Sealed Gauges, etc.

Contact:

Arbuda Instruments

E-11/1 GIDC Sector-26, Gandhinagar, Gujarat 382 026

Telefax: 079 – 2328 7990 • Mob: 90337 11390, 93282 97128

E-mail: arbudainst@yahoo.com

Industrial Pulse Jet Bag Filters

Whizz Engineering Services offers Industrial Pulse Jet Bag Filters. The features are: recovery of particulate matter from exhaust gas is vital for any industry, and in many instances, a bag filter is deployed to separate fine particles from air/gas to recover a finished product and/or limit the particulate pollution of flue gases emitting from the plant; can handle moisture levels up to 10%; is applicable for acidic as well as basic conditions with the advances in the filters; has a compact design with sufficient access points for easy maintenance; strong and externally stiffened casing suitable to withstand strong internal pressure; instrumentation and control systems for user friendly operations; ventury guided pulse cleaning for better dust cake removal and low air consumption; bottom hopper mechanical force operated dust dislodgement arrangement; strong cage design; solid fabricated/casted ventury; positive locking arrangement for long and trouble-free operations; and suitably designed dust removal devices like rotary airlock valves, screw conveyors, etc.; provision for an explosion valve and a fire-preventing sprinkler system.



Contact:

Whizz Engineering Services Pvt Ltd

Survey No 15/1, Gujarwadi Road

Katraj Nagar, Pune, Maharashtra 411 046

Mob: 98607 06792 • E-mail: mktg@wespl.com

Axial Flow Pump for Agriculture Industry

Jay Ambe Engineering Co manufactures a wide range of Axial Flow Pumps for Agriculture Industry. Axial flow pumps use the propelling action of the impeller vanes on the liquid to develop pressure. These pumps are also used in heat recovery systems, nuclear reactor water circulation, and high volume mixing application. Features: Head: up to 9 m; Max Flow Rate: up to 20,000 m³/hr; Material: Cast Iron, Stainless Steel; Liquid Temperature: Up to 300°C; Size: 6-40 inches. The Company's products range includes: Chemical Pumps, Industrial Pumps, Centrifugal Chemical Process Pumps, Water Pumps, Horizontal Pumps, Polypropylene Chemical Process Pumps, Thermic Fluid Pumps, Vertical Sump Pumps; etc.



Contact:

Jay Ambe Engineering Co

New Survey Nos: 416 & 1464, Near Kuha Water Canal

Kothiya-Kuha Road, Village Kuha

Dist: Daskroi, Ahmedabad, Gujarat 382 433

Mob: 080486 04994

Battery Internal Resistance Tester Model KM-930

KUSAM-MECO has introduced a new Battery Internal Resistance Tester Model Km-930. It is an instrument to measure the internal resistance, Voltage and Temperature of rechargeable batteries such as lead storage batteries and lithium batteries to determine the health of the battery. This meter uses 4-terminal test method to measure the internal resistance of the battery and can measure the correct value without being affected by the contact resistance between the test wire, terminal and battery electrode. It also has



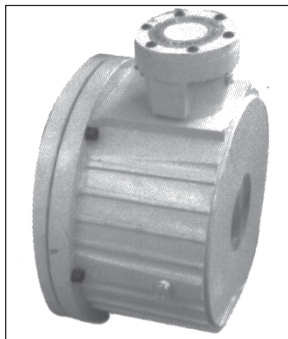
function such as data storage, data access, alarm and automatic shutdown. It is ideal instrument for battery production, battery installation, equipment production etc. This tester is controlled by a microprocessor (16-bit A/D) which can accurately detect battery internal resistance, voltage and temperature without stopping the UPS system, using AC-low resistance measurement and noise reduction technology without stopping the normal operation of the device under test. It has facility of Bluetooth connection for wireless measurement. The resistance range is 0.000mΩ to 3.100Ω. The voltage range is 0-70V. The temperature measurement range is -10°C to 60°C. It has fast response time of 200 mS. It has facility for preset PASS, fail, warnings. The weight is Approx. 480gm. It is supplied with Test Leads, USB Cable, Charger, Software CD, Instruction Manual, Instrument box.

Contact :

Kusam Electrical Industries Ltd.
Shop no.18, 1st Floor, CIDCO Shopping Complex
Plot # 9, Sector-7, Rajiv Gandhi Marg, Sanpada
Navi Mumbai 400 705
☎ 022 - 2775 4546, 2775 0662, 2775 0292
E-mail: sales@kusam-meco.co.in

Flame Proof AC & DC Fail Safe Brakes

Sytco Engineers offers Flame Proof AC & DC Fail Safe Brakes. Features: Torque 5 Nm to 400 Nm; DC and AC brakes available for hazardous applications. These brakes are fitted in specially developed enclosures, which are manufactured as per provisions of IS/IEC: 60079-1:2007. Typical Applications: Cranes and Hoists; Mines; Chemical Plants; Flame Proof Applications, etc.



Contact:

Sytco Engineers
A-30 & 37, MIDC, Latur, Maharashtra 413 512
☎ 02382 - 221 066, 224 866 • Mob: 86000 25087
E-mail: sales@sytco brakes.com

Compressed Air Dryers (Heatless) DP V3 Series

Trident Pneumatics Pvt Ltd offers Compressed Air Driers (Heatless) DP V3 Series. Features: It is designed for ISO: 7183-1986 (E); Dryer Quality Class – ISO: 8573-1: 2010 (E) Class 2 (-40°C PDP); Pressure Drop < 0.3 kg/cm² (g); Fabrication Code: IS 2825; LCD; Filter made of aluminium with differential pressure indicator; In-built sample gas chamber and electrical outlet for miniature Dew point transmitter; Operating voltage: 230 ±10% V AC 50/60 Hz 1 phase. Specification – Maximum operating pressure: 12.5 kg/cm² (g); Rated air inlet temperature: 38°C; Rated operating pressure: 7 kg/cm²; Pre-filter rating: 5 micron; After filter Rating: 1 micron; Cycle time: 5 minutes; Purge Loss: 15 ±1%; Outlet Air Quality: -40°C PDP.



Contact:

Trident Pneumatics Pvt Ltd
5/232 KNG Pudur Road
Coimbatore, Tamil Nadu 641 108
☎ 0422 - 240 2373, 240 0492
E-mail: sales@tridentpneumatics.com

Vibratory Driers

These unique elliptical shaped vibratory driers from Ceramed Engineers give extra drying area with less floor space compared to conventional driers. It is simple to operate and highly efficient and comes with a component separation/discharge feature. The metal spun work chamber has the required depth to function as an extremely robust unit. These models are available in three standard sizes to enhance different finishing needs, and can also be used as a fine polishing machine with green maize media. The Company's products range includes: Vibratory Finishing machines, Spiral Type Vibrators, Tub Vibrators, Centrifugal high energy machines, Centrifugal high energy Polishing machines, Rotary Driers, Vibratory Driers, etc.



Contact:

Ceramed Engineers Limited
No: B-67&68, III Stage, Peenya Industrial Estate
Bangalore, Karnataka 560 058
☎ 080 - 2836 0924, 4117 1028 • Mob: 91645 04222
E-mail: info@ceramedengineers.com

Air Wipe System

Air Wipe Systems find wide range of applications in many industries. They are particularly used in industry where the product needs to be cleaned 360° along its outer surface as it moves along the manufacturing process. The Air Wipe System produces a “laminar” Flow of air along its 360° angle using the “Coanda” effect which “entrains” a large



volume of air from the surrounding area along with the small amount of compressed air from the Air Wipe System to produce an output flow up to 30 times. This helps Reduce both compressed air consumption and noise levels compared to drilled pipes or rows of nozzles. Payback on compressed air savings can be as soon as a few weeks in some applications. Air Wipe System blows off, cleans, cools and dry cables, pipes, extrusions, hoses, wires and ropes. Air Wipe System is easy to mount, and it is completely maintenance free. Air Wipe System is available in aluminium or stainless steel 304 and 316L. Benefits: Even blow off around the part, light in weight and compact; Easy to install and maintain; Allows removal on a continuous piece; Reduced compressed air allows energy savings plus lower noise levels; Maintenance free with output easily controlled, safe to use. Applications: in many industries mainly to remove moisture, dirt, dust, etc. from the objects outer diameter as it moves along the manufacturing line. Some typical industries are: a) Cable and Wire manufacturing; Plastic or Metal Extrusion Pipe manufacturing; Welding Wire manufacturing; Thread and Rope manufacturing; Conduit and Flexible pipe manufacturing. Air Wipe Systems are available in 12 standard (inside) diameters: 3/8", 1/2", 1", 2", 3", 4", 5", 6", 7", 9", 11". Special diameters are also available on special request. Air Wipe Systems come with a standard .002" outlet gap which will work for 90% of all applications encountered. If greater force is required, a second .004" shim may be installed to open the gap for greater flow.

Contact:

Ace Flow Konzepts Private Limited

68-A, New Empire Indl Estate, Kondivita Lane

Andheri-Kurla Road, J B Nagar, Andheri (E), Mumbai 400 059

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at ₹750/- for 3-year.**

Capsule Filters

SS Filters have developed capsule filters in various sizes and filter media. They are ideal for filtration of small volume of gases and liquids. These filters are self-contained, ready to use, disposable filtration devices inside a polypropylene housing. Each capsule filter consists of a plated filter element integrally sealed into a rugged polypropylene housing. A completely self-contained unit is formed by a state-of-the-art thermal bonding process, ensuring well tested filter integrity and performance. Apart from various configurations available for inlet/outlet, the unit also has venting and draining ports. SS Filters Pvt Ltd is a technology oriented company, which specialises in microfiltration of fluids and its handling equipment. They are the leading manufacturers and suppliers of filter cartridges, filter housings, filter bags and filter pads in addition to different types of filter systems for use in laboratory and industrial applications.

Contact:

SS Filters Pvt Ltd

Plot No: D-13/8, TTC Industrial Area

MIDC, Turbhe, Navi Mumbai 400 705

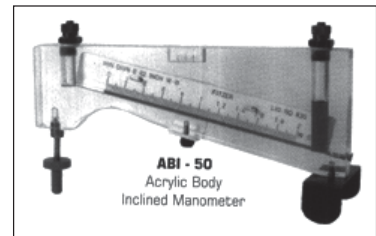
☎ 022 – 2763 3362 • Mob: 98200 72995

E-mail: info@ssfilters.com



Acrylic Body Manometers

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



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

Contact:

Fitzer Instruments Company (India)

Atali, Near Ambivali Station (W), PO: Mohone

Tal: Kalyan, Dist: Thane, Maharashtra 421 102

Mob: 86918 16354 / 86918 16355 / 86918 16356

E-mail: fitzergujarat@rediffmail.com

Diaphragm Type Solenoid Valve (1 Inch)

Siemag Industries offers Diaphragm Type Solenoid Valve (1 Inch). Applications: Used on a Broad variety of Installation such as Instrumentation, Laundry equipment,



Spraying equipment, Dental equipment, Health club etc., providing single Automatic control of the flow of media in a pipe line. Description: Tight shut-off; No Minimum Pressure required; Low Cost - Minimum size; Only one moving part eliminates maintenance problem; To control instrument air, low pressure gases; Gravity feed and other applications; and Can be installed in any direction. Specifications: Technical Data: Type: Normally Close and Normally Open; Size: 1" [BSP / NPT (F)]; Orifice: 25 mm; Working Pressures: 1.5-10 bar (Also available in 0-20 bar and 0-40 bar); Coil: 230 V AC Standard – (12, 24, 48, 110 V AC/DC) available on request; Wattage: 4.5 to 11 W; Class: Class A [Standard], Class H (180°) [Optional]; Enclosure: Standard – (Optional Plug-In-Type IP 55 / IP 65 / IP 66 / IP 67). Material of Construction: Body: Forged Brass [Standard] and (Optional Stainless Steel); Housing: Brass / Stainless Steel; Plunger: Stainless Steel 430 F; Spring: Stainless Steel; Seals: Buna - N Standard (For High Temperature Viton / EPDM).

Contact:

Siemag Industries
R.K. Industry House, Walbhat Road
Goregaon (East), Mumbai 400 063
Customer Care: 77188 75757
E-mail: info@siemag.net

Speciality Chemicals for SS Wire Plant

Elite Industries supplies Inline Cleaning Chemical before Annealing. Benefits: Specialized product for cleaning oil and metallic deposits from hard to clean areas in SS wire; highly economical and instant cleaning action. Aquaclean 100 is an organic acid based degreasing agent for SS Wires (200, 300, and 400 Series); Safeclean is an ecofriendly solvent based sledge remover. Applications: For cleaning of SS and MS wire after drawing; A ratio 90: 10 to 80: 20 of Chemilube Aquaclean 100 and Safeclean has to be maintained.

Contact:

Elite Industries
12 Samkit, Sagar Signature, Waliv Phata, Sativali
Vasai (East), Dist: Palghar, Maharashtra
Mob: 9769 624737, 93238 03588
E-mail: elite_ent@hotmail.com

Level Indicators, Glidomat

R K Dutt Concerns offers Glidomat range of float and counter weight Level Indicators. Features: it is ideal for tall overground and overhead storage tanks magnetic vapour seal and standard open to atmosphere versions; it is special is low corrosion – epoxy painted scale boards; lifetime lubricated – nylon roller pointer; no guide wires – self-centring float; highly viscous LSHS, sugar syrup, etc., no problem; non stretching multi strand



SS/PP rope; dust free die cast pulley housings; easy to install – modular design; vapour tight version for HCI and petrochemicals, and its applications: L-16 Glidomat – water, veg/fuel/lub oil, LSHS, Dil H₂SO₄, Dil HNO₃, brines, caustic, silicates, molasses, etc; and L-16S Magnaseal – solvents – methanol, IPA, toluene, hexane, benzene, HCI, NH₄OH, etc. The company is an ISO 9001 certificated company, measuring and controlling instruments since 1974.

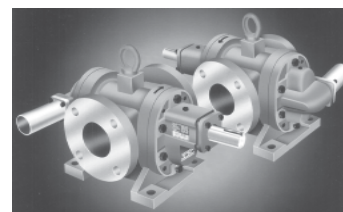
Contact:

R K Dutt Concerns
Plot A 88, Road No: 18, Wagle Industrial Estate
Thane West, Maharashtra 400 604
☎ 022 – 6724 8787 • E-mail: pisales@rkdutt.com

Rotary Twin Gear Pump, Type RDRN

Del Pd Pumps & Gears (P) Ltd offers RDRN Type Rotary Twin Gear Pump suitable for Fuel oil, Lube oil, Veg oil, Mineral oil loading-unloading and transfer applications.

This pump is well-known, and widely accepted in all the industries for its efficient performance, operational reliability, compact design and noiseless operation. Many imported gear and screw pumps are replaced with Rotodel pumps in power stations, steel plants, refineries, oil installation on navy vessels and cargo ships. RDRN Series twin gear pump now offers enlarged capacity range with option of self or independently lubricated jacketed or non-jacketed construction with all sizes designed to run at synchronous speed of 4-pole prime mover to further reduce the overall cost of the pump set. Size: from ½" to 6" NB (Flanged to ASA 150 Class); Capacity: from 0.5 to 200 m³/hr; Pressure: up to 11 kg/cm²; Viscosity: up to 1,00,000 cst; and Temperature: up to 110°C.



Contact:

Del Pd Pumps & Gears (P) Ltd
Plot No: 113, GIDC Estate, Wadhwan City
Surendranagar, Gujarat 363 035
☎ 02752 – 243 047, 243 678 • Fax: 02752 – 243 744
E-mail: rotodel_ad1@sancharnet.in

Nutsche Filter

Champion Filters & Process Equipments, manufacturers and exporters of machinery and equipments for pharmaceutical, Biotech, Chemical, Ayurvedic, Cosmetic and Food Beverage industries has designed a unique non-agitated type Nutsche Filter. Conventional Nutsche filters use PP/Polyester cloth, which could release fibers leading to product contamination. Champion offers cleanable, non-fiber/particle releasing sintered SS316L filter discs. This is a major advantage in applications requiring filtration of antibiotics, vitamins, etc in sterile rooms where ordinary centrifuge cannot be used and use of conventional filter cloth is ruled out. The design of Nutsche filter allows easy handling for the user without having to call the maintenance team inside the clean room, thereby saving a lot of time during loading and unloading operation. The Company's products range includes: Bag Filters, Candle Filters, Membrane Filter Holders, Plate and Frame Type Filter Press (Vertical), Tray Dryers, Vibro Sifters, Fluid Bed Dryers, Multi Mills, etc.



Contact:

Champion Filters & Process Equipments

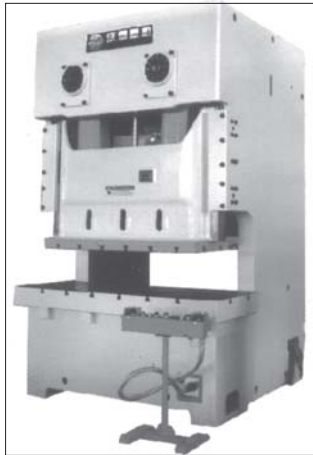
8 Riddhi Siddhi Sagar Premises, Siddhi Sagar, Chinch Pada Vasai (East), Dist. Palghar, Maharashtra 401 209

Mob: 98923 78365, 86523 32705

E-mail: championfiltersprocess@gmail.com

Gap Frame Two Point Press

Marvel Machine Tools Pvt Ltd supplies Gap Frame Two Point Press JH-25. Its capacity is from 110~315 tons. Features are: Wet Clutch; Hydraulic Overload Protection; Auto Grease Lubrication; Manual Oil Lubrication; Die Height Digital Display; Joint for Miss-feeding; Crankshaft Angle Indicator; Rotary Cam Controller; Knock-out Device; Electronic Slide Adjustment Device; PLC. The Company also offers a range of presses such as C-Frame Single Point Press, Straight Side Single Point Medium Speed Press, Straight Side Two Point Press, Straight Side Four Point Press; Toggle Type Cold Extrusion Press, Single Action, and Double Action Hydraulic Presses, Four Column Hydraulic Press; etc.



Contact:

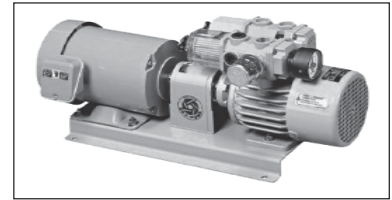
Marvel Machine Tools Pvt Ltd

304-306 Himalaya House, 79 Palton Road, Mumbai 400 001

☎ 022 - 2265 7481, 2265 7482 • E-mail: marvelmachinery.com

ORION Dry Vacuum Pump

Kumark Vacuum Systems Pvt Ltd was established in the year 2000. It started working with ORION Machinery, Japan in the year 2010 as their distributor for Industrial Dry Vacuum Pumps in India and has been offering its various products to meet industrial needs. Kumark Vacuum Systems has a very well-proven and highly rich experience of 15 years in the industry. It has been putting its efforts to continue to serve high-quality dry vacuum pumps with a diverse range of capacities. The Company offers ORION KRX Series Dry Vacuum Pumps. Features: No oil in either vacuum, blower or combination application; Quiet operation; Long life; Gauge and controller equipment standard; and Dependable and proven design. Flow Rate: 135 – 1190 L/min. Capacity: Design displacement, logic value is calculated from the cubic volume. The actual flow rate refers to the actual measurement data of performances; It is not allowable to use it at the maximum vacuum reaching point of the pump; Usable range of the degree of vacuum/blower pressure; For the intake air, use clean air of normal temperature and normal humidity whenever possible; Intake air condition: Temperature 0 to 40°C and Humidity 65% RH $\pm 20\%$; The allowable variation range of the supply voltage should be $\pm 10\%$ of rated voltage; Install an overload protector (thermal relays, etc.)



Contact:

Kumark Vacuum Systems Pvt Ltd

TC 32/1727, Sreesailam, Madathuvilakam, PO: Peroorkada Thiruvananthapuram, Kerala 695 005

☎ 0471 - 243 4798 • Mob: 93878 91774

E-mail: info@inpresvac.com

Tapered Roller Bearings

Filco Trade Centre supplies the most extensive line of tapered roller bearings from Timken. Tapered bearings consist of four interdependent components: the cone (inner ring), cup (out ring), and tapered rollers. Size: 8 mm (0.315 in) bore to 2222.5 mm (87.5 in outside diameter (OD)). Design Attributes: Available in Single, Double and four-row configurations. Custom surface geometries and coatings are available for enhanced performance. Applications: Variety of industrial applications including rolling mills, crane wheels and sheaves.



Contact:

Filco Trade Centre Pvt Ltd

11 Purneshwar Chambers

Opp: Dinesh Hall, Ashram Road

Ahmedabad, Gujarat 380 009

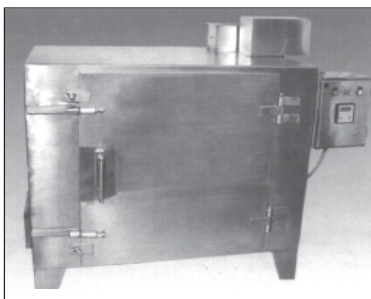
Mob: 90999 35255 • E-mail: info@filcobearing.com

Tray Dryer

Medipharma Pro Equip Manufacturing Co offers Tray Dryer. The Company manufactures a range of pharmaceutical machines caters to the requirements of various industries like pharmaceutical, chemicals, cosmetics, food and beverage. The Company is specialized in tailor made solutions. Features of Tray Dryer: GMP Model available with SS 304/SS316 internal and external; Option for electric/steam/gas heating system; Air-filter at inlet; Control panel with process time and digital temperature; Easy accessibility of impellers for cleaning and impeller suitably balanced; High effective air recirculating system by low speed fan; Sturdy trolley with castor wheel; and available in R&D and Production Models. Their whole range of products is widely appreciated for high quality and durability. Medipharma lays emphasize on the quality of the products to ensure customers a flawless range. Also, their quality controllers keep a strict vigil in each stages of manufacturing starting from sourcing raw material to the final stage of products delivery.

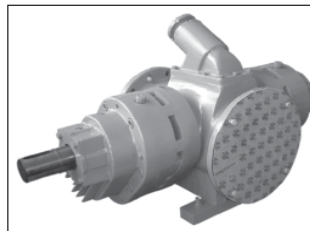
Contact:

Medipharma Pro Equip Manufacturing Company
Plot No: A-484, Road No: 24, Wagle Industrial Estate
MIDC, Thane, Maharashtra 400 604
☎ 022 – 2580 0563 • Mob: 98690 09147
E-mail: sales@medipharma.in



Rotary Triple Twin Gear Pump Type NDX Series

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



reducing the overall cost, and space. The timing gear reduces the noise level and enhances the working life of the pump. This pump out performance twin Screw pump in all aspect in this range and they are suitable for wagon decanting, cargo-unloading of various viscous liquids such as edible oils, Fuel oils, viscous chemicals, etc. Step-down Versions are also available. Type MDX comes without reduction gears whereas Type JDX comes without timing and reduction gears and Type JDB is with bush bearing suitable for molasses applications. Size: from 5" to 12" NB (Flanged to ASA 150 Class); Capacity from: 80 m³/hr to 550 m³/hr; Pressure: up to 11 kg/cm², Viscosity is up to 1,00,000 CST, and Temperature up to 110°C.

Contact:

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

Attention Readers...

*If you are a manufacturer or dealer of any industrial product,
we invite you to
send your Product write-ups for Free publication,
in about 200 words describing the product, such as
its technical specifications, special features, applications, etc,
along with a clear photograph of the product to:*

ipseditor@gmail.com or

The Editor

Industrial Products Source

Product News Publication

104, Sudama Yash, Kelkar Cross Road

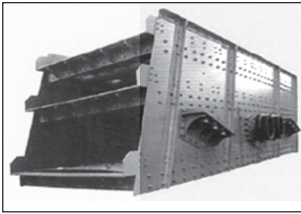
Nr: Ramkrishna Hotel, Ram Nagar, Dombivili (E), Thane 421 201

Linear Motion And Circular Motion Screens

Masyc Projects offers a wide range of Linear Motion/Circular Motion Screens which are single or multi-deck structure with a substantial rigid design. Features are: the screen body consists of two side plates with bolted transverse supports and screen mounts. The screen bar is based on an open design concept; for the linear motion screens, the drive is through direct force exciter with cardon shaft or through unbalanced motors. The angle of throw which depends on the application is usually 35-60° and is adjusted by counterweights; In circular motion screens, the drive is either direct or through cardon shaft and V-belts. The shaft, with its eccentric weights, runs in heavy-duty self-aligning roller bearing and the throw of the vibrating screen is varied by adjusting the eccentric weight; and Linear as well as circular motion screens are supported above the substructure by helical coil springs and the angle can be varied to suit the application. These screens find usage in various applications such as sand, gravel, minerals, ores, pellets, sinter, coal, etc. The company is active in bulk material handling systems and equipment segment. They have a dedicated team of highly qualified and experienced professionals.

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

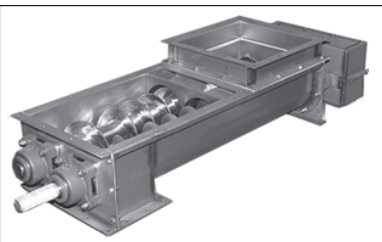


Screw Conveyors

Goldin (India) Equipment Pvt Ltd offers an exclusive range of Screw Conveyors. Known for sturdiness, simple setup and high performance, these screw conveyors are manufactured employing contemporary techniques and factory-tested components in compliance with the set norms. Available in various specifications as per the needs of users, and made available at competitive rates. Features: sturdy design; high operational fluency; and excellent functionality. Goldin (India) Equipment Pvt Ltd is recognised as one of the leading manufacturers and suppliers of agricultural machinery and equipment. Their products range consists of grain processing and cleaning plant, gravity separators and impact huller products.

Contact:

Goldin (India) Equipment Pvt Ltd
F-29, BIDC Estate, Gorwa, Vadodara, Gujarat 390 016
☎ 0265 – 228 0168 • Mob: 094260 79535
E-mail: goldin1971@gmail.com



Averaging Pitot Tube (Fluid Bar)

STAR-MECH provides economical flow measurement products based on differential pressure principle, suitable to wide range of line size, pressure and temperature applications with service like any liquid, gas or steam. The Averaging Pitot Tube (Fluid Bar) is a multi-port velocity averaging device. It accurately measures liquid, gas and steam (vapour) flows in pipes, ducts and stacks. Its installation is simple and inexpensive. Whatever the flow applications, an Averaging Pitot Tube (Fluid-Bar) offers high and long-term accuracy, low permanent pressure loss and low operating cost. Company also provides products for special applications required in the process industries. Apart from the materials mentioned any other material can be supplied on request. Products with IBR/NIBR option are also available. Specifications – Line size: 25 mm – 5000 mm (1" – 200"); Models: Flow Tap (FTL, FTM, FTH), Regular (FBR), Flanged (FBF), Steam (FSR, FSF); Sensors: 61, 73, 75, 76, 85, 86; Accuracy: ±1%; Materials: AISI 316, and others on request.

Contact:

Star-Mech Controls (India) Pvt Ltd
Sushilottam, 29/3A/3 Sasanenagar
Hadapsar, Pune, Maharashtra 411 028
☎ 020 – 2697 0440 • Mob: 83088 05380
E-mail: marketing@starmech.net



Air Filtration Solutions

Camfil is the global leader in air filtration, and supplies total air filtration solutions. The company is recognized as the number one supplier of high efficiency filtration products.



Their Products range includes: Turbo machinery filters, Compact filters (Header frame), Compact Filters (box type), Cartridge filters, Bag filters, Panel filters, etc. Camfil's Plants are ISO 9001 certified. Camfil offers Solutions for Clean Rooms; Automotive; Pharmaceutical; Airborne molecular contamination (AMC); Gas Turbine; Hospital; Indoor air quality; HVAC Systems; Dust Collector Cartridges; Dust Collectors, etc. Services offered are: Filter Validation; Filter Installation; and Filter Audit.

Contact:

Camfil Air Filtration India Pvt Ltd
62 IDC, Mehrauli Road, Gurgaon, Haryana 122 001
☎ 0124 – 487 4100 • E-mail: info.india@camfil.com

Rotary Screw Air Compressor

Pioneer Refrigeration Engg Co offers Screw Air Compressor manufactured by Roteck Equipment, Ghaziabad. Roteck screw air compressor are widely used in each industry such as oil industry, chemical, electron, garment, plastic, glass, cement, water treatment, agriculture, food, construction, joinery etc. Models available includes fixed speed screw air compressor, variable speed screw air compressor. CPM



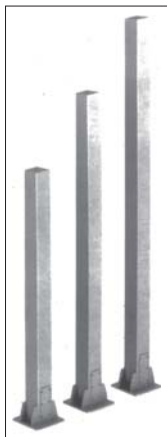
permanent magnet variable speed screw air compressor. Product power range is from 7.5 kW to 180 kW. Roteck core products meet the Nation Energy Efficiency standard. Motor connects with the air-end male rotor directly by the coupling, eliminating the need to use the gear box, this design greatly improves the transmission efficiency. Roteck Products 1:1 energy transfer direct driven screw air compressor Roteck screw air compressors are stable and reliable, with minimal vibration, offering continuous smooth compressed air to users. The compressor design temperature is according with the high (46°C) and high humidity situation, this design avoids the possibility of shutdowns caused by the high temperatures. Silent case type, low noise and low vibration. Intelligent control system, Roteck are mechanical and electrical integrated screw air compressors.

Contact:

Pioneer Refrigeration Engg Co
201 Kaveri Commercial Premises, Near Metro Station
Sakinaka, Andheri (E), Mumbai 400 072
☎ 022 – 2852 4621 • Mob: 97692 81192
E-mail: preco.engg@gmail.com

Coupling Towers

Excel Enclosures, an ISO 9001-2015 Company offers Coupling Towers KL 150 Series. These Coupling Towers provide a strong support for your application. The Towers hold and protect the industrial controllers, PCs, Operating panels, and offers a secure accommodation for all connected cables. The Company is having many tower dimensions and the RAL 7035 is the standard colour used. Dimensions: 150 x 150 (L x W) and 2.0, 2.5, or 3.0 m height; 200 x 200 (L x W) and 2.0, 2.5, or 3.0 m height.



Contact:

Excel Enclosures
Gat No: 1567, Shelar Vasti, Dehu-Alandi Road
Chikhali, Pune, Maharashtra 411 062
Mob: 98226 45948/92256 58662
E-mail: excelenclosures@mail.com

Fluid Bed Dryer

Uma Chem Pharna Machineries offers Fluid Bed Dryer, which is most suitable for drying granules, crystalline, coarse or similar material in pharmaceuticals fine chemicals, food allied industries. Its

Operation: the wet material is introduced into the dryer, batch of material in product container, which is provided with air distributor plate and Dutch mesh. Induced draft is created by the blower and fresh air is sucked into the unit, after filtrate clean air passes through the product container creating turbulence in the product and hence the product moves up and down in the product container. Due to this the heat transfer quickly and product is dried fast without appreciable loss of heat



filter bags prevent particles escaping from dryer. Heating: Electrically/steam and thermic fluid heating system. MOC: SS 304/SS 316 and as per customer requirement. Advantage: Short Drying Time; Automatic and Manual Operation; Pneumatic fully cGMP model; Provided Electrical Control Panel. Options: Customized Layout; Bowl can be provided with vacuum conveying; Flame Proof system; HMI based operator panel; OLC Operation (optional); clean in place system.

Contact:

Uma Chem Pharma Machineries
Plot No: J-115, MIDC, Tarapur, Boisar
Dist: Palghar, Maharashtra 401 506
☎ 02525 – 661 088 • Mob: 95039 50649
E-mail: hprsaduma@gmail.com

Rope Hoists

Amsak Cranes rope hoists feature high handling rates, cost-effective operation and maximum safety. As basic hoist units for integration into plant and machinery or as lifting solutions with electronic controls that are optimized for crane applications, with a wide range of rope hoists the company offers the optimum solution to meet customers' specific requirements for efficiently lifting loads weighing up to 50 tons.



Contact:

Amsak Cranes Private Limited
103 Beemanthagal, National Highways Road
Sriperumbudur, Chennai 60 105
☎ 044 – 2716 3987, 2716 3898 • Mob: 90030 38355
E-mail: sales@amsakcranes.com

Duplex Bag Filter Housing

Davey Products offers a wide range of Duplex Bag Filter Housing. Features: water treatment plants for removal of silt, scale, sand, calcium deposits and pre-filtration in RO/nano/UF plants, cooling tower installation for dust removal; industrial component cleaning machines for removal of foreign particles; paint shops for removal of fine suspended particles of paint/lacquer/primer; and used in petrochemicals industry for filtration of lube oils, fuel additives, amine solution, glycol fluids, distillation and cracking process, oil drilling and injection fluids; paper industry for removal of fine fibres; plastics and resin industry for suspended solids removal. The company established in 1993 is engaged in manufacturing and supplying wide assortment of membrane bio reactors, magnetic paper band filter, SS and high capacity ozonators, hydraulic filters, etc.

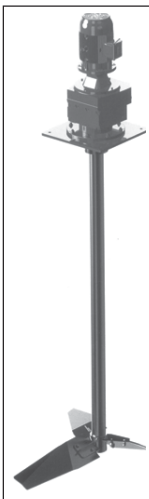


Contact:

Davey Products
C-440, North Phase, Ambattur Industrial Estate
Ambattur, Chennai 600 098
☎ 044 – 3329 0513
E-mail: svdavey@airtelmail.in

Agitator

Agitator is a very important for process industries and treatment plants. It comprises motor, gearbox, shaft and impeller, designed in a manner to serve various process requirements and serve its purpose. Ideal for both continuous and intermittent processes, this equipment has compact and modular design. KTST Engineerings agitators are extensively used in industry for high pressure as well as atmospheric application. The company provides agitator assemblies along with all necessary components like geared motor, lanterns, mechanical seals, stuffing box, blades, shafts, scrappers, etc. and when required. KTST provides quality process equipment for various industrial sectors like Food, Beverages, Distilleries, paint, chemical, pharmaceutical, fertilizer, chemical, etc.

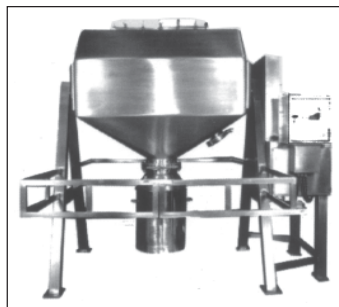


Contact:

KTST Engineers Pvt Ltd
B-4, MIDC Area, Sinnar
Dist: Nashik, Maharashtra 422 113
☎ 02551 – 230 245
E-mail: ktstengineers@gmail.com

Octagonal Blender

KPM Pharma Machineries, manufacturers of pharmaceutical and chemical machinery offers an Octagonal Blender. Features: It is suitable for dry mixing of products in granule form; Easy for loading and unloading of material; Easy in cleaning; All contact parts are made out of SS 316L or SS 316 quality material; The Octagonal shape and slow speed of rotating gives sufficient continuous movement to the granules, resulting in good quality; Simple design requires minimum maintenance; Manual rotating facility with hand wheel for inching; It is a slow speed blender and has a removable baffle mounted through a rectangular openable lid; Capacity available in 25 litres to 10000 litres. Limit switch is provided for operators' safety. The Company's products range includes: Fluid Bed Dryer, Rapid Mixer Granulator, Double Cone Blender, Multi Mill, Cone Mill, Colloidal Mill, Vibro Sifter, Tray Dryer, Mass Mixer, Ribbon Blender, Starch Paste Kettle, Roll Compactor, Inline Homogenizer, Zero Hold up Filter Press, Syrup manufacturing Plant, Ointment manufacturing Plant, etc.



Contact:

KPM Pharma Machineries
Unit No: 212, 2nd Floor, Centre Pointe
Sativali Road, Valiv Phata, Vasai East, Dist: Palghar
Maharashtra 401 208
Mob: 98333 44890, 80077 14455
E-mail: kotharikpm1@gmail.com

Sight Flow Indicator

R K Dutt Concerns offers a wide range of Sight Flow Indicator. Features are: the product offered is a sight flow indicator with larger view area, drip lip - standard for all metallic body; its features are: indicator - flapper or rotary for invisible liquids or gases; size - wide range of sizes from 15 NB to 250 NB; choice of glass - Indian - sodium silicate for 50°C to 120°C; imported - borosilicate DIN 7080 std for - 50°C to 300°C; choice of material - SS, CS, A105, A182 F, semi welded, seamless, PP, PTFE. The company manufacturing liquid level indicating, measuring and controlling instruments since 1974. It is also an authorized Siemens channel partner and provides and support their products.



Contact:

R K Dutt Concerns
Plot A, 88, Road No. 18, Neheru Nagar, Wagle Industrial Estate
Thane West, Maharashtra 400 604
☎ 022 – 6724 8787 • E-mail: pisales@rkdutt.com

Flow-Pure Series Oil Absorbent Bag Filter

Trinity Filtration's new Oil Absorbent Bag Filters are manufactured with multi-layer construction offering high dirt loading, oil absorption and low differential pressure drops.

Made with polypropylene micro-fiber these bags offer excellent chemical compatibility and a high level of filter efficiency. Trinity Oil absorbent bag filters are available in ratings of 1, 2, 5, 10, 25,



50 micron. Features and Benefits: Made from 100% pure Polypropylene micro fibers combined with other proprietary oil retaining fibers; Micron ratings from 1.0 to 50.0; 2 industry Standard sizes; Wide Chemical compatibility; Excellent oil absorbing capabilities; Long service life, high dirt holding capacity and low initial pressure drop; Easy change-out to reduce down time; Multilayered construction, high surface area; Contamination captured inside the bag, convenient handling; Bag compressibility, no waste water consumption. Applications are in: Automotive Pre-treatment PT/CED; Food and Beverage; Chemical Processing, Paints, Inks, Resins and Coatings; Electronics; Oil and Gas; Municipal Water; Industrial Water; Pulp and Paper, Pharmaceutical; Lubricants, Metalworking Fluids; Solvents; Parts Manufacturing; Parts Washing; Hydraulic Systems; Natural Gas Sweetening; Natural Gas Dehydration, Auto Coating and Paint; Water Purifications and Processing; Bulk and Fine Chemicals.

Contact:

Trinity Filtration Technologies Pvt Ltd
204, 2nd Floor, Varun Arcade 1-B, Nr: Lawkim Company
Ghodbunder Road, Thane (West) 400 610
☎ 022 – 2589 4392, 2589 4397
E-mail: sales@trinityfiltration.in

Industrial Valves

Kent Valve Pvt Ltd supplies a wide range of Valves. The range includes: Gate, Globe and Check valves – Bolted Bonnet; Gate, Globe and Check valves – Pressure Seal Gate; Globe and Check valves – Forged; Ball Valves – Floating, Floating Top Entry, Trunnions Mounted, Double Block and Bleed; Butterfly Valves – Concentric, Offset, Double Offset and Triple Offset; Dual Plate Check valves, Single Plate Check Valves; Pressure Relief valves, Self-Regulating Control Valves; Instrumentation Valves – Ball, Needle, Plug, Gate, Globe and Check; Pneumatic and Electrical actuators; Valve Automation System.

Contact:

Kent Valve Pvt Ltd
Plot No: B-85/4, Additional MIDC, Anand Nagar
Nr: ASB Company, Ambernath
Thane, Maharashtra 421 506
E-mail: sales.india@kentvalve.com

Ceramic Membranes

Industrial Products & Natural Resources Endura is a part of H & R Johnson Group, India's leading tile and bathroom solutions provider. IPNR Endura offers a wide range of Natural Resources and Industrial Products. The company is engaged in manufacturing speciality Chemicals and additives, Soluble Salts,

Ceramic Stains, Ceramic Filter Discs, Ceramic Precision Dies and Moulds, Antimicrobial Compounds, Frits, and other minerals. All of these products are developed by the expert In-house R&D team. IPNR Endura has 4 patents and has quality certification of ISO 9001 and 14001, along with OHSAS 18001 (certified for excellence in safety standards).



The Company offers Ceramic Membranes. Ceramic membranes are identified as artificial inorganic membranes, used for liquid filtration. These membranes are made from the materials like alumina, zirconia oxides, titania, silicon carbide, and others. Compared to traditional polymeric membranes, ceramic membranes offer better application and efficiency because of its resistance to aggressive media. Therefore, ceramic membranes allow separations involving acids and strong solvents. These ceramic membranes for water treatment offer other beneficial features too such as thermal stability, chemical stability, low operation cost, long life, and more. Due to this, ceramic membranes are considered the best for obtaining high-quality and high-endurance liquid filtration in industrial environments. Applications: Process and non-process water application; Grey Water Treatment; Oil Water Separation; Sewage Water Treatment; Sugar Process; Dairy Industry; and Textile Industry.

Contact:

H&R Johnson (India) - A Division of Prism Johnson Limited
Windsor, 7th Floor, CST Road, Kalina
Santacruz (East), Mumbai 400 098
☎ 022 – 2654 7300, 3064 7300
E-mail: ipnr@hrjohnsonindia.com

Office Workbench & Display Racks

Kabage Engineer India Pvt Ltd supplies Office Workbench, Display Racks, Platform Trolleys, Tool Boxes, Tool Trolleys, etc. These are manufactured by using high quality raw materials procured from trusted sources of the market.

Contact:

Kabage Engineer India Pvt Ltd
E-1 SIDCO Industrial Estate, Kurichi
Coimbatore, Tamil Nadu 641 021
Telefax: 0422 – 267 2333
E-mail: kabagece@yahoo.co.in

Rotary Distributor Valve for Rotary Transferring Machines

Rotodyne Fluid Technic offers a wide range of Rotary Distributor Valve for Rotary Transferring Machines. The features are: rotary distributor valves (RDVs) are hydraulic or pneumatic rotary joints with certain valving/logic integrated into it to achieve certain specific functionality like clamping, flushing, etc. based on the relative angular position of the rotating housing with reference to the non-rotating center shaft; RDVs find application in rotary transfer machining systems using rotary indexing tables, where each operating station has machining fixtures with clamping/locating mechanisms which are to be operated by hydraulics/pneumatics, in the other stations; the valve operates in such a way that the actuators on the workstation fixture, which comes to the loading/unloading position will automatically get connected to a suitable direction control valve through RDV enabling the operator to manually unclamp, remove the finished job and load the new job and clamp; the Jobs will remain clamped in the other working stations, till the specific fixture returns to the Loading/unloading position; customised designs of rotary joints are also offered and can handle upto: operating pressure of 400 Bar; speed: 3000 RPM; Number of passages: 30. Rotodyne designs and manufactures rotary joints for various sectors like machine tooling, earthmoving, construction, hydropower, and defence. It also manufactures hydraulic rotary actuators and hydraulic orbital motors, and is the only indigenous manufacturer of gerotor type low speed, high torque hydraulic motors as well as zero backlash vane type rotary actuators in India.



Contact:

Rotodyne Fluid Technic
24 Udupa Gardens, 4th Cross, Jalahalli West
Jalahalli Cross, SM Road, Opp: Vaishnavi Gardenia
Bengaluru, Karnataka 560 015
☎ 080 – 2839 6831 • E-mail: info@tornadofluidpower.com

Hot Runner Temperature Controllers

Adroit Control Engineers offers Hot Runner Temperature Controllers. Temperature control is critically important to the overall injection molding process, especially when using hot runner systems. It affects all molding variables – flow, pressure, time and of course temperature. The Company offers both modular system and integrated system to manage all zones as complete systems.

Contact:

Adroit Control Engineers Pvt Ltd
A-105, DDA Complex, Okhla Industrial Area
Phase-II, New Delhi 110 020
☎ 011 – 4760 0700 • E-mail: sales@adroitcontrol.com

Sintered Porous Plastic Filters

Satkirti Filter Technologies manufactures Sintered Porous Plastic Filters. The Sintered Porous Plastic Filters have outstanding elasticity; high physical strength and lightweight thus making it easy to handle for maximum filtration rate. Compared to other filters these filters are easier to handle due to their lightweight and better corrosion resistance. Can be easily installed on pneumatic equipment, thus is the filters are known to be the best Pneumatic filters in India. Satkirti filters use the most advanced technology for the sintering process to make stable pore size elements. Available in various sizes, up to 1 m L as per the client's requirement are offered. Provides a filtration Levels: 1 to 100 microns. Applications: Industrial house air purification, Sanitary house air purification, Pneumatic Equipment, Air Filtration, Separation of liquids from gases, Drying and moistening of gases, Oxygen and Nitrogen Plants; and industries like Pneumatics, Automation, and Cement.



Contact:

Satkirti Filter Technologies Pvt Ltd
S No: 78/1, 3 Dangat (Shantiban) Industrial Area
Nr. Hindustan Bakery, Shivane, Pune, Maharashtra 411 023
Mob: 96991 32152, 90214 26652
E-mail: sales@satkirtifiltertech.com

Submersible Portable Pumps, PST Series

MBH Pumps (Gujarat) offers PST Series Submersible Portable Pumps, also known as cutter pumps, these pumps are fully foldable, vertical, closed coupled single stage submersible motor pumps.

These pumps are your solution for critical applications. Technical Specifications – Head: 32 metres; Capacity: 170 m³/hr; HP: 0.5 to 10; RPM: 2900/3550; MOC: Cast Iron, Aluminium, Stainless Steel; Frequency: 50/60 Hz. Uses: Automatic dewatering of Pits; Yards and basements subjected to flood risk;



Portable applications. The Company's products range includes: Centrifugal Self Priming Pumps, H₂O Series Centrifugal End Suction Pumps, Ni-HARD Series Submersible Slurry Pumps, DC Series Submersible Dewatering Pumps; Monoblock Pumps, etc.

Contact:

MBH Pumps (Gujarat) Pvt Ltd
Plot No: 14, GIDC Indl Estyate, Naroda
Ahmedabad, Gujarat 382 330
☎ 079 – 2282 3066, 2282 1018
E-mail: marketing@mbhpumps.com

Sealless Magnetic Drive Chemical Pump

Machbow Products manufactures various models of magnetic pumps which are suitable for proper pumping of corrosive and toxic chemicals. These pumps are very special because they do not use any conventional standard seal type arrangements. Machbow magnetic pumps are sealless, therefore offering 100% leak proof, low maintenance, easy to repair, low power consumption and simple pump design with wide spectrum of application and benefits. Features include: corrosion resistance; user-friendly; simple reliable and sturdy monoblock; no shaft seal to wear or replace; friction free operation for reduced power consumption; design long life, reliable and trouble free operation. These pumps find use in chemical, dye bath, pharmaceutical; textile processing and dying house, food processing industries; display devices; laboratory equipment; spark erosion machines; metal finishing machines; filtration units; etching machines; TV tube processing; general laboratories; gas analyzers; ultrasonic cleaners; coolant pumping for laser systems; pure water treatment plants; solar heating systems; galvanizing/anodizing plating plants; pure water plants; IC photoengraving processing/PCB plants; pilot plants; agitation descaling of refrigeration; dairy boilers; air condition units; silver recovery system; heat exchangers; water processors; fountains; liquid circulation and liquid dispensing; X-ray film/x-ray plants; colour photo processors; etc.



Contact:

Machbow Products

33 First Floor, Suyog Industrial Estate, LBS Marg

Opp: Vitrum Glass Factory

Vikhroli West, Mumbai 400 083

☎ 022 – 2578 4069 • E-mail: machbow@gmail.com

Welded Type Cylinders

Fluidics Engineers Pvt Ltd offers Welded Type Cylinders. They are rugged and reliable cylinders due to their welded design and threaded cap. This type of cylinders are usually had a narrow body and often a shorter overall length and can be offered with long strokes. Specifications – Rated Pressure: 210 kg/cm²; Cylinder Bore Diameter up to 400 mm; Strokes up to 5000 mm; Temperature range: -20°C to 90°C (Optional sealing systems for temperatures up to 180°C).



Contact:

Fluidics Engineers Pvt. Ltd

468 Ponnaiyan Street, Crosscut Road, Gandhipuram

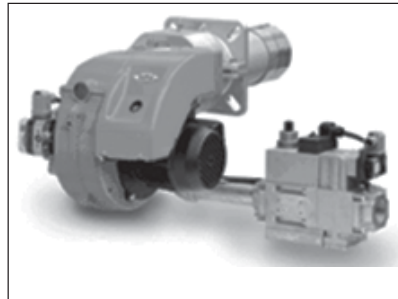
Coimbatore, Tamil Nadu 641 012

Telefax: 0422 – 223 6914, 223 2920

E-mail: fluidics@fluidsmith.com

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

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



Contact:

Nirmal Energy Limited

C/U/14-16 Swatang Complex, Jodhpur Village Road

Satellite, Ahmedabad, Gujarat 380 015

☎ 079 – 2692 3170 • Fax: 079 – 2692 3469

E-mail: info@nirmalenergy.com

Flame Retardant & Smoke Suppressant Chemicals FAM-501

Niknam Chemicals (P) Ltd supplies FAM-501, a one pack Flame Retardant and Smoke Suppressant developed for Plasticized PVC applications. It is an Aluminium and Magnesium inorganic complex synergist treated with dispersing aids, which results in the superior dispersion, process ability and compatibility of FAM-501 with the polymer hence imparting superior flame retardant and smoke suppressant properties as compared to the other traditional synergists especially in PVC. Synergism of FAM-501 has also been reported along with high dosage of ATH in FRLS PVC Formulations. Typical Specifications – Properties – Appearance: White Powder; Moisture: 0.20% (max); Bulk density: 0.40-0.45 g/cc; Average particle size: 1-1.5 microns; Sieve residue (at 325 mesh): 0.01% (max).

Contact:

Niknam Chemicals

311 III Floor, J Block Community Center

Ansal Classic Tower, Rajouri Garden

New Delhi 110 027

☎ 011 – 2510 311 • Mob: 98111 22226

E-mail: niknamchemicals@vsnl.com

Reciprocating Piston Pump & Booster Vacuum Pumping Systems

Everest offers Piston Pump - Booster combination systems with high pumping volume at low operating pressures. This is typically done when a high capacity dry rotary lobe vacuum booster is matched to a smaller reciprocating piston vacuum pump for continuous operation. Features: Extremely sturdy systems – no maintenance; Flexible options for customization – Inlet filters (for Drying/Powder applications); Post condensers with receivers; Automation and instrumentation; Electric control panels with variable frequency drives; Standard and Flame proof Type, varying electrical motors; Skid mounted system with interconnecting piping and valves. Dry reciprocating Piston Pumps offer individual vacuum ranging between 10-25 mbar in single and double stage configurations. Dry reciprocating Piston Pumps are 100% free of oil, water and steam. Uses are in various industries like Waste Oil re-refining, Glycerin Distillation, Biodiesel Distillation, Chemical Industrial Processes, etc.



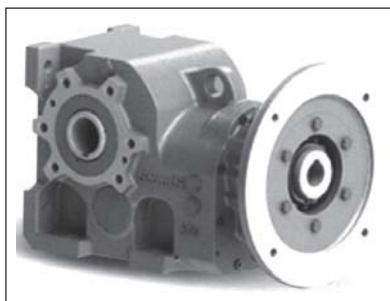
Contact:

Everest Pressure & Vacuum Systems
B-44, Mayapuri Industrial Area, Phase-1
New Delhi 110 064

☎ 011 – 4545 7777 • E-mail: enquiry@everestblowers.com

Helical Bevel K Series Geared Motor

Shanthi Gears offers Helical Bevel K Series Geared Motor. Features: Optimized design and reliability; Higher torque capacity; Higher efficiency; Smoother shape and superior aesthetics; Ease of maintenance; Available in solid and hollow input/output options; Universal mounting of gear units (6 options); Standardized casing for flange/foot/face mounting, offering more mounting options in same product; Input side flange suits B Type motor flanges as per IEC standard; Can be provided with or without motor. Applications: Stacker Reclaimers, Conveyors, Mobile Crushers, and Automated Parking Lots.

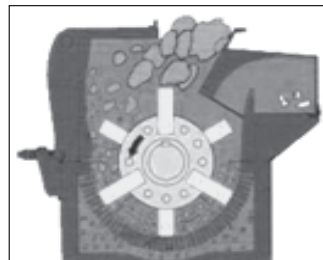


Contact:

Shanthi Gears Limited
C-Unit, Avinashi Road, Muthugounden Pudur PO
Coimbatore, Tamil Nadu 641 406
☎ 0422 – 454 5745
E-mail: info@shanthigears.murugappa.com

Non-Reversible Hammer Crusher

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, 5745 • E-mail: masyc@masycproject.com

MSP Series Pumps in SS Construction

Mody Pumps (India) Pvt Ltd offers MSP pumps, which are now also available in stainless steel material for corrosive and abrasive applications. The pump series is capable of handling contaminated fluids with a 2-10 pH range; typical at power plants, mines, food processing and paper and pulp industries. The current HP range is from 2.5 to 220 HP (1.8 kW to 170 kW) 60/50 Hz.

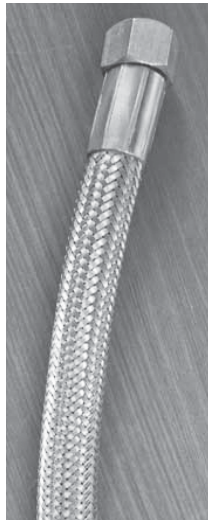


Contact:

Mody Pumps (India) Pvt Ltd
N-65, Anand Nagar, Additional MIDC, Ambarnath East
Dist: Thane, Maharashtra 421 506
Mob: 91687 52221 • E-mail: indiasales@modypump.com

Hoses for Machine Tools and Cleaning

Cee Dee Industries offers a wide range of Hoses for Machine Tools and Cleaning. The features are: use specially outer covered hydraulic hose for stringent abrasive application. These hoses can be used to immerse the rubber hose in oil tanks; where traditional rubber hose outer cover is not suitable for oils over cover makes it possible; for cleaning offer water blast hoses for 1000 bar working pressure; and it is available up to ID 2" - 50 mm. The company has been offering high quality Hose Fittings, Hoses, and Hose Assemblies to its customers. Since 1983, they have been a manufacturer, supplier, and exporter of low-pressure pipes, Hydraulic Hoses, Flexible Hoses, Stainless Steel Corrugated Hoses, PTFE interlocking hoses, Silicon hoses, and heavy-duty hoses. In addition to these products, they also offer SS Hose Fittings, CS Hose Fittings, Brass Hose Fittings, Silicon Coated Hose pipes, Hydraulic Hose assemblies, and much more.



Contact:

Cee Dee Industries
H-30/2, Govindpura Industrial Area
Bhopal, Madhya Pradesh 462 023
☎ 0755 – 258 6853 • Fax: 0755 – 258 6892
E-mail: ceedee@cdhose.com

Metal Dust Collector

Hindustan Engineers offers Metal Dust Collector. The features are: this collector is equipped with motor, tank and pulley; also, it is manufactured according to the industry standards that involving ultra max II 695/795/1095/1595; furthermore, zero dead-band at lower dusting pressures makes this line of collector ideal for fine finish collection; apart from it, this collector is built using stainless steel cylinder, and proven design and rugged construction; micro processing control; dimensionally accurate thickness spray; high capacity and performance; used for fertilizer processing; chemical companies; construction industry. The company is engaged in manufacturing and supplying environmental control and solid handling systems.



Contact:

Hindustan Engineers
T-140, SIDCO Women's Industrial Estate
Kattur, Chennai 600 062
☎ 044 – 2594 1188 • Mob: 98844 80707, 95000 71919
E-mail: hindustanengineers@gmail.com

Industrial Flow Conveyor Chain

Tripcon Engineering offers Industrial Flow Conveyor Chain. The features are: they are one of the reputed organization engaged in offering high quality industrial flow conveyor chain to the customers; other range of conveyor chains is widely used in several industries and sectors to cater to the specific needs in the best possible manner; their professionals make sure to fabricate these products in compliance with the international quality standards; its features include: available in a variety of pitches and loads. It gives these chains a high level of strength, durability, and optimum output to the equipment; available in a variety of steel grades, which helps the user use it in a variety of applications. The company, established in 1991, an ISO 9001:2008 certified company, is engaged in manufacturing, supplying, and exporting a wide range of industrial chains. The products comply with standard bodies, which include BSS, ASA, and Russian quality standards.



Contact:

Tripcon Engineering Pvt Ltd
B23, Plot No.1115, Vitthal Udyognagar
GIDC Road, VU Nagar, Phase -IV, GIDC
Anand, Gujarat 388 121
Mob: 98250 89070, 83475 56104
E-mail: response@elevatorchains.com

Eye Bolts

Stellas Equipments Private Limited offers lifting solutions for every challenge. Their Swivel Eye Bolts are available in Gr 8 and Gr 10 (sizes up to M100) with a capacity of 55 t; Fixed Collar Eye Bolts as per DIN 580/IS 4190 is also available. Other lifting products offered by the company are: Permanent lifting magnets available from 125 kg up to 2000 kg; Horizontal clamps (up to 15 t). Vertical clamps (up to 30 t), and various screw clamps and drum lifting clamps; Electric and Manual Chain Hoists; and Chain Slings.



Contact:

Stellas Equipments Private Limited
New No: 200, Old No: 102, Prakasam Salai
Broadway, Chennai 600 108
☎ 044 – 2523 2126, 2523 4402
E-mail: stellascennai.sales@gmail.com



International Machine Tools Fair IMTOF 2024

India's Largest International Machine Tools Exhibition is being held from 18 to 22 April 2024 at Chennai Trade Centre, Mount Poonamallee Road, Nandambakkam, Chennai, Tamil Nadu 600 089, India.

Madras Machine Tools Manufacturers Association (MMTMA) has been in the forefront in promoting the machine tools industry and in presenting the latest in machine tools technology from all over the world on one platform through its largest biennial event, IMTOF 2024. The event will focus on the latest in machine tools technology available in different parts of the world.

Covers all types of Machine Tools & Components:

- CNC Machines
- CNC & PLC Controls
- Cutting Tools and Accessories
- Special Purpose Machines
- Pneumatics
- Hydraulics
- Industrial Robotics & Automation
- Instrumentation
- Machinery & Machine Tools
- Welding
- Material Handling Systems
- Energy Saving Solutions
- Sheet Metal Press
- Laser Cutting
- Cleaning Systems
- Cold Forging Machines
- Co-ordinate Measuring Machines
- Control Devices
- Power Tools
- Testing & Measurement Equipment
- 3D Printing
- Laser Cutting
- Laser Marking
- Related IT & Consultancy Services

Exhibition Space booking is facilitated through online.
Visit: imtof.in

Technical Sessions:

Technical Sessions, Seminars, Product Presentations will be organized concurrent with the Show.

Contact:

Madras Machine Tools Manufacturers Association
No: 1, Muthu Naicken Street, 3rd Floor
Broadway, Chennai 600 001
☎ 72009 70883 / 72009 76882
E-mail: info@mmtma.in
Web: www.imtof.in

Special Section - March 2024
Cables, Connectors, Wires,
Control Panels, Transformers,
Switchgears & Welding Equipment



Die Mould India 2024 Sets the Stage for Innovation and Collaboration

The highly anticipated Die & Mould India Exhibition commenced on February 14, 2024, at the Bombay Exhibition Centre in Goregaon, Mumbai. Hosted by the Tool & Gauge Manufacturers Association of India (TAGMA), a premier platform for the die and mould industry, the four-day event promises to showcase various technological developments for the booming die and mould industry.



It highlights the opportunities and challenges and provides a platform for toolmakers to learn from the user industry. The exhibition's inauguration ceremony was graced by esteemed guests – Guest of Honour Mr Sachin Kulkarni, Executive Director - Corporate Procurement & Member of Board, Skoda Auto Volkswagen India Pvt Ltd, and Mr Jim Walsh, Vice President - Tooling, Tata Electronics, joined by Mr D M Sheregar, President of TAGMA India, and Mr D Shanmugasundaram, Vice President of TAGMA India, alongside other dignitaries. The ceremonial lighting of the lamp by the esteemed guests marked the auspicious beginning of the exhibition.

Addressing the audience Extending a heartfelt welcome to everyone present at the inauguration ceremony, Mr Sheregar said: “As we gather here today, it is important to reflect on the current state of the Indian tooling industry and the opportunities that lie ahead. Over the past two years, the Indian toolmaking sector has witnessed remarkable growth and achievements. According to the recently released Indian tooling report, the estimated

market size of the Indian tooling industry stands at approximately INR 23,600 crore, underscoring the immense potential of our industry. However, there is still considerable room for improvement, particularly when considering that around 34% of the tooling demand is currently met through imports. It is imperative that we collectively target these areas for improvement and work towards reducing our dependence on imports.”

Mr Sheregar also acknowledged the crucial role initiatives aimed at promoting indigenous manufacturing and fostering innovation will play in driving the growth and competitiveness of the industry. He called upon OEMs to collaborate with TAGMA in building a more robust and competitive tooling ecosystem in India.

Mr Kulkarni highlighted India's remarkable economic growth, crediting the government's significant progress towards sustainable development. Emphasising the need for sustainable self-reliance, he underscored the Indian auto industry's substantial 7% contribution to the nation's GDP. Commending the resilience of the supply chain industry, Mr Kulkarni celebrated its growth from 2.3 million before Covid to an impressive 4.1 million, with a projected rise to 6-6.5 million by 2030. He attributed this success to the expanding middle class and easy access to finance, propelling the Indian auto industry to become the third-largest globally. As a global OEM, Mr Kulkarni emphasized the expectations



from the tooling industry: quality and commitment. In closing, he expressed “the need for continued support from the tooling fraternity, acknowledging their pivotal role in sustaining and advancing India's automotive growth story”.

Mr Walsh shed light on India's matured automotive sector and the burgeoning electronic sector, emphasising the need for a focused approach. He said: “India's Electronic Manufacturing Services (EMS) industry is growing rapidly and the companies are on the lookout for vendors. The geopolitical shifts are driving EMS to Southeast Asia and India. The world is looking towards India with hope. Companies moving their operations to India have four key expectations – speed, accuracy, innovation, and ca-



EXHIBITIONS • FAIRS • SEMINARS



capacity. Sadly, Indian toolmakers are still unprepared to cater to the kinds of demands they have. I urge Indian toolmakers to rise to the occasion and focus on skill development for their employees, enhance the capacity of their shop floor, focus on manufacturing accuracy and meet delivery timelines, among other aspects. India needs to seize the opportunity and bridge the existing gap.” Mr Shanmugasundaram delved into some of the trends shaping the industry. He said: “The tooling industry is diver-

sifying beyond the automotive sector into emerging industries such as toy making, consumer durables, and aerospace, defence, and space. These sectors present lucrative opportunities for expansion and risk mitigation. The pandemic highlighted the importance of digital solutions, leading tooling companies to adopt advanced technologies for enhanced efficiency and productivity. Besides, with global customers demanding high precision and fast turnaround, the adoption of cutting-edge technologies is imperative for Indian companies to remain competitive. Also, to meet the evolving customer demands, continuous skill development is essential for tooling professionals to stay updated with the latest technologies and practices.”

He urged: “Together, let us navigate these trends, capitalise on opportunities, and collectively contribute to the growth and evolution of the tooling industry in India.”

The 2024 edition of the Die & Mould India exhibition featured over 300 exhibitors spanning 25,000 square metres and representing 12+ countries. Each exhibitor showcased the latest advancements in the tooling industry. With expectations of attracting over 35,000 visitors throughout the four-day event, Die Mould India 2024 promises to be a significant gathering for industry professionals. Visit: www.tagmaindia.org

Indo-German Chamber of Commerce and ACHEMA Bring together Business Leaders for Catalysts of Change in Process Industries

The Indo-German Chamber of Commerce, in collaboration with ACHEMA, successfully completed the landmark event, ‘Catalysts of Change: Navigating Industrial Growth and Sustainable Development’. Held at The President in Mumbai on January 30, 2024, this event served as a pivotal prelude to the globally acclaimed ACHEMA 2024, a leading forum and platform for the process industries scheduled for June 2024 in Frankfurt, Germany.

The Catalysts of Change event, focusing on the process industries of Pharma and Chemical, witnessed the convergence of prominent personalities from the sectors, creating a platform for insightful discussions, collaborative initiatives, and networking opportunities. The event kicked-off with a welcome address by Ute Brockmann, the Deputy Director General of Indo-German Chamber of Commerce followed by a session on Indo-German relations by Achim Fabig, the Consul General of the Federal Republic of Germany in Mumbai. Post which,

Abhay V. Udeshi, Chairman, Jayant Agro Group and Samir Shah, Director, Ciron Drugs and Pharmaceutical led in-



Session by Achim Fabig, the Consul General of the Federal Republic of Germany at event by Indo-German Chamber of Commerce and ACHEMA – Catalysts of Change.



EXHIBITIONS • FAIRS • SEMINARS

sightful sessions on the Chemical and Pharma industries, respectively. This was followed by a glimpse into ACHEMA 2024, and what attendees can expect, by Andreas Konert, Head of Business Development and Sales, DECHEMA Exhibitions, and a sneak peak of the upcoming



Speakers at Event – Catalysts of Change Navigating Industrial Growth and Sustainable Development by Indo-German Chamber of Commerce and ACHEMA.

ing Process Innovation Asia Pacific by Suman Bhowmick, India Portfolio Director of Constellar Exhibitions.

Attendees, including the esteemed speakers, actively engaged in exploring the critical theme of 'Navigating Industrial Growth and Sustainable Development in process industries within the Indian landscape'. The event addressed industry-specific challenges and opportunities, providing attendees with tailored insights.

The event also highlighted ACHEMA's role as a world-leading platform for the process industry, emphasising its capacity to inspire strong connections between experts, decision-makers, and solution providers. As a run-up to ACHEMA 2024, the Mumbai session not only showcased the global significance of the event but also shed light on its specific relevance to the Indian context.

Andreas Konert, Head of Business Development and Sales, DECHEMA Exhibitions said, "Catalysts of Change

has proven to be a catalyst for meaningful discussions and collaborations within the process industries. As we gear up for ACHEMA 2024, these events play a crucial role in paving the way for sustainable growth and development in the global process industry landscape."

"The success of Catalysts of Change underscores the commitment of the Indo-German Chamber of Commerce and ACHEMA to promote sustainable development within the Indian process industries. As the industry prepares for ACHEMA 2024 in Frankfurt, Germany, the insights gained from this event will undoubtedly contribute to shaping the future of the process industry on a global scale", Ute Brockmann, the Deputy Director General of Indo-German Chamber of Commerce added.

ACHEMA is a global platform that brings together leading companies from the process industries. The event is scheduled between 10 and 14 June 2024 at Frankfurt am Main in Germany.

About ACHEMA

ACHEMA is the world forum for chemical engineering, process engineering and biotechnology. The world's leading show for the process industry takes place every three years in Frankfurt. The spectrum ranges from laboratory equipment, pumps and analytical devices to packaging machinery, boilers and stirrers to safety technology, materials and software, thus covering all the needs of the chemical, pharmaceutical and food production industries. The accompanying congress, featuring scientific lectures and numerous guest and partner events, complements the wide range of exhibition themes. More at: www.achema.de/en

About the Indo-German Chamber of Commerce

Incorporated in 1956, the Indo-German Chamber of Commerce or AHK Indien is the primary contact for Indian and German Companies who want to do business with each other. It fosters economic relations between India and Germany, facilitating business partnerships, knowledge exchange, and collaborative initiatives across various industries. Find more information: <https://indien.ahk.de/>

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Design, Manufacturing and Inspection of E-Drive Gears (E-Drive Days - March 11-14, 2024)

Join Gleason's special online event to learn about design, manufacturing and inspection of e-drive gears. This 4-day event features one topic per day, addressing the specific requirements and challenges of e-drive transmission design, manufacture and inspection, with particular attention to minimizing gear noise. The E-Drive Days are an excellent opportunity for newcomers and experts alike.

High rpm's, reversal of load direction, low vibration excitation, high contact ratios, deformed housings ... the design, optimization and service life calculation of gears for e-drives is a world of its own. Experience how individual requirements can be covered by the choice and variation of gear geometry, modifications and manufacturing deviations, and learn about the specifics of strength calculation in case of frequent changes in torque direction with torque-time series measured from test rigs. In addition, the calculation of noise excitation within the drive train is important for NVH analysis and optimization of the gearbox. KISSsoft results will be shared to the multi-body simulation program RecurDyn to facilitate a system response of the housing in form of an airborne sound as a base for further optimization.

E-drive transmissions are different from conventional transmissions, creating new challenges for manufacturing technologies and processes. The 2nd day of the E-Drive Days showcases processes for soft machining and hard finishing of typical e-drive transmission gears. Featured processes include hobbing, chamfer cutting, shaping, Power Skiving, threaded wheel grinding and gear honing. Specific technology updates will be presented for Hard Power Skiving of internal gears, Polish Grinding and Combi Honing.

On day 3, gear metrology experts explain latest hard- and software solutions for accurate measurement and analysis of gear noise. Gear noise can arise from various sources such as manufacturing inconsistencies, tooth surface irregularities, meshing conditions, and load distribution. Understanding these sources is crucial for effectively tackling and mitigating gear noise in different applications. Attendees will gain insights into the latest software tools that aid in gear noise analysis. In addition, the webinar will showcase advanced hardware for 100% gear

inspection in the production flow, enabling precise and real-time measurements for accurate analysis and diagnosis of gear noise, as well as continuous quality monitoring and process surveillance.

Differential gears in e-drive transmissions face significantly higher stress compared to conventional, combustion engine applications. Day 4 of the E-Drive Days features the new Coniflex® Pro design and manufacturing system, ideally suited to accommodate such needs for stronger, quieter, and more reliable e-drive differentials in

high volumes for automotive, truck, bus and off-highway transmissions. Coniflex Pro is part of Gleason's GEMS® design software suite featuring state-of-the-art FEA analysis tools for a sophisticated strength analysis of gears. In combination with the Coniflex Plus carbide cutters, Coniflex Pro provides great productivity in a closed loop production environment.

To make it easy for participants to join, based on region and schedule, each day of the E-Drive Days features 3 sessions. Participants may choose the session that fits their schedule best. Each session is limited to 1 hour, including a Q&A part.

More information and registration at:
www.gleason.com/edd24.

Gleason is a global leader in gear technology. Gleason's "Total Gear Solutions" range from gear and transmission design software to the development and production of gear manufacturing machines and related accessories, gear metrology equipment and automation systems. Gleason products are used by customers in the automotive, commercial vehicle, aerospace, agricultural, mining, energy, construction, power tool, marine and many other industrial equipment markets. Gleason has manufacturing facilities in the U.S., Brazil, Germany, Switzerland, India, China and Japan, and operates sales and service offices in North and South America, Europe and Asia Pacific.

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PARTS FINISHING – New Trade Fair for Quality Finishing in Parts Production

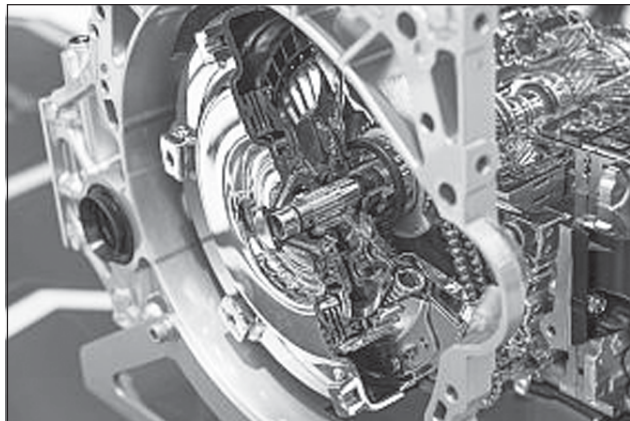
The demands and challenges associated with industrial parts production have changed significantly in recent years. The PARTS FINISHING trade fair, which will be held for the first time at the Karlsruhe Exhibition Centre (Germany) on the 13th and 14th November 2024, addresses the changing needs of the manufacturing industries which have resulted from this situation. The new format features a comprehensive focus on the production steps of deburring, component cleaning and surface finishing – from standalone processes right on up to networked production lines.

In order to be competitive in growth markets, companies are required to be more flexible and agile, and to focus more sharply on process sequences and value chains. At the same time, industrial production has to fulfil ever-increasing demands in terms of component quality, cost-effectiveness and sustainability. “This leads to a steadily growing need for information and knowledge in manufacturing companies. Technical trade fairs play an important role in this regard. However, the focus of the respective exhibitions has thus far been limited to a great extent to individual production steps, which means that several trade fair visits are required to obtain comprehensive information, which is becoming increasingly difficult in times of personnel shortages and cost efficiency,” says Hartmut Herdin, managing director of private trade fair promoters fairXperts GmbH & Co. KG. “PARTS FINISHING has been specifically developed to provide suppliers and users of solutions for deburring, component cleaning and surface finishing with an ideal platform.”

Suppliers from the quality-relevant fields of deburring technologies, industrial cleaning technology and surface finishing will present their spectrum of solutions at the new event. Beyond this, attention will be focused on trends and innovations for automation, the digital transformation, process networking and improving resource efficiency in these production steps. And thus the trade fair with integrated expert forum is a unique platform for companies, experts and research institutions who want to showcase innovative solutions and technologies, exchange knowledge and experience, and discuss industrial trends.

Distinct Advantages for Exhibitors and Visitors

The innovative concept offers numerous advantages: exhibitors can significantly reduce costs and the allocation of resources thanks to the compact two-day event. Premium exhibition booth concepts and fixed costs minimise



The new PARTS FINISHING trade fair presents solutions for the quality-relevant production steps of deburring, industrial cleaning technology and surface finishing – from standalone processes right on up to interlinked production lines – in a compact, two-day event.

preparation expenses and increase the profitability of trade fair participation. The event concept also promotes the establishment of strategic partnerships and the development of joint projects amongst exhibitors.

Visitors to PARTS FINISHING will benefit from a comprehensive overview of the state of the art, current developments and trends, as well as practice-orientated presentations held at the expert forum. This makes it possible for visitors to find targeted solutions for individual challenges in order to optimise processes or adapt their range of products and services to changing requirements. PARTS FINISHING is thus not only leaner, shorter and more cost-effective than conventional trade fairs, it's also more appealing and efficient – a highly promising format for everyone involved.

As the initiator and organiser of PARTS FINISHING, fairXperts is specialised in the promotion of technical trade fairs and conventions. The company from the southern German town of Neuffen possesses extensive technical expertise and know-how in the fields of deburring, component cleaning and surface finishing, and is distinguished by its conceptual and organisational strength, enabling exhibitors to participate in the trade fair economically, effectively and with strong contacts.

For further information, please contact:

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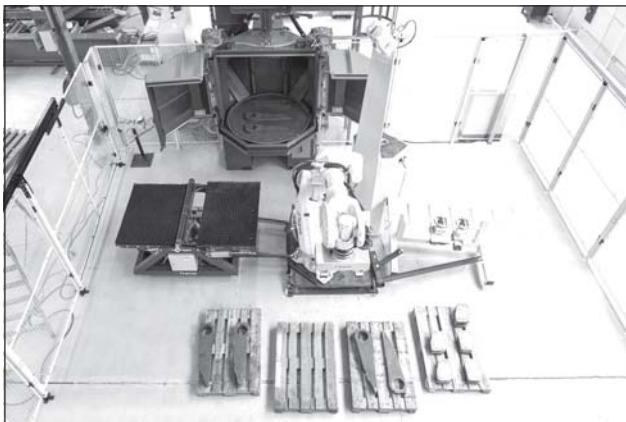
Easy Shotblaster – the RDT 150 rotary table blast machine with innovative vision technology

Automatic loading and blast cleaning of sheet metal components without “teaching” requirement

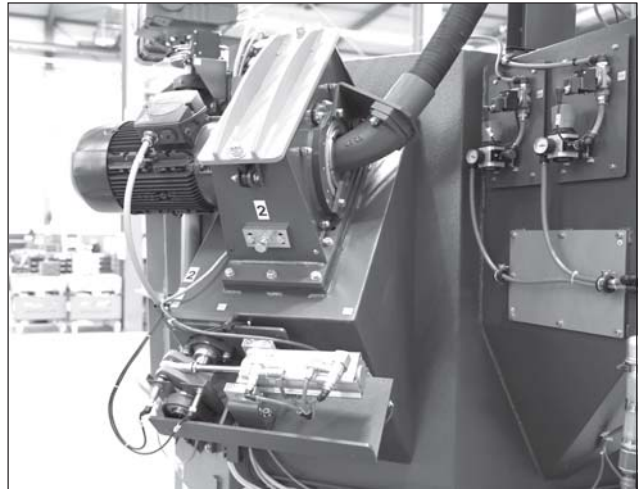
When the OTTOSTAHL GmbH had to replace an old rotary table shot blast machine, the company insisted on short cycle times, high energy efficiency and relieving the personnel from strenuous and monotonous physical activities. These challenging demands were met by Rösler and the automation specialist Teqram with the universally usable rotary table Easy Shotblaster RDT 150, equipped with a stationary “intelligent” robot. This robot places the work pieces on the rotary table in a manner that optimally utilizes the entire table area without requiring any “teaching” operation.

OTTOSTAHL in Magdeburg produces up to 30 mm thick, highly precise plasma-cut and up to 300 mm thick flame-cut components. The company’s service portfolio includes the customized production of the components with CAD technology and detailed work plans for the respective manufacturing method. Furthermore, post-processing operations such as shot blasting, drilling, mechanical chamfering as well as arranging material testing through independent external material testing offices are also offered by the company. An inventory of 4,000 tons of different steel grades and qualities, combined with a proven supplier and partner network, guarantees quick and reliable order processing.

A major factor for the investment - the shortage of skilled workers!



The manufacturing cell with a size of eight-by-eight meters consists of an intelligent stationary robot and a Rösler rotary table RDT 150 shot blast machine equipped with two high performance turbines



Two high performance Gamma 300G turbines with Y-shaped throwing blades ensure short blast cycles and energy-saving operation.

In its shot blasting department for sheet metal components the company is utilizing three machines (two continuous flow roller conveyor machines with an operating width of 3,800 mm and a rotary table blast machine). After it had been used for more than 60 years, the old rotary table blast machine was replaced by a RDT 150 system from Rösler. Key customer demands for the new system were the achievement of the specified shot blast results for a broad range of different components, short cycle times and high energy efficiency of the entire system. Since it is very difficult to find qualified workers in Magdeburg, the company also demanded that the existing personnel be relieved from strenuous physical activities. Therefore, the fully automatic mechanical handling of the components was also a key requirement. Based on these specifications Rösler and Teqram developed a fully automatic shot blasting solution around the Easy Shotblaster RDT 150 rotary table machine. The entire blast system is integrated into a manufacturing cell measuring eight-by-eight meters and consists of an intelligent stationary robot and the RDT 150 shot blast machine equipped with suitable accessories.

Robot recognizes the components without the requirement for “teaching”

With its innovative image processing technology the vi-

sion-controlled robot, with a load capacity of up to 200 kg, automatically recognizes the components placed into its working section, completely independent from their position on the pallet. This eliminates the normally required time-consuming teaching or programming of the robot. Moreover, with the intuitive interface no special knowledge is required.

After the automatic selection of a suitable gripper from the gripper magazine the robot picks up the components and places them on the rotary table in optimum position. Then it provides component data to the machine controls for selecting a suitable processing program. After half of the cycle time is over, the robot automatically turns the components on the rotary table to blast the other side. After the blast process is complete, the robot returns the finished work pieces to the pallet

Versatile rotary table blast machine with two turbines guarantees fast and efficient processing

The rotary table blast machine RDT 150 allows the blast cleaning of work pieces with different sizes and shapes. The table has a diameter of 1,500 mm and a load bearing capacity of 500 kg. To ensure the required short cycle times the machine is equipped with two Gamma 300G turbines, each with an installed power of 11 kW. Compared to conventional turbines, the Rösler Gamma turbines with their curved throwing blades in Y-design generate an up to 20 % higher blast performance. At the same time they consume a lot less energy. The bulkheads mounted in front of the turbines also help reduce the cycle times and energy consumption. When the work pieces on the table are turned, the blast media flow is turned off, but the turbines continue running at full speed. This prevents costly energy peaks that occur when the turbines are decelerating and accelerating. Before the robot turns the work pieces, a special blow-off system removes residual blast media from the rotary table.

Optional manual loading increases operational flexibility

Around 90% of all components can be loaded and un-

loaded by the robot. If the component weight exceeds the capacity of the robot, such components can be loaded and unloaded by crane. Likewise very small components can be loaded in this fashion, when the automatic loading would require too much time. For safety reasons, in case of manual loading the turbines are completely turned off before the door to the blast chamber can be opened.

The sturdy design of the compact shot blast machine guarantees a high equipment uptime. For example, the blast chamber, made from tough manganese steel, is lined with easily replaceable wear plates made from highly wear resistant material. In addition, both sides of the Y-shaped throwing blades in the Gamma turbines can be used. This practically doubles their usable life. A quick exchange system allows replacing the throwing blades without having to dismount the turbines.

The highly automated Easy Shotblaster RDT 150 permits OTTOSTAHL the efficient blast cleaning of a broad range of sheet metal components with drastically reduced labor input and greatly improved working conditions for the employees. www.rosler.com, www.ottostahl.de

For over 80 years, the privately owned Rösler Oberflächentechnik GmbH has been actively engaged in the field of surface preparation and surface finishing. As global market leader, the Company offers a comprehensive portfolio of equipment, consumables and services around the mass finishing and shot blasting technologies for a wide spectrum of different industries. The range of about 15,000 consumables, developed in its Customer Experience Centers and laboratories located all over the world, specifically serves its customers for resolving their individual finishing needs. Under the brand name AM Solutions, it offers numerous equipment solutions and services in the area of additive manufacturing/3D printing. Last-but-not-least, as its central training center the Rösler Academy offers practical, hands-on seminars to the subjects mass finishing, shot blasting and additive manufacturing. The Rösler group has a global network of 15 locations and approx. 150 sales agents.

For more information, please go to: www.rosler.com

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ACREX India 2024 Showcases Impressive Array of HVAC Supply Chain Technologies and Global Industry Connections

ACREX India, the premier event on the latest technological advancements and displaying a gamut of HVAC supply chain technologies, held recently at the India Expo Mart, Greater Noida, Delhi – NCR. Organised by ISHRAE in partnership with Informa Markets in India, the expo provided a distinctive opportunity for local and international manufacturers to connect with government officials and industry stalwarts, thereby aiding them in attaining their business goals towards the projected mar-



ket size of \$30 billion by 2030. This year's edition saw the participation of over 30,000 visitors and more than 500 exhibitors showcasing from over 40 countries showcased their innovations.

The grand inauguration ceremony witnessed the presence of esteemed dignitaries, including Mr. Sushil Chodhury, Chair ACREX India 2024; Mr. Yogesh Thakkar, National President, ISHRAE; Mr. Anoop Ballaney, President Elect, ISHRAE; Mr. Yogesh Mudras, Managing Director, Informa Markets India; Ms. Ginger Scoggins, President, ASHRAE; Mr Ravichandran Purushothaman, Director Danfoss – India Region, Mr. Sanjay Goyal, Senior VP and Director, Daikin India; Mr Vinod Saladi, CEO, ABS Fujitsu General India, Mr. Sundaresan Narayanan, Managing Director, Carrier India; and Mr. P. Venkat Rao, Chief Operation Officer, Bluestar, among others.

Addressing the opportunities in this sector, Mr. Yogesh Thakkar, President ISHARE, said, "As we observe the remarkable growth trajectory of the HVAC industry and the



significant strides achieved through initiatives like the Atal Community Innovation Centre (ACIC) program, ACREX India emerges as a symbol of opportunity and progress. With the substantial government investment of USD 1.45 trillion in infrastructure projects over the next 5 years, we stand on the brink of an era marked by unprecedented advancement.

Moreover, advancements in HVAC technology, such as variable refrigerant flow systems and predictive maintenance using machine learning algorithms, are revolutionizing energy efficiency, cost reduction, and sustainability in both residential and commercial settings. ACREX India, positioned as a leading platform for industry evolution, not only showcases cutting-edge technologies but also fosters collaboration and innovation. We take pride in propelling this momentum forward and shaping the future of the HVAC industry."

Speaking on the occasion, Mr. Yogesh Mudras, Managing Director, Informa Markets in India said, "ACREX India serves as a catalyst for driving the adoption of environmentally conscious practices within the HVAC&R sector, aligning with India's ambitious goal of achieving Carbon Neutrality by 2070. It stands as the paramount platform where industry leaders converge to exchange



ideas and unveil cutting-edge solutions. This year's expo showcases an array of features including the Startup Pavilion, Innovation Zone, Demo Zone, B2B Meetings, Seminar & Workshops, Launch Pad, Solution Centre, and Idea Presentation. With power-packed sessions and round table discussions on Day 2 and Day 3 addressing crucial topics like skill gaps in the HVAC industry and the transformation of HVAC technologies for the Infrastructure and Building Sectors, ACREX India continues to drive innovation and growth in the industry."



Speaking on the occasion, Mr. Anoop Ballaney, President Elect, ISHRAE, said “ISHRAE, a 43-year-old society is dedicated to knowledge sharing and learning, encompassing students, women, and K-12 learners in the built environment industry. Our mission transcends HVAC to uplift the entire industry, engaging with governments, industry leaders, and associate societies. As catalysts for India’s mission to achieve net-zero emissions by 2070, we prioritize decarbonization and skill development. With a membership spanning 53 Indian cities and expanding internationally, ISHRAE is not just a society but a global force driving innovation and sustainability in heating,



ventilating, and air conditioning engineering.”

Emphasizing on the growth of Industry, Mr. Sanjay Sharma, Marketing Director, Carrier India, said “In the landscape of India’s HVAC industry, we witness rapid urbanization, the emergence of new buildings, and a thriving manufacturing sector. Projections indicate that by 2030, the number of Indian cities with populations exceeding one million will increase from 42 to 68, driving the demand for HVAC systems. Additionally, with over 50% of the country’s buildings expected to be constructed in the next two decades, the market holds vast potential. The government’s focus on fostering self-reliance through initiatives like Atmanirbhar Bharat further fuels this growth. To excel in this evolving market, HVAC businesses must embrace strategic approaches and innovation. At Carrier, we recognize the importance of establishing a robust manufacturing ecosystem for commercial air conditioning solutions to meet these changing demands.”

Emphasizing on the greener and sustainable future, Mr. Ravichandran Purushothaman, President, Danfoss Indus-

tries said “At ACREX India, our dedication to sustainability is evident in our steadfast commitment to harnessing renewable energy, notably solar power. Our focus on energy efficiency is reflected in our products, which adhere to the highest standards set by the Bureau of Energy Efficiency. We actively promote the adoption of higher star-rated air conditioners to further our mission. Additionally, we are deeply involved in water conservation and biodiversity efforts, ensuring responsible management of resources. With significant government investments in infrastructure and solar panel installations, we are optimistic about our collective journey towards a greener, more sustainable future.”

According to Mr. Arvind JA. Kumar, Assistant General Manager Marketing, ABS Fujitsu General India, “As urbanization and decarbonization drive demand for high-energy efficient appliances and environmentally friendly refrigerants, the industry is poised for transformative growth. By 2050, consumer preferences and regulatory changes will further accelerate the adoption of eco-friendly solutions.

At ACREX India 2024, We are committed to showcase innovative and sustainable HVAC solutions. Through the advancement of energy-efficient technologies and collaboration with industry partners, we aim to drive sustainable practices and shape the future of the HVAC industry in India.”

In recent years, the HVAC industry has undergone a significant growth surge, with the India HVAC Market projected to expand by USD 3.98 billion, at a CAGR of 10.77% between 2023 and 2028. This growth is attributed to various factors, including the escalating demand for inverter HVAC systems, the expanding office space absorption, and the increasing preference for rental HVAC solutions. The market’s upward trajectory is further fueled by the rise in high-rise buildings, the proliferation of hypermarkets in Tier-II cities, and the establishment of shopping complexes and malls, where HVAC systems are indispensable.

ACREX India is amply supported by industry associations such as Refrigeration and Air Conditioning Trades Association (RATA), All India Air Conditioning and Refrigeration Association (ACRA), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), International Institute of Ammonia Refrigeration (IIR), Assocham India, Indian Plumbing Association, India Green Building Council (IGBC), FSAI among others

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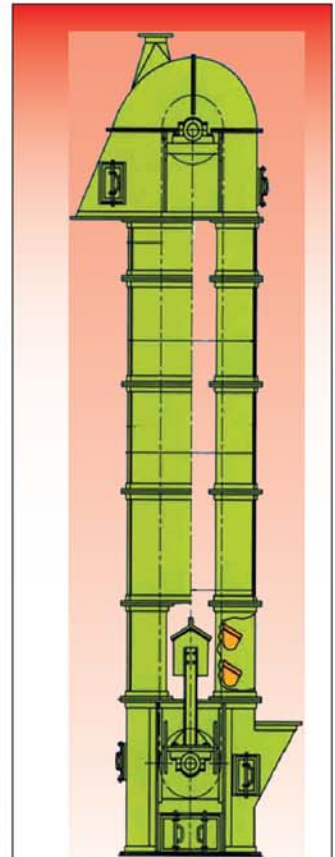
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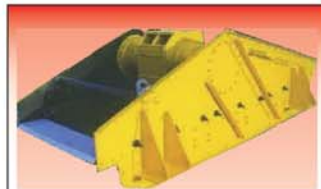
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