



Turn key solutions for Compressed Air, Oxygen, Nitrogen
Also for Cooling & Drying requirements....

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Organization

INDMARK ,

Indmark, founded in 1985 Head Quartered at Mumbai, (India). Started with a view to provide complete range of products and solutions for wide ranging requirements in the field of plant Utilities such as Compressed air, Nitrogen, Oxygen, Cooling water, etc.

Today, we are one of the leading company that provides total turn-key solutions and offer products and services for any kind of customer requirement in the , field of Compressed air generation, Storage Compressed Air Preparation (drying, filtering) and Compressed Air Distribution and the same services for Nitrogen, Oxygen, Cooling water, etc.

We provide products that meet expectations for Performance, Availability, Price and offer Product support that makes easy to Select, Install, Operate and Service the products. Our mission is to maintain customers trust

by anticipating their divergent needs and delighting them with our ability to constantly provide a rapid response to their needs. International Business partners:

- HERTZ KOMPRESSOREN, GERMANY
- DELAIR FILTRATION AND DRYING B.V.The Netherlands.
- SPX FLAIR CORPORATION USA
- AIRSEP CORPORATION USA
- PARKER NNI INTERNATIONAL USA
- ITW Air Mangment Vortec & Paxton Products

Air Compressor

Ideal choice for all kind of industry and application. Every compressor model is equipped with an exclusive screw block, constructed with strongest materials and each compressor ensures exceptional performance, efficiency and long lasting maintenance free.

Oil Injected Screw Compressor HGS 2-15

- Easy to maintain structure
- Oil injected, tank mounted, compact with dryers and filters.
- Long life components
- Trouble free operation
- Minimum working space.
- Soundproof steel canopy
- Problem free all in one system functioning even at 45 deg c ambient temp.



Oil Injected Screw Compressor HSC 15-37

- Replaceable glassfibre panel type pre-fibre and dry type paper filter element, eliminate dusty ambient problems.
- Three stage air/oil separation in
- Soundproof steel canopy
- Belts are selected according to 25,000 operating hours. Easy belt tensioning system provide trouble free operation.



Oil Injected Screw Compressor HSC 45 -315

- Lower power consumption compressors
- Air/Oil Separation Effective design provides three stage separation. Long life separator elements reduce oil in compressed air less than 3 ppm. Soundproof steel canopy
- All electrical components in compressors in the cubicle are chosen from well known brand name all over the world.



Oil injected Direct driven HSC 22D -315 D

- Extra energy efficiency; by direct transmission mechanical power losses, associated with other transmission methods, is eliminated.
- Thus, more pressurized air is generated with less energy and saves your money. Also vibration and sound levels remarkably decreased by this way.

Oil Injected Screw Compressor Direct Drive Frecon Series HSC 50D -275D

intake regulators has been developed by using sophisticated software as well as FEM (Finite element analysis) and fluid-dynamics to create low-pressure drop.

Extra energy efficiency; by direct transmission mechanical power losses, associated with other transmission methods, is eliminated.



Single stage & Low Pressure Compressor

Oversized high grade cast iron crankcase has convenient oil level indicator, oil filling and drain plugs. Deep finned cast iron cylinder and heads provide cool operation. Precision honed cylinders for low oil carry over and high performance.

Dynamically balanced, precision machined and grinded ductile iron crankshaft assures extended running life.

Stainless steel finger type high flow valves maximizes air delivery can stand on high temperature. Large intake filters and silencers provide quiet operation and maximum particle protection.

special loadless starting systems assures longer electric motor lifetime.



Double Stage & High Pressure Compressor

Dynamically balanced, precision machined and grinded ductile iron crankshaft assures extended running life. Lightweight aluminium alloy pistons and connecting rods make low stresses on crankshaft and provide high heat transfer capability.

Piston Booster Compressor

- Booster compressors are an ideal choice for PET bottling applications whereas high pressure compressed air is required. Hertz offers a wide range of booster compressors that are able to boost the compressed air from a screw compressor (inlet pressure 8,10,13 bar) up to 40 bar.



Mobile Rotary Screw Compressor



- Mobile Compressors are the ultimate products of Hertz's new engineering concept which are designed to provide exceptional performance even under extreme conditions.
- In these compressor, engine and air end are both controlled by air demand via stepless, control method to save fuel and to reduce operating cost consequently. The one-piece canopy is manufactured by using high pressure RTM molding technology and provides easy access to all components inside the compressor. As the canopy is made of composite materials, it is naturally lightweight and very resistant to corrosion and possible impacts.

Marine Compressor

Final pressure max. 45 bar

- Suitable for continuous running 24 hours by 24 hours
- Lower energy consumption
- Longer service intervals up to 2000 hours
- Factory installed electric control panel including electronic controller, non-return valve, high pressure air outlet hose (2,5m) and water-drainage hose (1,5m)



Catalytic Converter

An innovative process for separating the oil from the compressed air indicates new standards regarding process reliability, cost, condensate problems and environmental compatibility.

The compressed air is absolutely oil free and can be used without restrictions in all application that require guaranteed oil free

Dryers & filters

Refrigerated Air Dryer

- Innovative , simplified refrigeration circuit to provide dependable operating ,low operating cost and versatile installation. Suitable for low flow, pneumatic control, point of use application.
- Energy saving through waste heat recovery.
- Excellent dew point performance under all conditions.
- Reduce downtime and extend the life of air – operated device.
- Accurate temperature control 0 to 100 % load. Trouble free performance. Provides uniform dew point Compact , lighter weight package.
- Prevents freeze- ups and refrigerant compressor over heating



Desiccant Dryer

Minimum purge air usage –saving the heat of adsorption maximizes the moistures holding capacity of purge air, minimumizing the amount required.

Consistent outlet pressure dew points

Long desiccant life-beds sized to prevent fluidization plus slow and complete regeneration prevent desiccant movment and deterioration .

Heatless desiccant compressed air dryers are designed and built with confidence to offer the compressed air user the highest reliability in the industry.

Minimum maintenance.

Upflow drying minimizes effects of accidental slugging with water



Designed and built for plant & instrument air application where low purge consumption.

Purge air is heated by external heater for regeneration.

Produce design -40Deg. C PDP (standered) While operating continuously at maximumrated flow (100% duty cycle.)



- A ring Blower provides the regeneration purge for the system. This blower has major advantage of providing a constant volume of purge air over a wide range of pressures.
- Dryer is designed to use a low watt density heater with optional surface area.

High temperature protection. Thermostatically-controlled heater .

Filters

Easy maintenance : drop in , snap up filters element

Operational reliability : high quality components

Energy saving : low pressure drops

Silicon free

High efficiency coalescing



Oxygen Generator

- AirSep Oxygen System separates oxygen from compressed air through unique Pressure Swing Adsorption (PSA) Process.
- Produces oxygen from compressed air
- Microprocessor controlled .
- Low operating cost
- Automatic and unattended operation
- Easy to install and maintain



Nitrogen Generators

- Membrane and PSA technologies available
- Purity up to 99.9995%
- Safe and reliable
- Lower cost.. eliminates the need of expensive gas cylinders
- Operate continuously with no unexpected shutdowns
- Hassle free , easy to install and operate
- Compact , free up the valuable floor space



Membrane Nitrogen Generators

- Complete package with prefilters, carbon filter and membrane filter
- No electrical line required
- Product 95% -99% pure , commercially sterile nitrogen from a compressed air supply.
- Dew points 58°F (-50°C)
- Oxygen monitor available

PSA Nitrogen Generator

- Monobed and dual bed designs
- Complete package with prefiltration , and receiving tank
- Safe and reliable
- Produce 95 – 99.999% pure Nitrogen
- Dew points to 70°F (-21 °C)
- PSA towers require no maintenance



Compressed Air Products (Vortec Products)

Vortex Tube

Vortex Tubes are an effective, low cost solution to a wide variety of industrial spot and process cooling , no moving parts, Vortex Tubes have a very wide range of application for spot cooling on machines, assembly lines and processes.

Applications

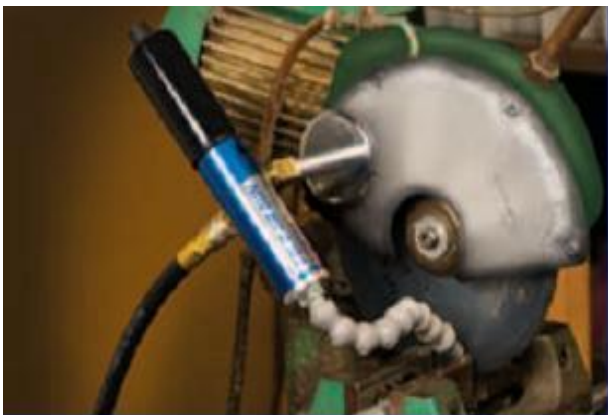
- Cool machine operations
- Dry ink on labels and bottles
- Temperature cycle parts
- Keep electronics cool
- Set solders and adhesives
- Dehumidify gas samples
- Cool cutter blades
- Thermal test sensors
- Cool heat seal operations
- Cool plastic injection molds



Cold Air Gun

Versatile Spot Cooling

Cold Air Guns use filtered compressed air to produce sub-freezing air for numerous industrial spot cooling applications. With no moving parts to wear out, the internal vortex tube converts factory compressed air into a cold air stream, producing temperatures down to as low as -30°F (20°F for Mini Cold Air Gun). Cold Air Guns are used in various industrial processes, fabrication, assembly and packaging as a versatile spot cooling device.



- Widely used in milling, drilling, turning and other metalworking operations
- Machining of plastics, composites, wood and other materials
- Surface grinding, drill and tool sharpening
- Cooling molds and molded pieces
- CNC routers, blades and band saws
- Spot cooling of parts and assemblies
- Industrial sewing and textiles
- Setting hot melts and adhesives
- Thermal testing sensors
- Cooling welds and solders

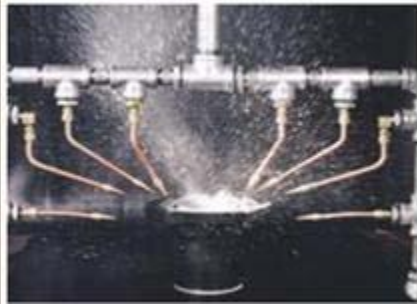
Enclosure Coolers

Vortec's Vortex Cooler Enclosure Coolers are the affordable, low maintenance, easy to install alternative for keeping enclosures cool and clean without Freon or other refrigerants.

- Thermostatically-controlled to save energy.
- Powered by compressed air, utilizing a vortex tube to generate cold air without Freon or other refrigerants (CFCs/HCFCs).
- Exceptionally reliable, no moving parts to break or wear.
- Low maintenance
- All models are UL-listed.



Air nozzle and Jet



Drastically Reduce Compressed Air Consumption

Jets are round-throated air amplifiers; one end provides a strong airflow while the other creates suction as free air is entrained. Since jets output a more concentrated, targeted volume of air than nozzles, they are ideal for water, solvents or light oil stripping applications

Cooling Jacket

Improve Worker Safety and increase productivity in changing environments

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- No moving parts – Exceptionally reliable Vest can be worn under protective outer clothing
- Easy temperature adjustment even with gloved hands.
- Provides continuous cooled/heated air delivery
- Cooling models available in 15, 25, and 35 SCFM
- Vest collar unfolds to deliver tempered air flow to neck and face
- Vest allows full range of motion with no airflow restrictions



Paxton Centrifugal Blower

Paxton Products is the industry leader in air delivery solutions, service, quality products is a division of globally recognized Illinois Tool Works a Fortune 200 company located in Chicago, Illinois. 30 plus years providing superior products, unmatched engineering and an industry best warranty and guarantee combined with the strong global presence of Illinois Tool Works has established Paxton Products as the preferred partner for drying and blow-off applications around the world.

Paxton Products custom-designs complete air knife drying and blow-off cleaning systems. As a pioneer in the development of Air-Knives and widely regarded as an expert in air flow systems, Paxton Products has refined today's Air-Knife designs for "precision-drying," coating control, removing dust and unwanted materials, as well as air curtains and many more applications.

Paxton has implemented such systems in the US and Europe.

