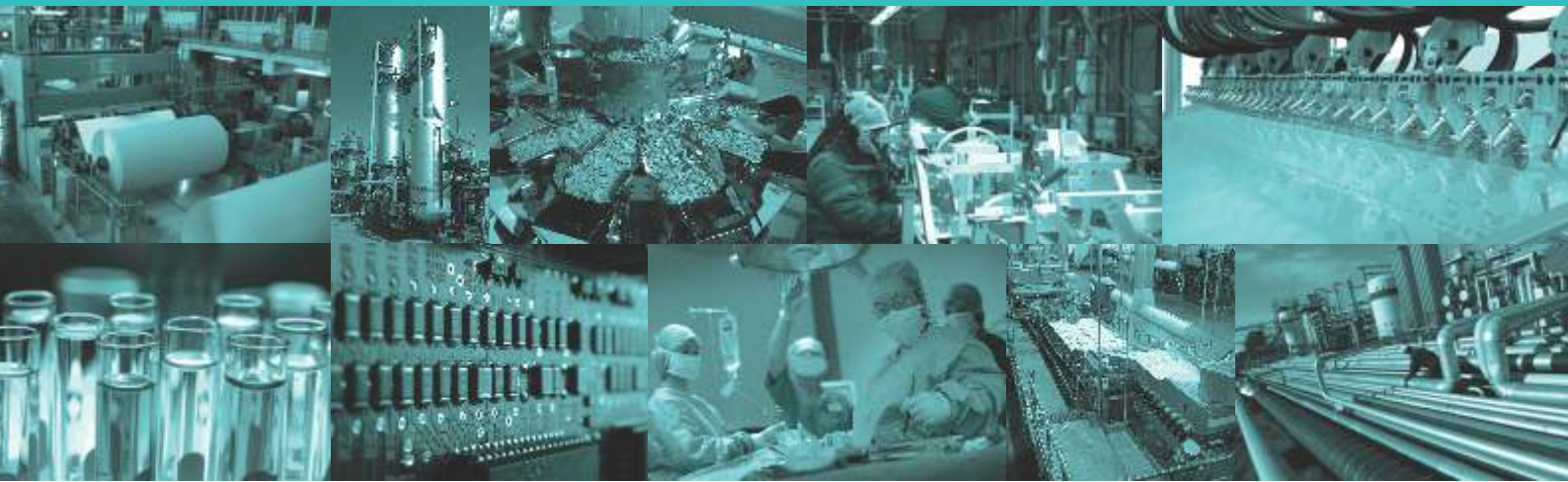




KIRLOSKAR PNEUMATIC CO. LTD.

Enriching Lives

VERTICAL RECIPROCATING AIR COMPRESSION SYSTEMS



**ENERGY EFFICIENT
100% OIL FREE
CLEAN AIR**

Proven Design for
Continuous Operation

- Skid Mounted, Self Contained Package
- Designed for 100% Oil Free Applications
- With Water Cooled and Air Cooled Heat Exchangers

TECHNICAL SPECIFICATIONS

Model	FAD Range m ³ /min		Pressure Range kg/cm ² g		Motor Rating kW	
	Min	Max	Min	Max	Min	Max
TC - 50	1.20	1.74	1	9	9.30	15.00
TC - 100	2.45	3.55	1	9	15.00	22.00
TC - 200	5.00	6.55	1	9	22.00	37.00



COMPONENTS

- Efficient valves with large flow area
- High strength piston rings for longer life
- Reliable scrapper rings ensure continuous Oil Free Air



SERVICES

- Comprehensive field assistance
- Extensive Engineered solutions
- Services & Spares delivered at lowest lead time



SUPPORT

- In-House Customer Training Facility
- Over The Air monitoring and diagnostics
- Dedicated Customer Care Center for quick response.

Note:

- All packaged versions include compressor, motor, aftercooler, control panel suitably mounted on deck. Air Dryer and Receiver are optional supplies.
- Self contained packaged versions include, in addition to above, a close circuit water cooling system thus eliminating the need for an external water supply.
- The above performances are given at sea levels and 30°C suction condition.
- Also available in silenced versions.
- FAD and Power tolerance as per IS-5456 latest edition.

Kirloskar Vertical Reciprocating Compression systems are Engineered and Manufactured in an IMS Certified facility. These packages have proved their robustness by working round the clock at various installations across the globe for the last 50 years.

Our latest offering boasts of more Robust Construction, Compact Design and Highly Efficient suction/delivery valves than its predecessor.

Accessories

Air Receiver: Capable of handling high pressure air; tested leak proof design conforming to IS 2825. Available in both carbon steel and stainless steel versions.

Air Dryer: Option for both Heatless and Refrigerated type dryer. These dryers are engineered to be highly efficient while incurring low running cost.

Non Return Valve

Highly efficient Plate Type NRV to avoid back pressure of air which is installed between the aftercooler and air receiver.

Aftercooler With Moisture Separator

Shell and Tube, Fixed tube bundle type horizontal aftercooler is provided with the machine that provides compressed air near to atmospheric temperature at delivery. Custom engineered coolers available as per client requirement.

Modular Design

The machines can be engineered as Gas Compressor, for gas applications or Vacuum Pumps. For further details of such customized solutions, please contact our Sales Representative.

"KPCL is certified to IMS (ISO 9001:2008, ISO 1400:2004 OHSAS 18001:2007)
Certification by TUV NORD"

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An IMS Certified Company

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