

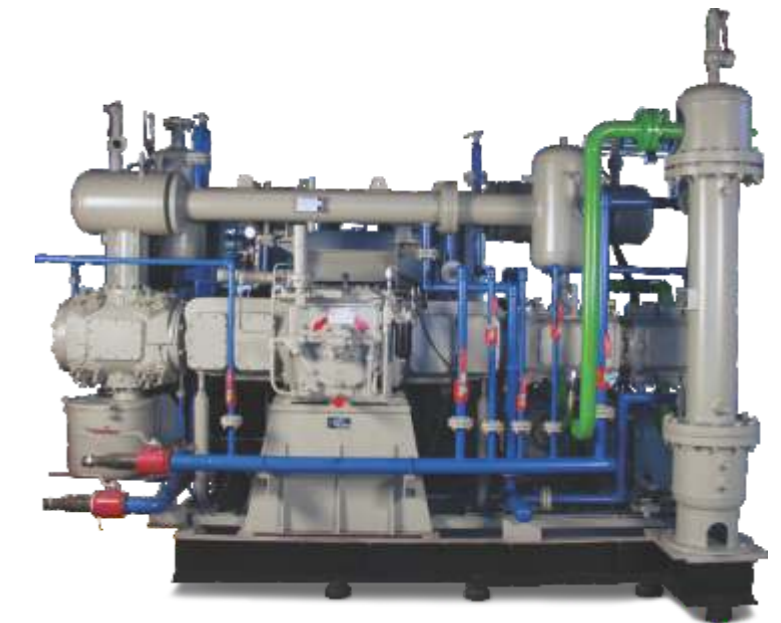
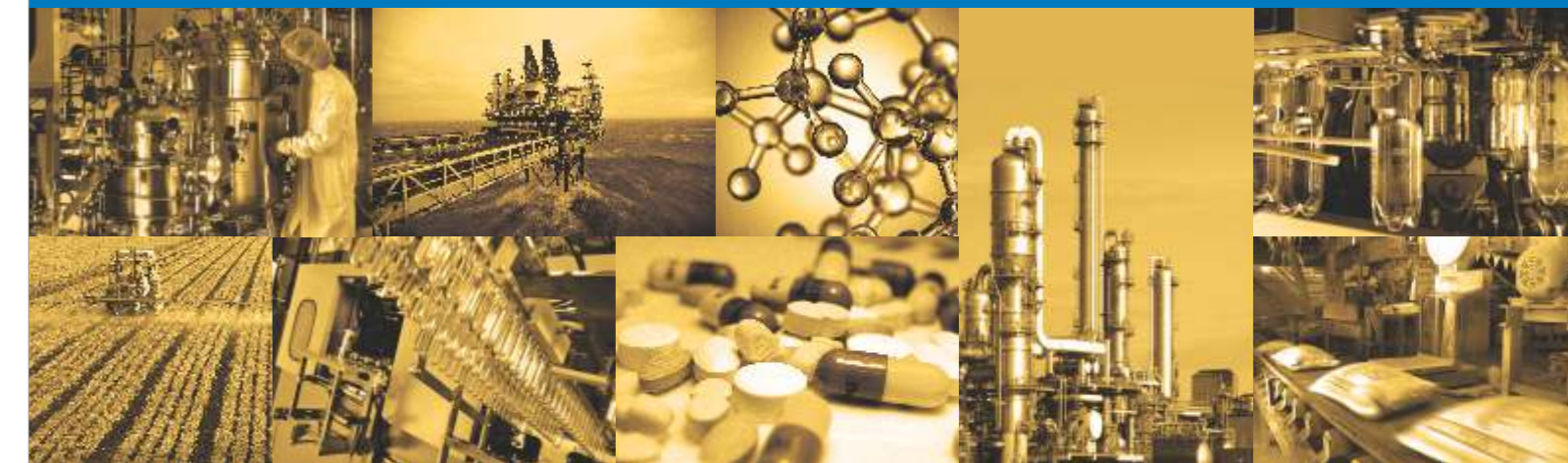


Enriching Lives

KIRLOSKAR PNEUMATIC CO. LTD.

A Kirloskar Group Company

KIRLOSKAR OIL FREE RECIPROCATING AIR COMPRESSORS



- 100% Oil Free Air
- Modular Design
- Energy Efficient
- No Foundation Required
- Pre-tested For Performance

N2721.000.660.00

Meeting Your Expectations

Service and Support

Our commitment is not restricted to only ensuring maximum uptime of the compressors but also provide solutions to optimise them. Technology upgrades as well as energy audits are carried by our representatives to suggest the best energy conservation practices.

We offer both standard and customer specific service packages as per requirement. State-of-the-art service center, inspection and testing facilities are equipped to completely overhaul and optimise the compressors.



Maintenance Contracts

- **Performance Checkup:** Periodic checkup is necessary to analyse health of compressors and to ensure timely service if required.
- **Spare stock:** Adequate spare inventory with KPCL dealerships ensure timely supply at the time of requirement, avoiding delay.
- **Energy audits:** Certified KPCL representatives are equipped with various flowmeters, data loggers and other related audit instruments to carry out these audits. Complete audit of the plant is also carried out and suggestions for energy conservation are shared with the customer.
- **Scheduled Services:** Breakdowns lead to heavy losses which can be prevented by periodic services. Annual contracts indicate regular intervals when services are to be carried out and ensure longer uptime.
- **On call services:** Unexpected breakdowns can cause severe production losses. We make sure every emergency call is addressed with priority.

Training Programs

- **Classroom:** In house training center caters to requirement of training to customer's user and maintenance staff. These programs give complete information about the principles of operation of the compressors and maintenance procedures.
- **Onsite:** Training staff provides live demonstration in the factory premises and also provides training at customer works, if required.

Note: Catalogue up-gradation is a continuous process, details may change without prior notice.



Enriching Lives



An IMS Certified Company

KIRLOSKAR PNEUMATIC CO. LTD.

A Kirloskar Group Company

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CIN: L29120PN1974PLC110307

	Model	Working Pressure kg/cm ² g		FAD (m ³ /min)		Motor Rating kW
		Min	Max	Min	Max	
Low Pressure	1HA2PT	1	1.5	22	48.2	45-110
	1HA4PT	1	1.5	45.07	85	90-200
	1HA2QT	1	2	19.57	39.06	45-110
	1HA4QT	1	2	39.15	78.12	75-200
	1HB2TERT	1	2.5	54.25	105.6	132-315
	T-BD-RL	1	2.5	61.82	67.78	150-250
	1HA2TERT	1	3	14.72	30.7	30-110
	1HA4TERT	1	3	29.44	61.4	75-200
	1HB2BISNT	1	3	44.04	85.7	110-280
	1HB4BISNT	1	3	88.08	171.7	200-580
	1HA2BIST	1	3.5	11.47	24.8	30-90
	1HA4BIST	1	3.5	22.93	49.97	55-200
	1HB2BIST	1	3.5	36.23	70.2	90-250
	1HB4BIST	1	3.5	72.45	140.4	185-525
	1HA2T	1	4	9.06	19.9	22-75
	1HA4T	1	4	18.03	39.8	37-160
	T-BD-QL	1	4	38.51	45.12	110-200
	1HY2T	1	4.5	3.27	8.8	18-37
1HY2BIST	1	4.5	4.93	11.98	18-45	
1HY2TERT	1	4.5	6.89	16.11	18-45	
Medium Pressure	2HA2PT	4	7	11.17	21.1	55-110
	2HA4PT	4	7	22.35	42.2	150-252
	2HB2TERT	4	7	29.33	51.18	132-315
	2HB4TERT	4	7	58.66	102.36	260-650
	2HA2PST	7.6	7.6	9.6	18	165
	2HA4PST	7.6	7.6	19.2	36	250
	2HY2T	6	8	1.92	4.04	15-30
	2HY2BIST	6	8	2.74	5.73	18-37
	2HY2TERT	6	8	3.49	7.3	18-45
	2HA2T	4	8	5.15	9.85	22-55
	2HA2BIST	4	8	6.46	12.38	30-75
	2HA2TERT	4	8	7.79	15.18	37-90
	2HA2QT	4	8	9.67	18.3	37-110
	2HA4T	4	8	10.29	19.7	55-125
	2HA4BIST	4	8	12.92	24.78	90-150
	2HA4TERT	4	8	15.57	30.38	75-180
	2HA4QT	4	8	19.34	36.6	125-225
	2HB2BIST	4	8	19.48	34	90-225
	2HB2BISNT	4	8	23.51	41.1	110-250
	2HB4BIST	4	8	38.97	68	180-425
	2HB4BISNT	4	8	47.02	82.2	200-480
	2HA2QST	8.4	8.4	17	17	160
	2HA4QST	8.4	8.4	18.13	34	225
	T-BTD-RM	5	9	31	31.67	200-225
T-BTD-QM	5	10	21.12	21.42	132-160	
High Pressure	2HA2TERST	9	10.5	14.1	14.17	150
	2HA4TERST	9	10.5	15.05	28.34	110-225
	T-BTD-RH	10	11.5	30.83	30.95	225-250
	2HA2BISST	9	12	11.35	11.6	37-75
	2HA4BISST	9	12	12.11	23.2	90-180
	2HB4TERST	8	12	52.73	93.4	355-700
	2HB2TERST	8	13	26.13	46.7	200-315
	2HB2BISST	9	15	18.7	32.6	132-250
	2HB2BISNST	9	15	22.28	39.1	132-280
	2HB4BISST	9	15	37.39	65.2	250-525
2HB4BISNST	9	15	44.57	78.2	260-580	
2HY2ST	9	16	1.77	3.91	18-30	
2HA2ST	9	17.6	8.97	9.25	30-75	
2HA4ST	9	17.6	9.57	18.5	75-160	

- FAD shown is at sea level and 30°C suction condition.
- Performance is as per IS 5456.
- The machines can be operated at different speeds and pressures.
- Models available beyond specified range. Please contact sales representative for details.
- Due to continuous engineering improvements, specifications are subject to change without prior notice.

Established in the year 1958, Kirloskar Pneumatic Company Limited is a pioneer in Compressed Air and Gas Solutions. Kirloskar Pneumatic Company Limited, a flagship company in Kirloskar group is IMS Certified company. KPCL has grown over the past 50 years by serving the customers with all types of air and gas compressors. The multi-product company has transformed with cutting-edge products and processes to meet the demands and applications.

The company has a strong presence in the global market with customers in more than 40 countries and partners from more than 10 countries. KPCL operates from Pune factory with state of the art facilities for Research & Development, Manufacturing, Assembly, Testing, Metrology and other business processes.



Kirloskar Reciprocating Compressors are preferred by various industries for compressed Air & Gas applications.



Steel & Ash handling



Cement & Ready Mix



Food & Beverage



Pet Blowing



Sugar & Co-generation



Oil & Gas/Petrochemical



Air Separation



Textile



Water & Waste Water Management



Power



Fertilizer



Chemical



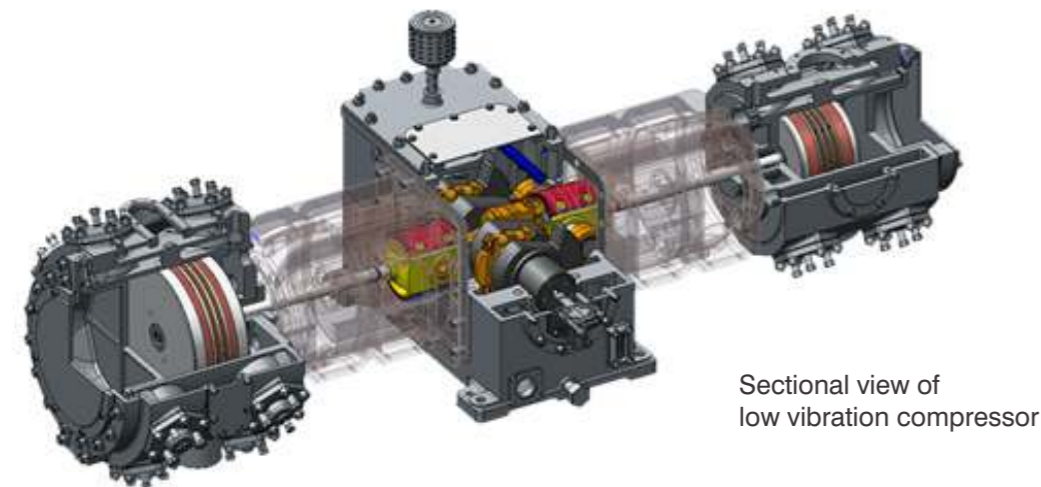
Pharma

Proven Design & Performance

In house design and engineering centre, analyses every component of the compressor for assured performance. Various softwares like ProE, Ansys, HTRI, Ansys, etc. are used for accurate design and selection of components. Sophisticated analysis softwares provide material properties which helps understand the material behavior under load conditions. Heavy duty test beds, capable of accommodating multiple compressors at a time are equipped with data monitoring systems to provide real time accurate data. This data is analyzed to improve performance of the compressors.



Addresses Wide Pressure Range
Discharge Pressure: 1 to 400 kg/cm²g



Sectional view of low vibration compressor

State-of-the-art Manufacturing facility



Kirloskar Reciprocating Compressors

100% Oil Free Air

Oil content in air leads to corrosion of tubes and malfunctioning of pneumatic tools. Compressed air from Kirloskar Reciprocating Compressors is free from oil particles thereby extending the life of pneumatic machines. Efficient and wear resistant packing rings isolate oil to the first compartment of the distance piece.

No Foundation Required

Pre-tested Kirloskar Compressors are free from high vibration levels and hence can be placed on skids that are not heavy. Kirloskar LV Compressors are equipped with Anti Vibration Mounts which make them the first choice for raised floor installations.

Complete Packaged Solution

Trouble free installation with Plug & Play type compressors. These are self contained packages with Compressor, radiators, Motor, Air Receiver, Dryer and a highly programmable control system.

Pre-tested for Performance

Each assembly of every Kirloskar Compressor undergoes careful testing in a state of the art In-house Metrology Lab. Completely assembled packages are then tested on specially designed test beds at variable load settings.

Engineering Excellence

Highly qualified dedicated engineering project teams provide the most efficient solutions for compression requirements. Regular technological improvements in our product ensure latest offerings for our Clients.



Endurance

- Reliability and efficiency in adverse conditions
- High altitudes
- High temperatures



Easy To Install

- Ready to install- quick startup
- No special foundations or anti-vibration precautions
- Lower footprint
- Minimal water and electrical connections



Reliable

- Pre tested compressor packages
- Extensive testing for torsional and inertia forces
- Low vibration design
- Sophisticated PLC - control system



Energy Efficient

- Optimum design to deliver maximum flow/kW
- Lower total operating cost
- Lower life cycle cost

Constructional Features



Efficient Plate valves

- Large flow area
- Special spring protection
- High efficiency and long service life



Anti-vibration Mounts

- No foundation required
- Skid mounted compressor packages
- Easy field installation
- Specially designed rubber composite material



Piston and Rider rings

- Efficient PTFE Piston rings for longer duty cycle
- Enhanced working life of 8000 hours



Integrated Distance piece

- Strategically designed Integrated Crosshead housing and Distance piece for a robust construction
- Efficient oil-scraper rings ensures zero oil carryover to second compartment



Touch Screen TFT with PLC

- 7 inch colour TFT
- Provision for USB data logging
- Remote monitoring
- SMS alerts to user