



Enriching Lives

Kirloskar Pneumatic Co. Ltd.



Manufacturing Facilities

- Gear Hobbing
- Heat Treatment
- Teeth Grinding (Hofler Nova 1000 & Hofler Rapid 1500)
- Gear Tooth Profile Testers (MAAG SP13 & SP100 Testers)
- Toss Machining Centre
- Makino Machining Centre
- Carl Zeiss Coordinate Measuring Machine
- CNC Chuckers
- CNC Machine Centres
- Gear Cutting
- Drilling
- Broaching
- Internal Grinding
- External Grinding
- Gear Tooth Profile Grinding
- CNC Boring
- Tool Room equipment
- Carburising & Hardening
- Shot Peening
- Foundry



• For any special application & for selection, please get in touch with our nearest office.
 Note : We reserve the right to modify above data / specifications in accordance with improved designs.



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KIRLOSKAR PNEUMATIC CO. LTD.

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 KOLKATA, LUCKNOW, MUMBAI, TIRUCHENGODE, VADODARA,

Authorised Dealer:

Visit : www.kirloskar.com

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The Technology pedigree

Harnessing over five decades of experience, Kirloskar Pneumatic Co. Ltd., an ISO 9001:2000 company, has always been on the cutting-edge of technology and innovation. Positioned at the premium end of the market, Kirloskar offers the widest range of Power Transmitter solutions that help set benchmarks in engineering standards.

With a product portfolio that is an embodiment of the highest echelon of workmanship and technological expertise, Kirloskar is helping a wide spectrum of industries enhance the performance of their processes time and again. It is this dedication that has enabled Kirloskar to cast its glow in three main divisions viz. Air Compressor Division (Reciprocating, Screw & Turbo Compressors), Air Conditioning & Refrigeration Division and Transmission Division (Rail Traction, Wind Turbine, Marine, Industrial Gearboxes, and other speciality products.

Kirloskar's Transmission Division continues to innovate and create new products in a way that would distinguish it from the rest.

STRENGTHS

Growing from strength to strength

- Pioneer in precision high tech gear technology in India
- Over 4 decades of manufacturing experience
- Niche markets & products
- Member of 'AGMA'
- Technical collaborations / License arrangements with world renowned companies like-
 - Twin Disc, USA
 - Voith Turbo, Germany
 - ACB, France
 - MAAG, Switzerland

Transmission Division : Transmitting technological expertise

KPCL's Transmission Division with a fully operational CAD/CAM system, integrates the latest technology and potent experience to manufacture a wide spectrum of equipments. KPCL is associated with a wide product range dealing with transmission equipments catering to a varied range of users that include

- Wind Turbine Gear Boxes
- Industrial Gear Boxes
- Diesel Hydraulic Multiple Units
- Turbo Transmission for locomotives (Up to 900 hp)
- Axle Drive Gearbox: For YDM2 Loco 4 W OHE Car & Self Propelled Vehicles.
- Traction Gears & Pinions
- Power Packs
- Hydraulic Marine Gear Boxes
- Industrial & Windmill Gear boxes

KPCL IN MARINE

Riding the Marine wave

With increase in international trade, the shipping industry, which constitutes 90% of this vast commerce, is growing meteorically. And in keeping pace with the increasing demand of ship equipments, KPCL has been catering to the marine industry since its inception for the last 5 decades.

Marine Gear Boxes

Identified for its wide product range catering to the marine industry, KPCL has more additions to its service. It is the manufacturer of the Reverse Reduction Marine Gearboxes to propel the ships through deeper nauticals. Used for the propulsion of ships, these are created on the basis of the Classification Rule Requirements of Lloyd's Register of Shipping, American Beuro Shipping, Beuro Veritas, Indian Register of Shipping, DGQA etc. The company had already been the proud provider of over 3,500 gearboxes with the shipbuilder's clientele extending in the countries of UAE, Thailand, Indonesia, Singapore, India, etc. The two categories of gearboxes include:

- MG Series
- KMG Series

The MG Series gearbox with a Design Power Rating up to 1200 hp caters to the following conveyors in the blue sea:

- Fishing Trawlers
- Barges
- Patrol Boats
- Launches
- Harbour Utility tugs
- Port Duty Vessels



The KMG Series gearboxes have a Design Power Rating up to 15,000 hp. catering mostly to the Indian Navy. Generally these are custom designed to meet specific application requirements. Built to safeguard the proper functioning of the Naval Vessels the gearboxes are a part of the following:

- Seaward Defense Boat
- Survey Vessel
- Fast attack Craft
- Landing Ship Tank-Medium
- Offshore patrol Vessel



Popular Standard Marine Gear Box Models

Model	Reduction Ratios	Power Rating 1800 - 2300 rpm
MG 509	1.45 :1 to 6:1	upto 190 hp
MG 512	1.51:1 to 4.14:1	upto 250 hp
MG 514	1.51:1 to 7:1	upto 400 hp
MGP 700.20	3.07:1 to 5.94:1	upto 550 hp
MGP 800.20	1.5:1 to 4:1	upto 650 hp
MGP 850.05	1.5:1 to 7:1	upto 1200 hp