



Enriching Lives

Discover the world of Kirloskar pumps and valves

KIRLOSKAR BROTHERS LIMITED

Global Headquarters



KIRLOSKAR BROTHERS LIMITED, INDIA
"Yamuna", S. No. 98/3 to 7, Baner, Pune 411 045, India
Phone : +91-20-27214444 Email : kblin@kbl.co.in

Global Presence

KIRLOSKAR BROTHERS LLC
Miami, USA
Email: santoshk@kbl.co.in



KIRLOSKAR MIDDLE EAST FZE
Ajman, UAE
Email: kmef-admin@kirloskar.ae

SPP PUMPS LIMITED (UK Headquarters)
Reading, United Kingdom
Email: solutions@sppumps.com



KIRLOSKAR KENYA LIMITED
Nairobi, Kenya
Email: rspatil@kirloskar.co.ke

KIRLOSKAR BROTHERS EUROPE B.V.
Velsen Noord, the Netherlands
Email: info@kirloskar.eu



KIRLOSKAR BROTHERS LIMITED
Cairo, Egypt
Email: narayan.mirji@kbl.co.in, narayan@link.net

KIRSONS TRADING (S.A.) (PTY) LIMITED
Johannesburg, Republic of South Africa
Email: kirsons@kirloskar.co.za



KIRLOSKAR BROTHERS (THAILAND) LIMITED
Bangkok, Thailand
Email: admin@kirloskarthailand.com



KIRLOSKAR BROTHERS LIMITED
Vientiane, Lao PDR
Email: kbllaos@laotel.com, caj.vinodh@kbl.co.in

www.kbl.co.in

KIRLOSKAR BROTHERS LIMITED



Kirloskar Brothers Limited, (KBL) India, is known as India's leading, reliable and innovative solutions provider in hydraulic machines and systems. Kirloskar Brothers Limited is the largest manufacturer and exporter of centrifugal pumps and valves from India. An ISO 9001, 14001 and OHSAS 18001, KBL has Skilled engineering manpower, technological strength in design and application engineering, state-of-the-art manufacturing facilities including ferrous and non ferrous foundries, are our key strengths. One of Asia's largest Hydraulic Research Centre with a testing facility to test pumps up to 50,000 metre cube per hour (220,150 US GPM), 5000 kW motor (6800 HP) is a part of our infrastructure at the manufacturing location at Kirloskarvadi.

Business of KBL:

- Largest manufacturer and exporter of centrifugal pumps from India
- Leading manufacturer of Valves and Hydel Turbines
- Energy efficient innovative pumping solutions for core sectors such as Power, Water, Irrigation and Industries
- Manufactures the largest pumps by size and horsepower in India
- Commands the highest market capitalization amongst the pump manufacturers in India
- Pioneered centrifugal pumps in India and introduced the following in India:
 - Split-case pumps
 - Process pumps
 - Large Vertical Flow pumps
 - Metallic Volute pumps
 - Concrete Volute pumps
 - Valves up to 4500 mm Nominal Bore
 - Large Engineered Pumps
 - Industrial Pumps
 - Agricultural & Domestic Pumps

KBL has been awarded 'export excellence' for consecutive 28 years from The Ministry of Commerce and Government of India. KBL exports to over 80 countries across 6 continents. With our subsidiaries located in United Kingdom, Europe, South East Asia, The African Continent, USA, Middle East, etc. we are positioned to leverage the market potentials.

The developing economies of Asia, Africa, Eastern Europe, Latin America etc. over the years have put in sustained efforts and suitable programmes to improve the key sectors – Agriculture, Irrigation, Water Supply and Energy to achieve reasonable growth every year to enable alleviate poverty, increase food security and assure quality of life. It is important for these key sectors of the developing economies show impressive and progressive growth in the next few years to make a leading presence in the global scenario.

KBL offers comprehensive pumping solutions in Irrigation, Water Supply, and Power Sector for domestic and international markets.

“One stop shop for most optimized pumping solutions from conceptualization to commissioning across market segments.”

Kirloskar Brothers Europe B.V. (KBE) Incorporated in 2008 is a subsidiary of Kirloskar Brothers Limited, India with its head office based in the Netherlands. The responsibilities are setting up distribution network in Europe, Marketing support for Distributors, Technical support such as: Engineering / Service and After service, Creation of Kirloskar brand in Europe and Stocking and assembly of pumps. KBE will provide superb customer service and fast and reliable delivery. At the same time, KBE's further success will depend on securing new customers in the served markets.

The key markets are Power, Water /Waste water and sewage, Industry, Irrigation, Distribution, Service and after service. Each of the served segment's market needs is shaped by the desire to procure quality products at reasonable prices. KBE is in the position to offer just that to their clientele, and the products must

help their clients to better add value to their own end customers. The product focus to cater to these markets is on Splitcase Pumps, End Suction Pumps and Vertical Turbine Pumps.

We have a distribution network in Netherlands, Portugal, Spain, Italy, Turkey, Hungary, Czech Republic, Belgium, Austria and Germany







Kirloskar Brothers Europe BV offers service and after service throughout Europe together with its selected service partners in the region. The services provided by us are supervision, installation, repair, trouble shooting, and alignment and vibration analysis.







United we propagate “Brand Kirloskar” through partnerships with our valued distributors.

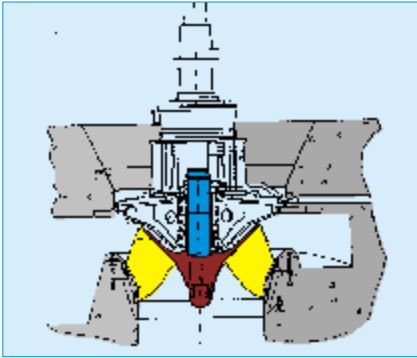





KBL has consolidated its position as the preferred choice of customers, with its unmatched manufacturing facilities, having its own CNC machine shops, one of the world's best research and development centres, its own Cast Iron and Steel foundries and the designing capability that has produced such unique range of pumps for all applications.

KBL, with its Triple 'A' philosophy offers **Appropriate**, **Adaptable** and **Affordable** pumping solutions to its customers' worldwide in key sectors of economy, making a difference for over a century by bringing Joy, Happiness, Prosperity & Enriching lives of millions worldwide.

END SUCTION PUMPS		MIXED FLOW NON-CLOG PUMPS	PROCESS PUMPS	SOLIDS HANDLING NON-CLOG PUMPS	
Type - DB	Type - DB (Large Size)	Type - MF / MF-E / MF-V	Type - KPD / KPD-QF	Type - SHM / SHS / SHV	Type - SHL
					
Range	Range	Range	Range	Range	Range
Delivery size : up to 150 mm Capacity : up to 550 m³/hr Head : up to 100 mtrs Temperature : (-) 10° C to 100° C	Delivery size : 150 mm to 300 mm Capacity : up to 2100 m³/hr Head : up to 42 mtrs Temperature : (-) 10° C to 90° C	Delivery size : up to 650 mm Capacity : up to 7000 m³/hr Head : up to 30 mtrs Temperature : 5° C to 140° C	Delivery size : up to 200 mm Capacity : up to 900 m³/hr Head : up to 225 mtrs Working Pressures : 16-30 kg/cm² Temperature : (-) 50° C to 350° C	Delivery size : up to 200 mm Capacity : up to 800 m³/hr Head : up to 90 mtrs Maximum permissible solid size : up to 105 mm depending on the model consistency up to 5% QP impellers for more than 6% consistency Q impellers for more than 4% consistency	Delivery size : from 250 mm to 900 mm Capacity : up to 13000 m³/hr Head : up to 82 mtrs Temp : (-) 10° C to 90° C
Applications	Applications	Applications	Applications	Applications	Applications
Circulation of water in Industries, Air-Conditioning Plants, Power Stations, Mine Water, Lift Irrigation, Sprinkler Systems, Fire-Fighting, Booster Services, Pumping Brines, Oils etc. for liquids	Water Supply, Irrigation, Water Circulation, Injection Water Systems and Prawn Farming	Pumping drainage water, Storm Water, Supplying water from settling tanks in Water Works, Irrigation and Agriculture for Lift Irrigation, Circulation of hot or cold water in Industry, Air-Conditioning Plants, Power Stations, Textile Mills, Sewage Handling, Flood control	Chemical Process Industries, Petro Chemical, Nuclear, Refinery, Paper and Power Plants etc. Pumps suitable for handling Corrosive Acids, Alkalies, Salt Solutions, Caustics, Hydro Carbons, Oils, Thermic Fluids, Liquefied Gases, Condensates, Viscous Liquids etc.	For handling liquids with solids in suspension, sludge or pulpy material in Paper Industries, sewage or waste with soft solids in suspension, viscous liquids or liquids carrying fibrous material or powdered material slurries, contaminated process liquids like Sugar Factory Waste, Trade Liquors, Water Carrying Gravel, etc.	For handling liquids with solids in suspension, Pulpy material in paper industries, Viscous liquids or powdered material slurries, Contaminated process liquids like sugar factory waste, trade liquors
Features	Features	Features	Features	Features	Features
<ul style="list-style-type: none"> Confirming to DIN 24255 Back Pull-out design Gland packed / Mechanical seal 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal mounting Back Pull-out design Single Stage Single Suction Gland packed / Mechanical seal 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal / Vertical mounting Single stage Single suction Volute casing 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Confirming to DIN 24256 & ISO 2858 Back Pull-out design Gland packed / Mechanical seal Also available in vertical execution 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal / Vertical mounting Single stage Single suction Volute casing 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal shaft, single stage, single suction pump with back pull-out design 50 Hz / 60 Hz availability Also available in vertical design

MULTISTAGE PUMPS	HORIZONTAL AXIALLY SPLIT CASING PUMPS		HORIZONTAL AXIALLY SPLIT CASING PUMPS	HORIZONTAL AXIALLY SPLIT CASING TWO STAGE PUMPS	VERTICAL PUMPS
Type - RKB	Type - UP / UPL / UPH	Type - SCT / SCT Extended	Type - i-HT	Type - DSM / DSM (T)	Type - BHR / BHQ / BHM / BHK / BHM _a / BHA
					
Range	Range	Range	Range	Range	Range
Delivery size : up to 250 mm Capacity : up to 850 m ³ /hr Head : up to 850 mtrs Temperature : (-) 90° C to 140° C	Delivery size : up to 1220 mm Capacity : up to 24,000 m ³ /hr Head : up to 180 mtrs Temperature : (-) 10° C to 90° C	Delivery size : 50 mm to 350 mm Capacity : up to 4500 m ³ /hr Head : up to 330 mtrs Temperature : (-) 10° C to 100° C	Delivery size : up to 300 mm Capacity : up to 1300 m ³ /hr Head : up to 250 mtrs Temperature : (-) 10° C to 100° C	Delivery size : 50 mm to 150 mm Capacity : up to 470 m ³ /hr Head : up to 160 mtrs Temperature : (-) 10° C to 90° C	Delivery size : up to 2200 mm Capacity : up to 55,000 m ³ /hr Head : up to 240 mtrs
Applications	Applications	Applications	Applications	Applications	Applications
Sprinkler Irrigation, Fire-Fighting, Water Supply to high rise buildings, Descaling, Mine Dewatering and Boiler Feed	Suitable for handling water with slight impurities in Industries, Water Works, Storm Water, Irrigation, Sprinkler Irrigation, Fire-Fighting, Air Conditioning, Water Circulation, Waste Water Treatment, Processing, Power, Fertilizer, Refinery, Paper, Sugar and Textile Mills, etc.	For handling water / liquids with slight impurities against medium and high heads in General Industries, Petroleum Refineries, Air Conditioning and Refrigeration Systems, Water Works, Irrigation, Waste Water Treatment, Process Plants, Fire Protection Systems and Mining	Suitable for handling water with slight impurities in Industries, Water Works, Irrigation, Sprinkler Irrigation, Fire-fighting, Air Conditioning Plants, Water Circulation, Processing Plants. Primary and Secondary HVAC application, Cooling tower, Desalination	Air-conditioning Fire fighting Irrigation Mine drainage Power plants Water supply	Lift irrigation (Vertical and inclined mounting), Water supply, Circulating water for Thermal and Nuclear Power Plants, Various applications in Steel, Cement Industries and Refineries, Handling sea water on Off-Shore Platforms, Dry-Docks, Fire Fighting, Flood Control, Condensate Extraction Types : Turbine, Mixed Flow, Axial Flow, Propeller
Features	Features	Features	Features	Features	Features
<ul style="list-style-type: none"> Also available in Vertical execution Gland packed / Mechanical seal 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal mounting Axially Split case Single stage or double suction Single suction or double suction Single Volute Or Double volute 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal / Vertical axis Axially Split case Single stage or double suction Gland packed / mechanical seal 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Horizontal mounting Axially Split case Single stage or double stage Double suction impellers Provision of pull-bearing housing and bearing 	<ul style="list-style-type: none"> Horizontal mounting Axially Split case Single stage or double stage Single suction Single volute 50 Hz / 60 Hz 	<ul style="list-style-type: none"> Vertical mounting Single stage or double stage Enclosed or semi open impellers Single suction Direct or right angle drive Dry / Wet pit arrangement Low submergence Radial / Axial / Mixed flow type Special material of construction Gland packed / mechanical seal 50 Hz / 60 Hz

CONCRETE VOLUTE PUMP		SUBMERSIBLE PUMPS		VALVES	
Type - Concrete Volute Pump		Type - KU4		Type - Sluice	
					
Range		Range		Range	
Delivery size : 4000 mm Capacity : up to 1,20,000 m³/hr Head : up to 50 mtrs Motor Rating : 4500 kW (6120 hp)		Suitable for : Borewells diameter 100 mm (4") Capacity : up to 19 m³/hr (85 USgpm) Head : up to 249 mtrs (797 ft) Power Rating : 0.37 kW to 4.0 kW (1 hp to 5 hp)		Delivery size : 50 to 600 mm Pressure : PN 10 to PN 16 Conforming to BS 5163	
Applications		Applications		Applications	
Circulating water / condenser Cooling water for power plants Dry docks Drainage and flood control / storm water Lift irrigation and water supply		Agriculture Irrigation Sprinkler irrigation Water supply		Sewerage Sugar Water supply Industry	
Features		Features		Features	
<ul style="list-style-type: none"> Oil lubricated bearings No water contact with shaft, hence no corrosion Corrosion proof volute casing – Reinforced Concrete Shaft, Impeller and other components Special material available 		<ul style="list-style-type: none"> Pump bearings are water lubricated Suitable for high voltage fluctuation Wet type submersible motors Water-cooled and water-lubricated 		<ul style="list-style-type: none"> Double Flange Rigid and sturdy design Rising stem or Non-rising stem type Resilient seated valves available Channel and shoe arrangement 	
				Type - Full / Reduced Bore Ball	
					
				Range	
				Size : from 15 mm to 300 mm Conforming to EN 150 17292 (BS 5351) Pressure : Class 150 and 300 rating	
				Applications	
				Process Industry Power Chemical Petrochemical Plants	
				Features	
				<ul style="list-style-type: none"> Top flanged design as per EN ISO 5211 Body joint sealing by reinforced graphite gasket to withstand high temperature Double 'V' stem packing graphite Adjustable packing gland bolts provided to ensure easy access 	

Type - Butterfly



Type - Butterfly (Wafer)



Type - Butterfly (Lugged Wafer)



Range	Range	Range
Delivery size : 80 mm to 2500 mm Pressure : up to PN 16 Conforming to EN 593	Size : from 50 mm to 600 mm Conforming to API 609 / EN 593 Pressure : up to PN 10 to PN 16	Size : from 50 mm to 600 mm Conforming to API 609 / EN 593 Pressure : up to PN 10 to PN 16

Applications	Features
Agriculture, Irrigation, Power, Sugar, Water supply, Industry, Process	<ul style="list-style-type: none">• Double Flange• Duo-eccentrically mounted / streamlined disc• Self-cleaning and non jamming seat design• Low operating torque• Extension shafting / headstock / locking arrangement• Electric / Pneumatic / hydraulic actuator (Optional)



Client : EDIA

- Model : Horizontal Split Casing, 5 Nos SCT 200-48 Pumps
- Power rating : 150 kW/ 1450 rpm Motors
- Capacity : 171.6 Lps (617.76 m³/hr) @ 66.5 mtr @ 61.4 mtr
- Application : Irrigation



Client : Corus Steel, Ijmuden, the Netherlands

- Model : DSM 125 – 40
- Motor Rating : 110 kW
- Capacity : 250 m³/hr @ 96 mtr
- Application : Cooling Water Pumps



Client : EDIA. Contractor : ENGIGAS, Portugal

- Pump Model & Quantity : BHR 42 / 2 stg. (6 nos.)
- Power Rating : 315 kW / 1450 rpm / Vertical Motors
- Capacity : 990 m³/hr
- Head : 82 mtr
- Total Pump Length : 7000 mm



Client : Euroloop, Netherlands

- Pump Models : 3 Nos each SCT 350/ 44, SCT 300/ 48, UP 200/49
- Motor Rating : 75 kW - 350 kW, 4 Pole
- Application : Test Loop Pumps - Oil

GLOBAL SHOWCASE



Client : RWZI Dokhaven¹ in Rotterdam

- Model : MF 25-25 pump
- Capacity : 750 m³/hr 15 mtrs
- Application : Sewage facility



Client : Sohar, Oman

Project : EPC for sea water pumping system of CCWS

- Model : BHQ 92 A
- Capacity : 15,000 m³/hr
- Qty : 3 no.s
- H : 35 mtrs
- Speed : 495 rpm
- Motor Rating : 1900 kW
- Application : Circulating Sea water pump



Client (end user): AS Baltic Chemical Terminal

- Model (type & no. of pumps) : 4 x KPD 150/52
- Motor Rating: 160 kW
- Capacity : 470 m³@70 mtr
- Application : Various



Client : MAASVLAKTE OIL TER Consortium, MOT

- Model : BHR 50, 2 stage
- Discharge : 1050 m³/hr
- Head : 112 mtrs
- Speed : 1500 rpm
- Application : Fire Water VT Pump