

LD Series Autoprime Pumps

Versatile, really robust and definitely reliable



MBH[®]
PUMPS

LD Series Autoprime Pumps



Explore our reliable and highly efficient dewatering pumps, designed for lasting performance. Crafted with exceptional design and superior components, our pumps ensure quality returns on investment. Engineered to thrive in diverse conditions, they stand as a paragon of durability.

Our commitment to quality includes rigorous testing before every delivery, ensuring your equipment arrives in impeccable working condition. Within the MBH Pumps portfolio, our LD Series pumps handle a spectrum of liquids, from water to sludge, with advanced open impeller designs providing a trustworthy, efficient solution as completely automatic priming pumps.

MBH Pumps LD Series Pumps are designed and built to superior standards to withstand the most demanding applications. MBH LD Series Pumps offer excellent hydraulic efficiencies, low maintenance and operating costs, and other advantages like,

Features :

- Automatic Priming
- Suction lifts up to 9 m
- Operates in 'dry' conditions
- Solids handling up to 80 mm
- Replaceable wear parts
- Diesel or electric drive
- Rugged, heavy-duty centrifugal pumps engineered specifically for portable application. Available with diaphragm priming system
- Replaceable wear parts including wear rings and shaft sleeves
- Dynamically-balanced impellers
- Oversized bearings with min. 20,000 hour life
- Heavy walled castings for durability
- No seal flush needed
- Fully guarded coupling

Where MBH PUMPS are used



Municipal

- Sewer bypass
- Digester cleaning and sludge removal
- Emergency drainage of flood waters



Mining and quarrying

- Open pit and underground drainage
- Process water supply and transfer



Industrial

- Wastewater bypass
- Temporary fire pumps
- Temporary raw water supply



Construction and tunneling

- Site drainage
- Stream diversions
- Drill rig water supply



Oil and gas

- Tank cleaning
- Water supply for hydraulic fracturing
- Product transfer
- Pipeline pigging

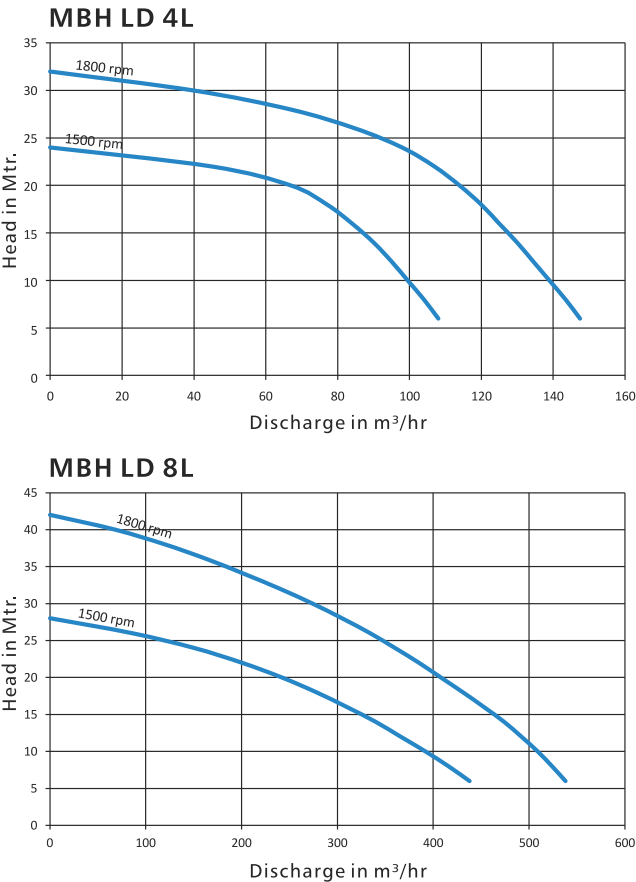


Marine

- Barge ballasting
- Jetting



Performance Curves



Technical Specification :

Model	MBH LD 4L D18	MBH LD 4L E15	MBH LD 6L D18	MBH LD 6L E15	MBH LD 8L D18	MBH LD 8L E15
Suction (mm)	100	100	150	150	200	200
Discharge (mm)	100	100	150	150	200	200
Solids handling (mm)	70	70	70	70	80	80
Rating (HP/Kw)	23.0/17.2	15.0/11.0	38.0/28.3	25.0/18.0	52.0/38.8	40.0/30.0
Max capacity (m³/hr)	150	110	310	260	550	440
Max head (mtr)	32	24	38	26	42	28
Operating speed (rpm)	1800	1500	1800	1500	1800	1500
Prime mover	Engine	Electric Motor	Engine	Electric Motor	Engine	Electric Motor
Vacuum pump	50 CFM	50 CFM	50 CFM	50 CFM	50 CFM	50 CFM

Range

Flow: up to 550 m³/hr
Head: up to 42 mtr
Solids Handling: up to 80 mm

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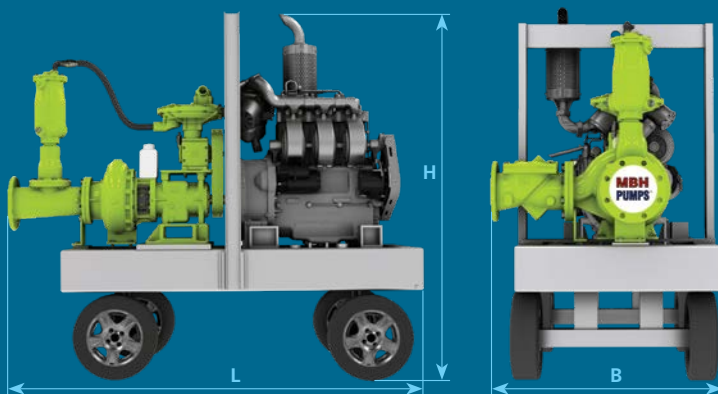
Pump Casing: Cast Iron
Impeller: SS 304
Mechanical Seal Face: Silicon Carbide v Silicon Carbide
Pump shaft: SS 410

Engine Specification :

Engine Model	HA294	HA394	HA494
Engine Make	Kirloskar Oil Engine		
Power (BHP)	23	38	52
Speed (rpm)	1800	1800	1800
No. of Cylinders	2	2	2
Cooling Type	Air Cooled		
Fuel Type	Diesel		

Autoprime Pumps

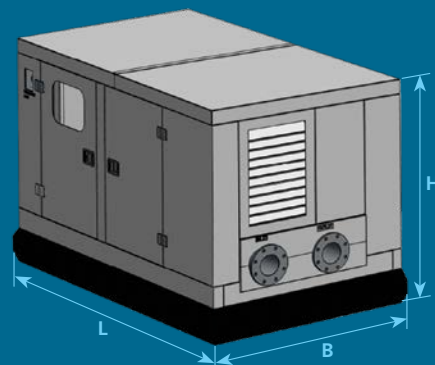
Mobile TROLLEY Integration



Dimension in mm

Model	L	B	H
MBH-LD-4L	1940	1130	1843
MBH-LD-6L	2070	1130	1870
MBH-LD-8L	2200	1130	2002

CANOPY Attachment



Dimension in mm

Model	L	B	H
MBH-LD-4L	2435	1500	1625
MBH-LD-6L	2565	1500	1625
MBH-LD-8L	2695	1500	1755

Specifications and performance are subject to change without prior notice.
Images used are for illustration purpose only.



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