

*Versatile, really robust and  
definitely reliable*



*We move **SOLIDS***

**LD Series**  
**Autoprime Dewatering Pumps**  
Datasheet Booklet

**MBH<sup>®</sup>**  
**PUMPS**

# LD Series Autoprime Dewatering 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.

Autoprime pumps for Flood relief, Disaster management,  
Construction dewatering, Sewage bypass and Groundwater control.

Flow rate upto 550 m<sup>3</sup>/hr  
Maximum head upto 45 m  
Solid handling 75 mm

50 CFM vacuum pump  
Upto 9 m suction lift  
Capable to run dry

Electric skid / Diesel operated / Silent canopy  
Available sizes 4", 6", 8"

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





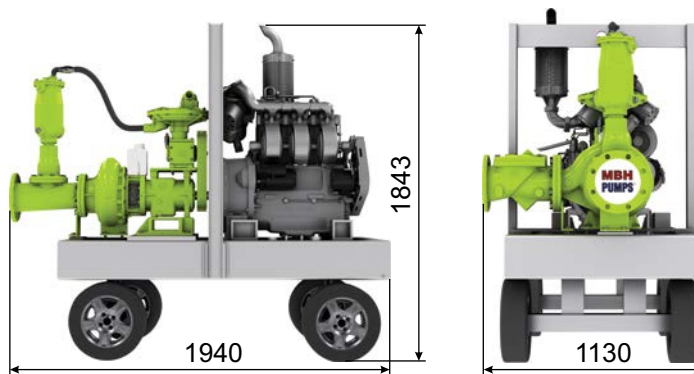
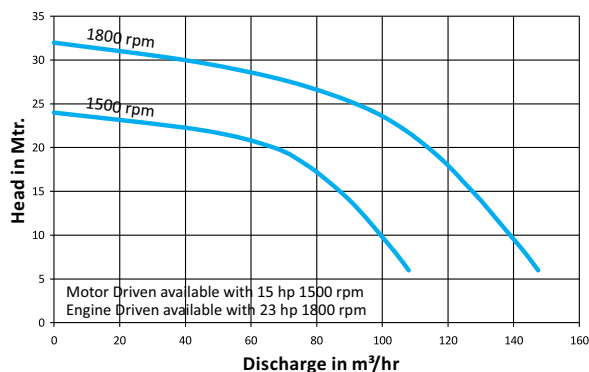
## Applications

- **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

# LD Series Autoprime Dewatering Pumps



## MBH LD 4L



All Dimension are in mm

## Technical Data

Pump Information		
Model Number	MBH LD 4L D18	MBH LD 4L E15
Delivery Connection	4"	4"
Suction Connection	4"	4"
Max Capacity	150 m³/hr	110 m³/hr
Max Head	32 mtr	24 mtr
Max Impeller diameter	265 mm	265 mm
Max Operating Speed	1800 rpm	1500 rpm
Max Operating Temperature	80°C	80°C
Max Solids Handling	50 mm	50 mm
Max Power	23 hp Engine	15 hp Electric Motor
Driver Options	Kirloskar HA294 Emissions Rating Tier 2	4 Pole, 50 Hz Emissions Rating IE2 / IE3
Priming		
Vacuum Pump	Diaphragm type	Diaphragm type
Air Evacuation Pump	50 CFM	50 CFM
Materials		
Pump Casing	Cast Iron	Cast Iron
Pump Shaft	Stainless Steel	Stainless Steel
Impeller	Stainless Steel	Stainless Steel
Non-return Valve Body	Cast Iron	Cast Iron
Mechanical Seal Faces	SIC / SIC	SIC / SIC
Options		
Available Mounting Configuration	Drag skid, Silent cannopy, Towable Trolley	Drag skid, Silent cannopy, Towable Trolley
Available Mounting Configuration	Silent cannopy+ Towable trolley	Silent cannopy+ Towable trolley
Available Mounting Configuration	Standard Baseframe mounted for Fix Installation	Standard Baseframe mounted for Fix Installation
Seawater Application	Seawater worthy Wetends and Shaft (CD4MCU)	Seawater worthy Wetends and Shaft (CD4MCU)
Features and benefits		
	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system

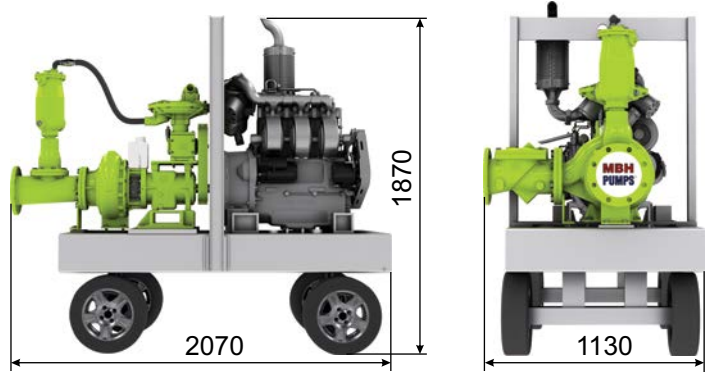
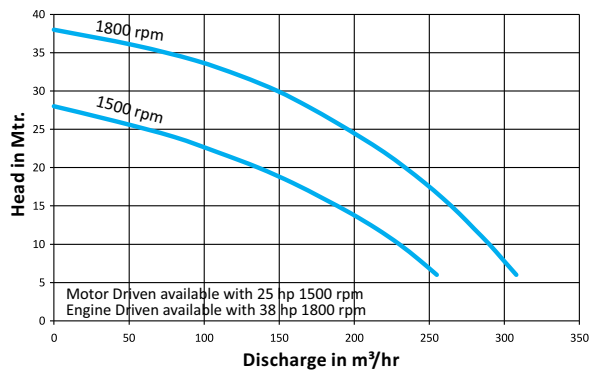
For further information, see data sheets. Specifications can be changed without notice.



# LD Series Autoprime Dewatering Pumps



## MBH LD 6L



All Dimension are in mm

## Technical Data

### Pump Information

Model Number	MBH LD 6L D18	MBH LD 6L E15
Delivery Connection	6"	6"
Suction Connection	6"	6"
Max Capacity	310 m³/hr	255 m³/hr
Max Head	38 mtr	28 mtr
Max Impeller diameter	265 mm	265 mm
Max Operating Speed	1800 rpm	1500 rpm
Max Operating Temperature	80°C	80°C
Max Solids Handling	70 mm	70 mm
Max Power	38 hp Engine	25 hp Electric Motor
Driver Options	Kirloskar HA394 Emissions Rating Tier 2	4 Pole, 50 Hz Emissions Rating IE2 / IE3

### Priming

Vacuum Pump	Diaphragm type	Diaphragm type
Air Evacuation Pump	50 CFM	50 CFM

### Materials

Pump Casing	Cast Iron	Cast Iron
Pump Shaft	Stainless Steel	Stainless Steel
Impeller	Stainless Steel	Stainless Steel
Non-return Valve Body	Cast Iron	Cast Iron
Mechanical Seal Faces	SIC / SIC	SIC / SIC

### Options

Available Mounting Configuration	Drag skid, Silent canopy, Towable Trolley	Drag skid, Silent canopy, Towable Trolley
Available Mounting Configuration	Silent canopy+ Towable trolley	Silent canopy+ Towable trolley
Available Mounting Configuration	Standard Baseframe mounted for Fix Installation	Standard Baseframe mounted for Fix Installation
Seawater Application	Seawater worthy Wetends and Shaft (CD4MCU)	Seawater worthy Wetends and Shaft (CD4MCU)

### Features and benefits

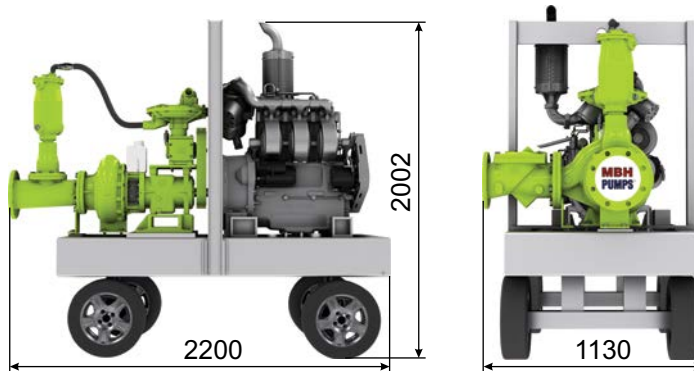
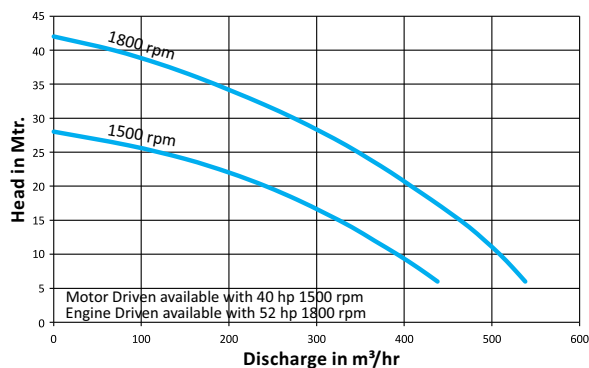
	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system
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For further information, see data sheets. Specifications can be changed without notice.

# LD Series Autoprime Dewatering Pumps



## MBH LD 8L



All Dimension are in mm

## Technical Data

Pump Information		
Model Number	MBH LD 8L D18	MBH LD 8L E15
Delivery Connection	8"	8"
Suction Connection	8"	8"
Max Capacity	530 m <sup>3</sup> /hr	430 m <sup>3</sup> /hr
Max Head	42 mtr	28 mtr
Max Impeller diameter	265 mm	265 mm
Max Operating Speed	1800 rpm	1500 rpm
Max Operating Temperature	80°C	80°C
Max Solids Handling	85 mm	85 mm
Max Power	52 hp	40 hp
Driver Options	Engine	Electric Motor
	Kirloskar HA494	4 Pole, 50 Hz
	Emissions Rating Tier 2	Emissions Rating IE2 / IE3
Priming		
Vacuum Pump	Diaphragm type	Diaphragm type
Air Evacuation Pump	50 CFM	50 CFM
Materials		
Pump Casing	Cast Iron	Cast Iron
Pump Shaft	Stainless Steel	Stainless Steel
Impeller	Stainless Steel	Stainless Steel
Non-return Valve Body	Cast Iron	Cast Iron
Mechanical Seal Faces	SIC/SIC	SIC/SIC
Options		
Available Mounting Configuration	Drag skid, Silent canopy, Towable Trolley	Drag skid, Silent canopy, Towable Trolley
Available Mounting Configuration	Silent canopy+ Towable trolley	Silent canopy+ Towable trolley
Available Mounting Configuration	Standard Baseframe mounted for Fix Installation	Standard Baseframe mounted for Fix Installation
Seawater Application	Seawater worthy Wetends and Shaft (CD4MCU)	Seawater worthy Wetends and Shaft (CD4MCU)
Features and benefits		
	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system	Indefinite Run-dry capabilit, Extreme Flow Technology, Environmentally safe priming system

For further information, see data sheets. Specifications can be changed without notice.

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“ Fresh water is becoming increasingly scarce worldwide.  
That is why we consider it as our responsibility to develop pumps  
and systems that can use to obtain and use this precious resource  
in the most efficient way possible – now and in the future.”

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



**mbh pumps (gujarat) pvt. ltd.**

14, G.I.D.C. Naroda Indl. Estate,  
Ahmedabad - 382 330, India.  
+91-79-2282 3066 / 2282 1018  
[marketing@mbhpumps.com](mailto:marketing@mbhpumps.com)  
[exports@mbhpumps.com](mailto:exports@mbhpumps.com)  
[www.mbhumps.com](http://www.mbhumps.com)

