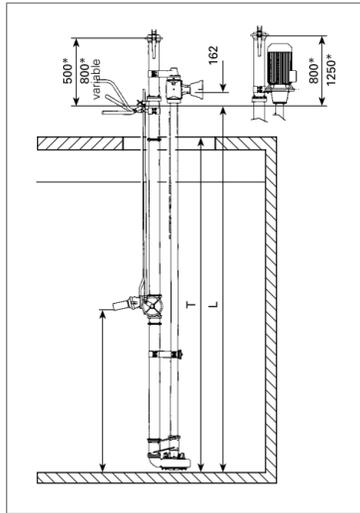
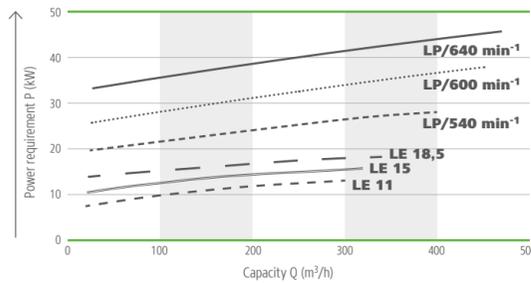
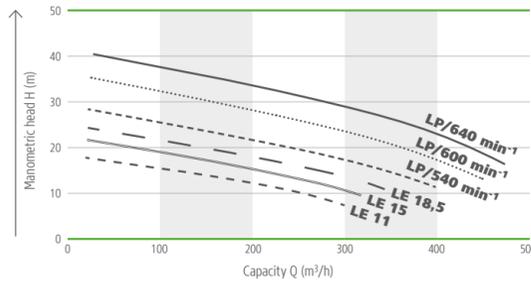


- Construction length 2 – 5 m, with graduations of 0.5 m.
- Minimum pit opening 60 x 80 cm.
- All LE and LP pumps are available without, with one or with two stirring nozzles.



\*) Connector HK 133, optional length mm

Head curve



All values apply to water

Technical data MAGNUM LP/LE

Model	Pit depth T* m	Length L m
2,0	2,30	2,73
2,5	2,80	3,23
3,0	3,30	3,73
3,5	3,80	4,23
4,0	4,30	4,73
4,5	4,80	5,23
5,0	5,30	5,73

\*) inkl. pit cover

Model	Driving power Tractor kW	Driving power Electric kW	Driving speed rpm	Capacity m³/h	Head m
MAGNUM LP 55	40	–	540	40–360	28,5–15
MAGNUM LE 11	–	11,0	1.500	40–240	17–11
MAGNUM LE 15	–	15,0	1.500	40–270	20–12
MAGNUM LE 18,5	–	18,5	1.500	40–300	22–13

- > TAUCHMOTORPUMPEN
- > OBERFLURPUMPEN
- > LANGWELLENPUMPEN

PRODUCTS FROM OUR SLURRY PROGRAM



**MTXH**  
Tractor mixer



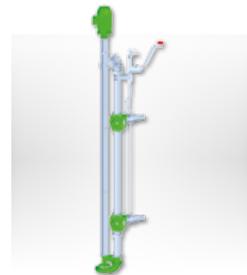
**MSXH**  
Submersible motor mixer



**SEPARATOR**  
Press screw separator for solid-liquid separation



**SEPARATOR PLUG & PLAY**  
System for portable slurry separation



**MAGNUM LEE/LEC**  
Long shaft pump



**MAGNUM SM**  
Thick matter pump gear unit design



**MAGNUM CSPH**  
Submersible motor pump gear unit design



**HELIXDRIVE**  
Eccentric screw pump



**MAGNUM SX**  
Thick matter pump gear and pedestal pump



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Subject to change / MAGNUM LP/LE / 1.2018

WASTE WATER TREATMENT

**MAGNUM LP / LE**

SUBMERSIBLE PUMPS AND LONG-SHAFT PUMPS



EN

# MAGNUM LP/LE

Horizontal and vertical stirring nozzle adjustment ensures perfectly homogenised slurry

The transport of liquid mediums is an essential factor on farms as well as in the industry for the functioning of the whole system:

- efficiency
- feeding of separators
- high recognition value
- various drive options
- maintenance friendly



- 1 Sturdy, permanently-lubricated angle gearing.
- 2 Hot-dip galvanized pump trolley for transporting the pump with the tractor including a sturdy rope winch, for turning the pump and lowering as well as lifting it into and out of the pit.



### Hydraulic lifting frame

The hydraulic lifting frame with two hydraulic cylinders and control valves enables a more comfortable handling of the pump. It makes it much easier to tilt, lower and lift the pump into the pit.



### Easy to handle

Trolley hooked up to the tractor's 3-point linkage with effortless ease.

### Typical applications:

- Pumping\*
- Tanker filling
- Rinsing and cleaning
- Transfer between pits

\*) Due to the higher driving power available, MAGNUM LP 55 is suited particularly for heavy-duty stirring performance and pumping of thick sludge with a higher solids content.



### Stirring nozzle with large swivel range

Offers enormous stirring performance. Breaks up even extremely thick and viscous floating crusts in no time. The pump chops up all solids and stringy materials and mixes them to a homogenous pulp.



MAGNUM LP 55 in operation



Permanently installed LE model used for transfer

- 1 The cast iron three-way cock can be switched to stirring or pumping even under pressure.
- 2 The drive shaft running in oil bath has multiple bearings and seals and an exchangeable stainless steel bush.
- 3 Double pump-shaft bearing absorbs heavy shocks.
- 4 The mixing nozzle can be turned through 220° horizontally as well as 30° down and 15° up in vertical direction.
- 5 Open slurry impeller designed particularly for thick slurries.
- 6 The robust hyperbolic cutter chops up stringy material with effortless ease and prevents it from winding around and blocking up the system. The high-quality tool-steel cutters are readjustable, their cutting edges can be used fourfold.
- 7 Pump housing of special cast iron with large 160 mm dia. intake.
- 8 Top intake ensure that no heavy foreign objects and stones are sucked in by the pump. This avoids clogging when the pump is immersed in the floating crusts.

