

Long Shaft Slurry Pump MPG & TPG

Available as 4", 5" or 6" and with motors from 5.5 – 30 kW there is a Landia Long Shaft Pump for almost any slurry application.

The MPG & TPG pump can pump slurry with a high concentration of solids – significantly more than the "average" slurry pump. The unique pump design with pump suction from the top and the special auger further improves the capability of pumping slurry containing lots of straw.

We offer individual pump solutions with a choice of different options such as fixed- or adjustable mixing nozzles, two-way valves, transfer pipe and pump length up to 6 m.



Option: Adjustable bottom flushing.

- Seven motor sizes from 5.5 to 30 kW
- 4", 5" or 6" discharge
- Capacity up to approximately 450 m³/hour

Special features:

- Chopping knives are standard – prevents clogging of pump
- Knife system available in two versions: standard or extended
- Auger system helps feeding the pump
- Also available for PTO operation



Chopping knives of hardened steel and auger conveyor assure that solids are shredded and thus eliminate pump inlet clogging.



Right angle gear for PTO operation
Optimum efficiency:
540 rpm. for 4"/5" pumps
and 1000 rpm. for 6" pumps.

Landia slurry pump type TPG and MPG

Pipe dimension: 4" (ø114), 5" (ø140) or 6" (ø168).

■ Performance and specifications: (Valid in water)

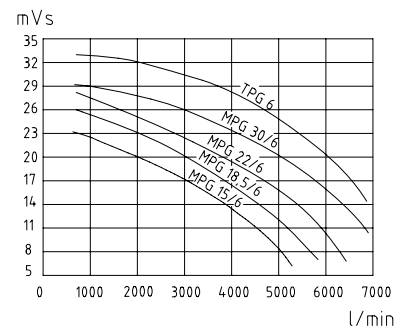
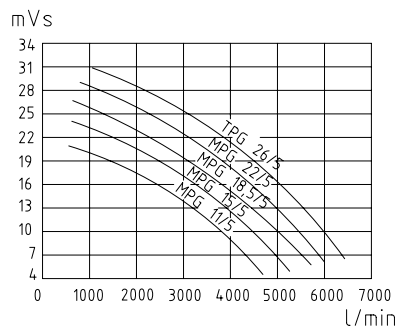
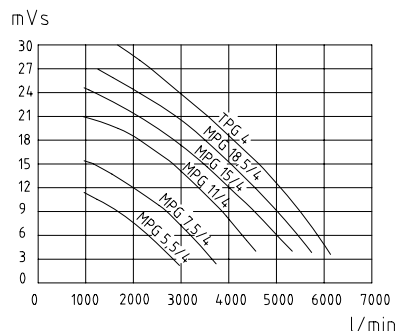
Article no.	Rated power kW	Consumption at 3x400 V amp	Weight approx. kg	Pump type	Performance at 4 m head			Max Head, m
					Thin ~ l/min.	Medium ~ l/min.	Very thick ~ l/min.	
2109402	20*	--	300	TPG4	5600	4750	2800	21,5
2004422	5,5	11,0	300	MPG5,5/4	2300	1950	1150	9,5
2004423	7,5	15,0	300	MPG7,5/4	3200	2700	1600	10,5
2004424	11,0	21,5	300	MPG11/4	4100	3500	2050	14,5
2004425	15,0	29,0	300	MPG15/4	4800	4100	2400	17,0
2004430	18,5	35,0	300	MPG18,5/4	5200	4500	2550	19,5
2109502	26*	--	350	TPG5	5850	5250	3500	21,5
2004523	11,0	21,5	350	MPG11/5	4200	3750	2500	14,5
2004524	15,0	29,0	350	MPG15/5	4850	4350	2900	17,0
2004525	18,5	35,0	350	MPG18,5/5	5500	4950	3300	19,5
2004534	22,0	43,0	370	MPG22/5	5700	5100	3400	20,5
2109603	37**	--	400	TPG6	7650	7250	5350	23,0
2004621	15,0	29,0	400	MPG15/6	5100	4850	3550	17,0
2004623	18,5	35,0	400	MPG18,5/6	5750	5450	4000	19,0
2004624	22,0	43,0	400	MPG22/6	6350	6000	4450	20,0
2004625	30,0	57,0	400	MPG30/6	7000	6650	4900	21,0

*Power requirement for 4"/5" TPG-pumps at 540 rpm on the power take off.

**Power requirement for 6" TPG-pumps at 1000 rpm on the power take off.

Pump diagrams:

The diagrams are applicable for water (0% dry matter content)



Standard slurry pumps are supplied with right angle gears or electric motors, as well as auger and knife system. Drainage pipe, bottom flushing equipment, two-way tap and PTO shaft are available as optional equipment.

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We reserve the right to make technical alterations.

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