

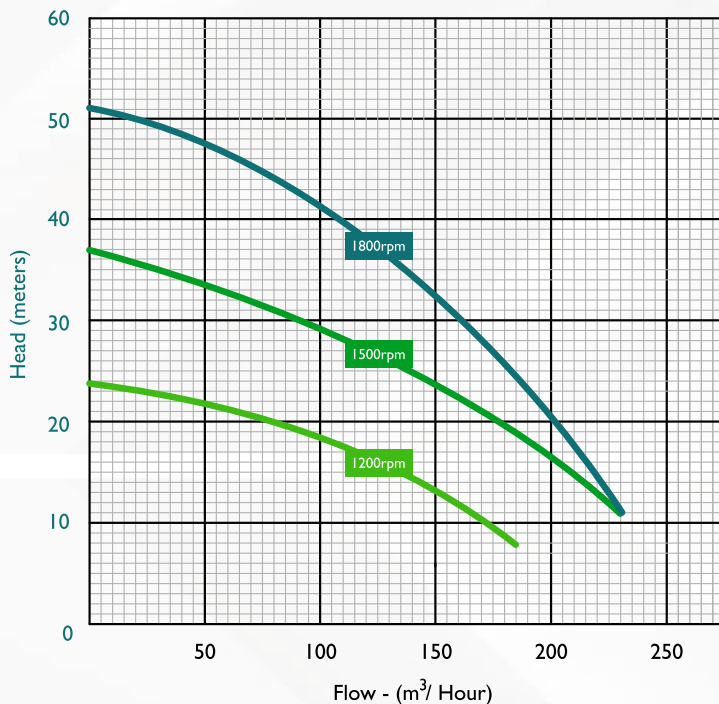
HYDRAULIC SUBMERSIBLE SLURRY PUMP



Hydraulic Submersible Slurry Pump

APPLICATIONS & DATA

- Construction Site Dewatering Activities
- River water and dam desilting
- Power plant ash removal and cleaning
- Lagoon dredging and silt removal
- Harbour and dry-dock cleaning
- Sewage and waste transfer
- Steel slag transport
- Open pit mine dewatering
- Mine tailings recovery and reprocessing
- Minerals processing - separation, purification, concentration
- Rolling mill scale and metal cutting swarf transport



Side Cutters (optional)

Suitable Excavator Range	10 Ton - 30 Ton (Without Side Cutters)
Oil flow rate required for 1500 rpm*	93 lpm (Without Side Cutters)
Oil Pressure required for pumping slurry up to 2 kg/l sg **	196 bar (Without Side Cutters)
Maximum Pumped Slurry Specific Gravity (sg)	2.0 kg/l
Maximum Pumped Slurry Solids Content	55 % by weight
Maximum Pumped Particle Size	32 mm dia
Recommended pH Range	4-10
Weight of Pump with Quick Hitch Frame	525 kg (Without Side Cutters)
Maximum Submergence Depth ***	28 m

* Recommended pump operational speed is in the range of 1200 to 1800 rpm.

* Oil flow rates need adjustment to work within the full speed range (73 lpm for 1200 rpm) & (108 lpm for 1800 rpm)

** Maximum recommended Oil Pressure is 400 bar

*** Submergence below the liquid level



Tata Hitachi Construction Machinery Company Private Limited

Registered Office: Jubilee Building, 45 Museum Road, Bangalore, India 560025

Telephone: +91 80 6695 3301 / 02 / 03 / 04 / 05 | Toll Free : 1800 121 6633

Email: info@tatahitachi.co.in | Website: www.tatahitachi.co.in | [f](#) [t](#) [in](#) [@](#) [v](#)

Authorised Dealership

These specifications are subject to change without prior notice. The machine depicted may vary from the actual machine. Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment. Performance of the machine may vary with site and operating conditions encountered.