

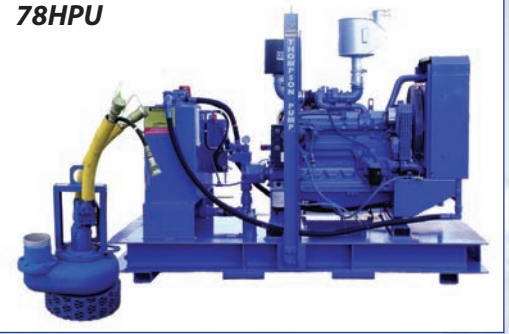
Hydraulic Submersible (HPU, HST)

Hydraulic Submersible pumps are designed to eliminate suction lift limitations that occur when pumping out of deep manholes or excavations that exceed 25 feet in depth. The heavy-duty cast iron and steel construction, which includes replaceable wear parts and a replaceable stainless-steel cut-water, is ideally designed to pump abrasive materials.

Applications

- Open pit and trench dewatering
- Rim ditches
- Manholes
- Sewer lines
- Bypass applications
- Pipeline dewatering
- Floodwater control
- Drainage irrigation
- Dewatering of gravel pits, mines, quarries
- Sewage, sludge, slurries or muddy water

78HPU



Features

- Ability to place pump end in the pumping source
- Eliminates suction lift limitations
- Pumps efficiently at heads up to 240 feet
- Variable speed and flow
- Wide range of sizes from 3 to 12 inch
- Handles up to 4.25 inch solids
- Delivery and return hoses with quick disconnects
- Third line for seal blow-out protection (available on some models)
- Optional biodegradable lubricants for environmentally sensitive areas
- Economical to operate
- Available with auto start and variable speed controls
- Low oil level / high oil temperature shut-down system
- Tungsten carbide mechanical seal with Viton elastomers
- Replaceable wear plates
- Replaceable cut-waters (available on some models)

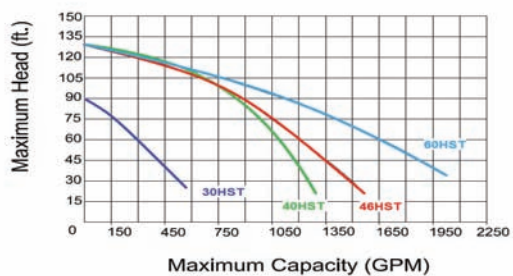
Model Specifications

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum Solids (In.)
30HST	3	590	90	1.75
40HST	4	1,300	130	3.00
46HST	6	1,550	130	3.00
60HST	6	2,000	130	3.00
68HST	8	2,300	75	3.00
80HST	8	2,600	140	3.00
88HST	8	3,300	240	3.00
120HST	12	7,200	100	4.25
Model	Max. Pressure** (PSI)	Flow** (GPM)	Reservoir (GPM)	
10HPU	2,800	14	30	
32HPU	2,800	36	60	
78HPU	2,300	82	50	

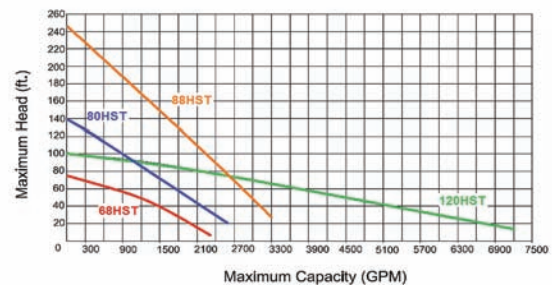
* Consult engineering data for exact maximum performance RPM

** Hydraulic Power Units are paired with Submersible Pump Ends to achieve a desired performance, unless otherwise requested. Consult engineering data or contact your representative for more information

HST Series Comparison



HST Series Comparison



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