



HPU & HST SERIES HYDRAULICALLY DRIVEN SUBMERSIBLE TRASH PUMPS



Hydraulically Driven Submersible Trash Pumps put the power to work where it's needed

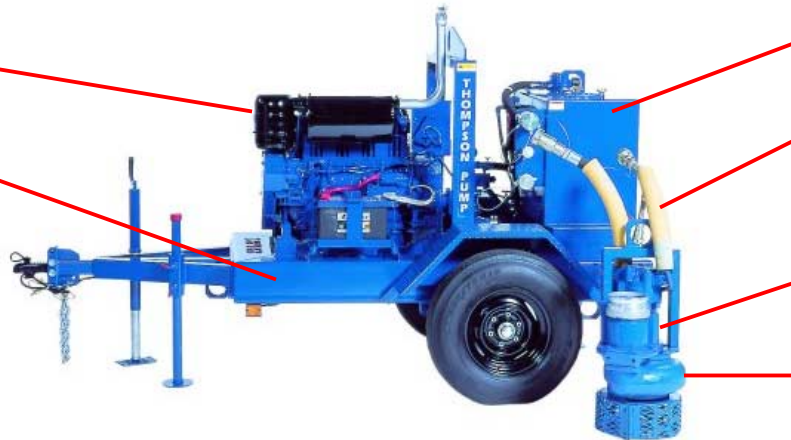
Hydraulic submersible pumps provide a powerful answer when high heads or high lifts become a factor on job sites. Decades of engineering excellence have led to the development of our unique variable speed and variable flow hydraulically driven submersible pumps. The power units and pumps are manufactured from heavy-duty cast iron and steel for high reliability. The design allows for maximum versatility in dewatering applications and pumping materials.

Various engine options available

Integral fuel tank (Skid or trailer options available.)

Some features not available on all models

Models shown:
Power Unit: 32HPU-DDST
Pump Model: 60HST



Oil Reservoir with high temperature and low oil level shutdowns

Oil delivery and return hose system with a third return line for seal blow out protection

Tungsten carbide mechanical seal

Cast iron casing, cast iron impeller, cast iron or stainless steel wear plate, and replaceable stainless steel cut water

FEATURES

- Ability to place the pump end in the pumping source
- Eliminates suction lift limitations
- Pumps efficiently at heads up to 130-feet
- Variable speed and flow
- Wide range of sizes from 3 to 12-inch
- Handles up to 4½-inch solids
- Up to 6,900-gpm capacity
- 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
- Low oil level and high oil temperature shut-down system
- Tungsten carbide mechanical seal with viton elastomers

APPLICATIONS

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

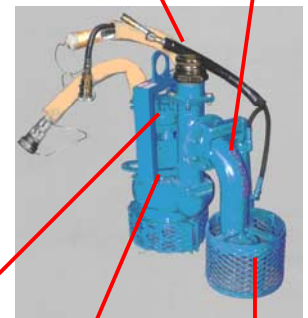
HYDRAULIC SUBMERSIBLE PUMP SLURRY GATE SYSTEM

The Slurry Gate is designed to agitate and transfer slurries efficiently with a single pump.

With modular design, it can easily connect to any 4 or 6-inch Hydraulic Submersible Pump End in minutes.

3/8" Slurry Gate hoses

Slurry Gate attachment



Heavy Duty steel construction

Hydraulic Submersible Pump

Slurry Gate Guard

In the interest of product improvement, we reserve the right to change specifications without incurring any obligation for equipment previously or subsequently sold. Capacity and Head are shown for comparative purposes. Consult engineering data for exact capabilities.

Coquitlam, BC, Tel.: (604) 941-6664 • Calgary, AB, Tel.: (403) 279-8371 • Edmonton, AB, Tel.: (780) 489-1961 • Saskatoon, SK, Tel.: (306) 933-4849
Winnipeg, MB, Tel.: (204) 235-0050 • Concord, ON, Tel.: (905) 760-7530 • Ottawa, ON, Tel.: (613) 225-9600 • Sudbury, ON, Tel.: (705) 560-2141
Thunder Bay, ON, Tel.: (807) 625-9960 • Pointe-Claire, QC, Tel.: (514) 695-0133 • Beauport, QC, Tel.: (418) 667-1694 • Val d'Or, QC, Tel.: (819) 825-0792
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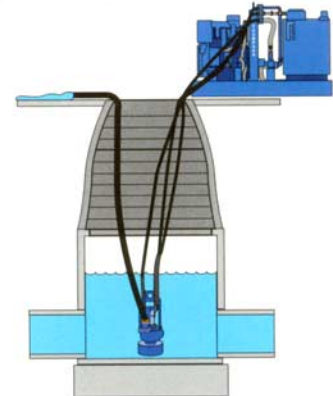
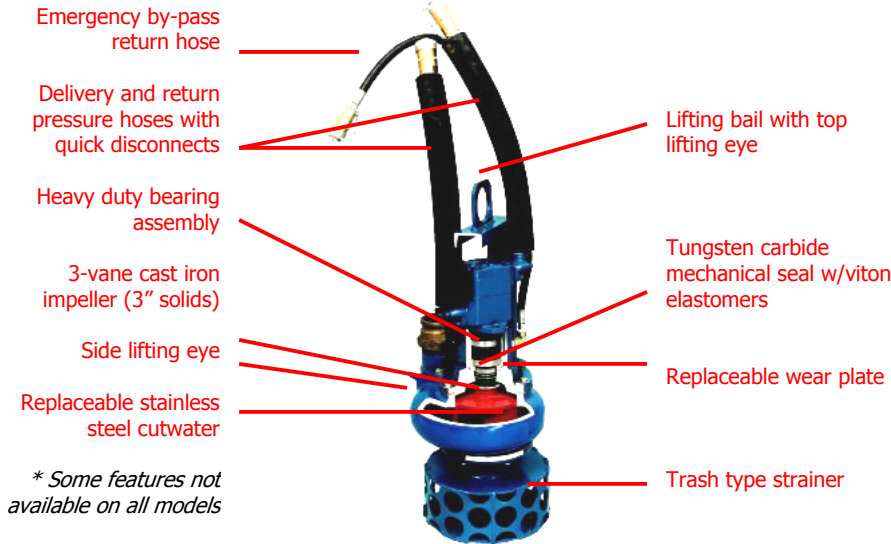
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SPECIAL FEATURES*



Typical manhole-sewer line dewatering application

WORKING PRINCIPLE

Hydraulically driven submersible pumps enable the power unit to remain high and dry while the pump head is submerged into the liquid being pumped. Therefore, there is no need to worry about suction lift limitations or priming problems.

These pumps are designed to run dry without damage to the components and are engineered to handle liquids from muddy, trash-laden water to sewage and sludge.

OPTIONS

- Picker crane
- Floation devices
- Hose reels
- Hose racks
- Slurry gate
- Jetting ring
- Tool boxes

MODEL SPECIFICATIONS

SUBMERSIBLE PUMP ENDS AVAILABLE*

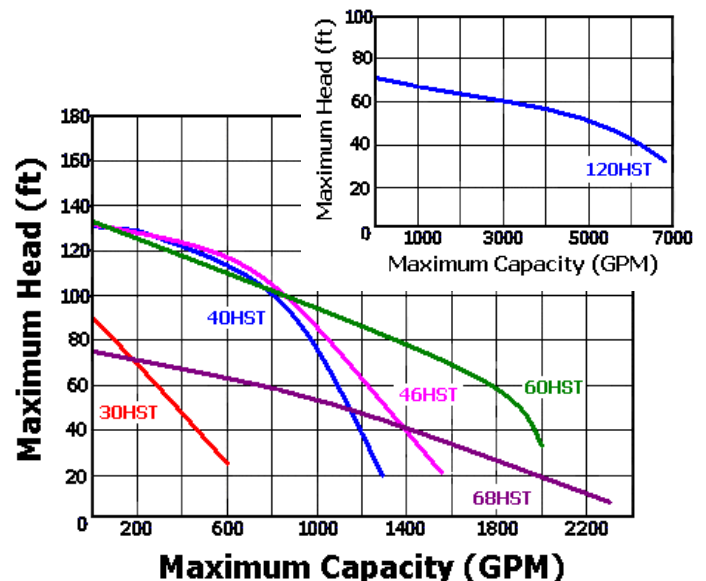
Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum Solids (In.)
30HST	3	590	93	1.75
40HST	4	1,300	150	3.00
46HST	6	1,580	115	3.00
60HST	6	2,000	105	3.00
68HST	8	2,300	95	3.00
120HST	12	6,900	100	4.50

HYDRAULIC POWER UNITS AVAILABLE**

Model	Max. Pressure** (PSI)	Flow** (USGPM)	Reservoir (USGPM)
10HPU	2,800	14	30
32HPU	2,800	36	60
62HPU	2,300	62	50
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.



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