

ENGINE DRIVEN PUMPS CENTRIFUGAL PUMP • TRASH PUMP • TRAILER MOUNTED

TSURUMI Engine Powered Pumps are constructed for maximum durability in a compact, easy handling design. Utilizing superior features and materials, Tsurumi provides an affordable, high value pump line designed to withstand your tough dewatering applications.

High chrome impeller, cast iron volute casing with stainless steel wear plate provides **increased durability and decreased maintenance** (Trash pumps only).

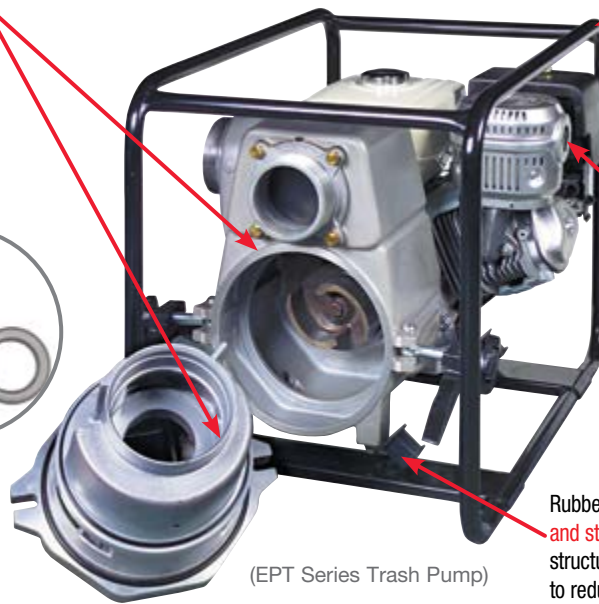
Durable Rolled-Steel frame provides for a safe, stable platform, **protects pump/engine during operation and transport**, and allows for easy handling.

Silicon Carbide mechanical seal provides **longer life**. Silicon Carbide's high uniform hardness and high density makes it an extremely abrasion resistant material.

Heavy-duty Honda or Vanguard gas engine delivers **high power** from a compact, reliable design.



Oil Alert System **automatically shuts the engine down** if the oil level falls below the safe operating level.



(EPT Series Trash Pump)

Rubber Vibration Isolators **ensure safe and stable operation**, reduce vibration of structural parts and support the pump casing to reduce hose or pipe strain.

TE SERIES GAS ENGINE CENTRIFUGAL PUMPS



TE3-50HA
2" Centrifugal Pump
Powered by Honda



TE3-50V
2" Centrifugal Pump
Powered by Vanguard



TE3-80HA
3" Centrifugal Pump
Powered by Honda



TE3-80V
3" Centrifugal Pump
Powered by Vanguard



TE2-100HA
4" Centrifugal Pump
Powered by Honda



TE2-25H
1" Compact Centrifugal Pump
Powered by Honda

EPT SERIES GAS ENGINE TRASH PUMPS



EPT3-50HA
2" Trash Pump
Powered by Honda



EPT3-50V
2" Trash Pump
Powered by Vanguard



EPT3-80HA
3" Trash Pump
Powered by Honda



EPT3-100HA
4" Trash Pump
Powered by Honda



EPT3-100V
4" Trash Pump
Powered by Vanguard

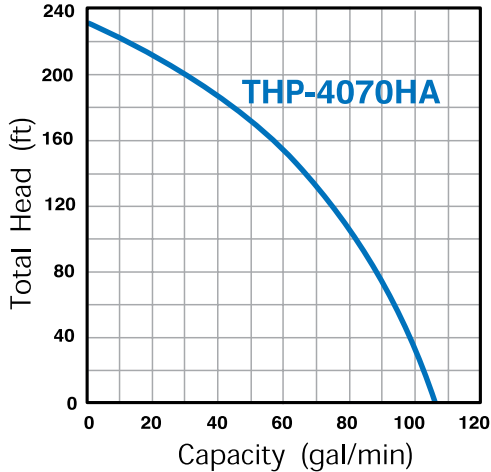
THP HIGH PRESSURE PUMP



THP-4070HA
1" / 1.5" High Pressure Pump
Powered by Honda

THP - GAS ENGINE HIGH PRESSURE PUMP

High pressure and high performance: A pump for sprinkling, irrigation and fire protection.



THP Series Features

- Heavy-duty Honda gas engine with oil sensor and Silicon Carbide mechanical seal provides longer life
- Maximum pressure of 100 PSI for high pressure applications
- Versatile 3-way discharge allows pump to run up to three discharge lines simultaneously
- Two 1" couplings and one 1 1/2" coupling
- High head, closed impeller and cast iron volute casing deliver high performance and long wear life

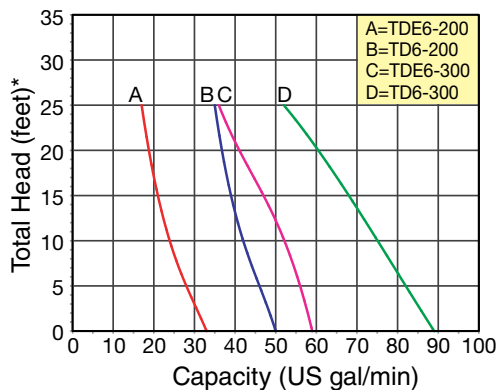
Optional Accessories - See page 24-27

- 1" or 1.5" Lexan nozzle
- 1" or 1.5" Mill hose
- 1" or 1.5" Suction hose

Model	Discharge Size	Suction Size	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
					Length	Width	Height	
THP-4070HA	1" x 2, 1.5" x 1 NPSH Coupling	1.5" NPSH Coupling	Honda GX-160	5.5 / 3600	21	16	18	62

TD6 DIAPHRAGM PUMP - GAS & ELECTRIC

Capable of continuous dry operation for seepage dewatering. Handles sand, mud and sludge. Both HONDA GX120 engine driven (TD6 Series) and electric motor (TDE6 Series) diaphragm pumps are available.



(*) Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0

TD6 / TDE6 Diaphragm Pumps Features

powered by Honda

- Sand cast aluminum construction for portability and durability
- Thermoplastic rubber diaphragm
- 2" or 3" NPT suction and discharge size
- 1-5/8" diameter solids handling capability
- Modular component design permits easy maintenance and cleanout
- Gas engine model: Honda GX120 (TD6) / Electric motor model (TDE6)
- Delivers up to 88 GPM (TD6-300) / 59 GPM (TDE6-300)
- 90° Rotatable base on all models
- Maximum temperature 180°F

Optional Accessories - See page 24-27

- Suction hose kits
- Discharge hose kits

Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
TD6-200	2" NPT Coupling	Honda GX-120	4 / 3600	43	20	23	165
TD6-300	3" NPT Coupling	Honda GX-120	4 / 3600	43	26	23	175
TDE6-200	2" NPT Coupling	N/A	4 / 1725	44	20	23	175
TDE6-300	3" NPT Coupling	N/A	4 / 1725	44	26	23	185

SPECIFICATIONS - ENGINE PUMPS: THP • TD(E) • EPT5-150

	THP-4070HA High Pressure Pump	TD6-200 2" Diaphragm Pump	TD6-300 3" Diaphragm Pump	TDE6-200 2" Electric Diaphragm Pump	TDE6-300 3" Electric Diaphragm Pump	EPT5-150HA 6" Trash Pump	EPT5-150KD 6" Trash Pump		
FLUID	Max. Capacity (GPM)	100	50	88	33	59	1000		
	Max. Capacity (GPH)	6000	3000	5280	1980	3540	60000		
	Max. Head (ft)	230	25				98	98	
	Max. Solid Diameter (in.)	0.197	1 1/2	1 5/8	1 1/2	1 5/8	3		
PUMP	Impeller Type	Closed	Diaphragm				Semi-Open		
	Impeller (Diaphragm) Material	Aluminum	TPE				Stainless Steel		
	Volute Casing Material	Cast Iron	N/A				Cast Aluminum		
	Wear Plate Material	Integral Part of Volute	N/A				Cast Iron		
	Pump Casing Material	Cast Aluminum	Sand Cast Aluminum				Aluminum		
	Shaft Seal - Type / Material	Silicon Carbide Mechanical Seal	N/A				Silicon Carbide / Buna		
	Seal Lubricant - Type	Water	N/A				Water		
	Discharge Connection	1x2", 1.5"x1 NPSH Coupling	2" NPT Coupling	3" NPT Coupling	2" NPT Coupling	3" NPT Coupling	6" NPT Coupling	6" NPT Coupling	
	Suction Connection	1.5" NPSH Coupling	2" NPT Coupling	3" NPT Coupling	2" NPT Coupling	3" NPT Coupling	6" NPT Coupling	6" NPT Coupling	
ENGINE	Brand	Honda			N/A		Honda	Call for Information	
	Model	GX-160	GX-120		N/A		GX-670		
	Type	Air-Cooled, 4-Cylinder with Oil Sensor			N/A		Air-Cooled V-Twin w/ Oil Sensor	Liquid Cooled, 4-Cycle, 3 Cylinder w/ Tach, Hour Meter / Oil Sensor	
	Output (HP)	5.5	4					24	23.4
	RPM	3600			1725		3600		
	Fuel	Unleaded Gasoline			Electric Motor (115V)		Unleaded Gasoline	Diesel	
	Fuel Tank Capacity (US Gallon)	0.95	0.5		Amperage 15.9 (115V) • 8 (230V)		20		
	Continuous Run Time Per Tank (hr.)	3.3	2	3	N/A		12		
	Starting Method	Recoil Starter			N/A		12V Electric Start, (Battery not included)		
DIMENSION	Length (inches)	21	43	43	44	44	99	99	
	Width (inches)	16	20	26	20	26	48	48	
	Height (inches)	18	23	23	23	23	60	60	
	Shipping Weight (lbs.)	62	165	175	175	185	1125	1250	