

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).

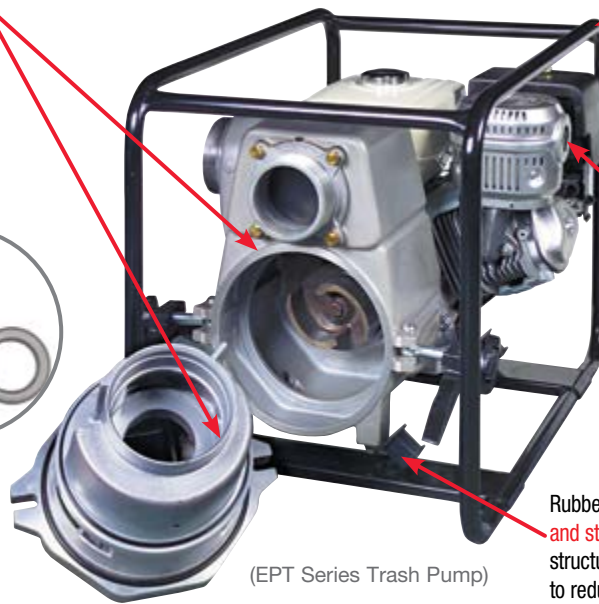
Durable Rolled-Steel frame provides for a safe, stable platform, **protects pump/engine during operation and transport**, and allows for easy handling.

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

EPT SERIES - GAS ENGINE TRASH PUMPS

Tsurumi EPT Series centrifugal pumps are powerful & lightweight pumps powered by heavy-duty **Honda and Vanguard engines**. Available in 1", 2", 3" and 4" NPT coupling suction sizes.



EPT3-50HA



EPT3-50V



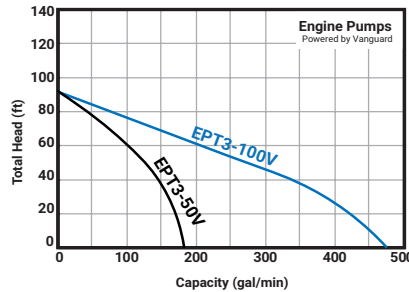
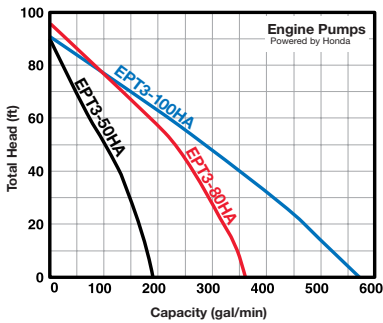
EPT3-80HA



EPT3-100HA



EPT3-100V



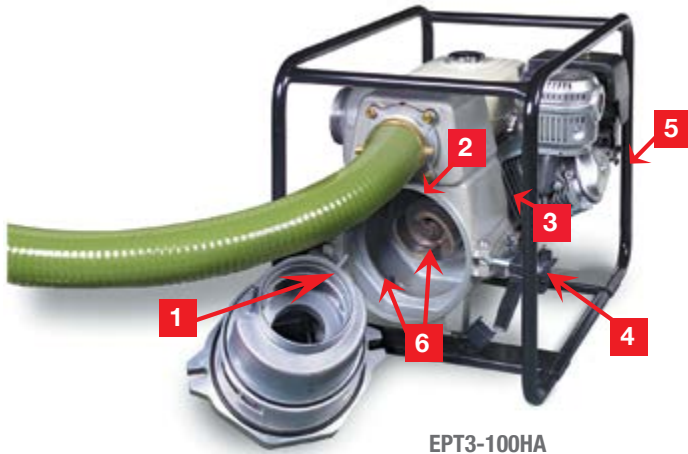
EPT Series Features

- Heavy-duty Honda gas engine with oil sensor delivers high power from a compact, reliable design. Silicon Carbide mechanical seal provides longer life
- High Chrome impeller, Cast Iron volute casing plus Stainless Steel wear plate promise increased durability and decreased maintenance
- Pump/engine set mounted to cage frame on Rubber Vibration Cushions to buffer stress and wear
- Durable Rolled-Steel frame provides pump/engine with maximum protection, perfect ease of handling or transport and safe operation
- Wheel Kit for easy transportation available with all trash pumps as an optional accessory

Optional Accessories - See page 24-27

Hose Kit, Hoses, Hose accessories, Wheel Kit

Tsurumi EPT Series Engine Trash Pump



EPT3-100HA

- 1 The clean-out door can be disassembled easily without taking off suction hose.
- 2 Designed with larger pump casing.
- 3 Heavy-duty Honda gas engine.
- 4 Mounted to cage frame on Rubber Vibration Cushions.
- 5 Durable rolled-steel frame.
- 6 High Chrome impeller, cast Iron volute casing, stainless steel wear plate

Model	Discharge / Suction Size	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT3-50HA	2" NPT Coupling	Honda GX-160	5.5 / 3600	23 1/4	18 1/4	17 3/8	92
EPT3-50V	2" NPT Coupling	Vanguard 160	5.0 / 3600	23 5/8	17 1/8	17 5/8	88
EPT3-80HA	3" NPT Coupling	Honda GX-240	8.0 / 3600	27 1/2	20 1/8	25 5/8	140
EPT3-100HA	4" NPT Coupling	Honda GX-340	14.0 / 3600	30 1/8	20 1/8	26	157
EPT3-100V	4" NPT Coupling	Vanguard 400	11.0 / 3600	28 15/16	20 1/4	22 3/8	157

SPECIFICATIONS - ENGINE PUMPS: TE • EPT

	TE2-25H	TE3-50HA	TE3-50V	TE3-80HA	TE3-80V	TE2-100HA	EPT3-50HA	EPT3-50V	EPT3-80HA	EPT3-100HA	EPT3-100V	
	1" Dewatering Pump	2" Dewatering Pump	2" Dewatering Pump	3" Dewatering Pump	3" Dewatering Pump	4" Dewatering Pump	2" Trash Pump	2" Trash Pump	3" Trash Pump	4" Trash Pump	4" Trash Pump	
FLUID	Max. Capacity (GPM)	34	137	137	264	264	476	185	185	357	569	476
	Max. Capacity (GPH)	2040	8200	8220	15840		28560	11100		21420	34140	28560
	Max. Head (ft)	115	105	92	105		92				95	92
	Max. Solid Diameter (in.)	0.197	0.217				0.787			1.22		
PUMP	Impeller Type	Semi-Open										
	Impeller Material	Cast Iron						High Chrome Casting				
	Volute Casing Material	Cast Iron										
	Wear Plate Material	Integral Part of Volute						Stainless Steel				
	Pump Casing Material	Die Cast Aluminum						Cast Aluminum				
	Shaft Seal - Type / Material	Silicon Carbide Mechanical Seal										
	Seal Lubricant - Type	Water										
	Discharge Connection	1" NPSH Coupling	2" NPT Coupling	2" NPT Coupling	3" NPT Coupling	3" NPT Coupling	4" NPT Coupling	2" NPT Coupling	2" NPT Coupling	3" NPT Coupling	4" NPT Coupling	4" NPT Coupling
	Suction Connection	1" NPSH Coupling	2" NPT Coupling	2" NPT Coupling	3" NPT Coupling	3" NPT Coupling	4" NPT Coupling	2" NPT Coupling	2" NPT Coupling	3" NPT Coupling	4" NPT Coupling	4" NPT Coupling
	ENGINE	Brand	Honda		Vanguard	Honda	Vanguard	Honda		Vanguard	Honda	
Model		GX-25	GX-120	160	GX-160	160	GX-240	GX-160	160	GX-240	GX-340	400
Type		Air-Cooled, 4-Cylinder w/ Oil Sensor		Air-Cooled, Single Cylinder w/ Oil Sensor	Air-Cooled, 4-Cylinder with Oil Sensor	Air-Cooled, Single Cylinder w/ Oil Sensor	Air-Cooled, 4-Cylinder w/ Oil Sensor		Air-Cooled, Single Cylinder w/ Oil Sensor	Air-Cooled, 4-Cylinder w/ Oil Sensor		Air-Cooled, Single Cylinder w/ Oil Sensor
Output (HP)		1.1	4	5	5.5	5	8	5.5	5	8	11	14
RPM		2220	3600									
Fuel		Unleaded Gasoline										
Fuel Tank Capacity (US Gallon)		0.15	0.66	0.82	0.95	0.82	1.59	0.95	0.82	1.6	1.7	1.61
Continuous Run Time Per Tank (hr.)		1.21	3	1.5	3.3	1.4	3.2	3.3	1.4	3.2	2.6	1.1
Starting Method	Recoil Starter											
DIMENSION	Length (inches)	9	18 1/2	19 15/16	20 1/2	19 15/16	25	23 1/4	23 5/8	27 1/2	30 1/8	28 15/16
	Width (inches)	14	14 5/8	15 11/16	16 1/2	15 11/16	18	18 1/4	17 1/8	20 1/8	20 1/8	20 1/4
	Height (inches)	13	17 1/8	17 15/16	18 1/8	17 15/16	23 1/2	17 3/8	17 5/8	25 5/8	26	22 3/8
	Shipping Weight (lbs.)	16	54	62	64	64	109	92	88	140	157	157