



GASOLINE ENGINE PUMPS

Centrifugal / Trash / High Pressure / Diaphragm



Printed on recycled paper



Amenics

CENTRIFUGAL PUMPS

2, 3 inch



TE2-50HA



TE2-80HA

Powerful, Lightweight Pumps With Silicon Carbide Mechanical Seals

Features

Engine:

Heavy-duty *Honda* gas engine with oil sensor deliver high power from a compact, reliable design.

Impeller and Volute Casing:

Cast Iron impeller and volute casing last long and guarantee low maintenance.

Cage Frame:

Durable *Rolled-Steel* frame provides pump/engine with maximum protection, perfect ease of handling or transport, and safe operation.

Mechanical Seal:

Reliable *Silicon Carbide* mechanical seal provides the longest life in this class.

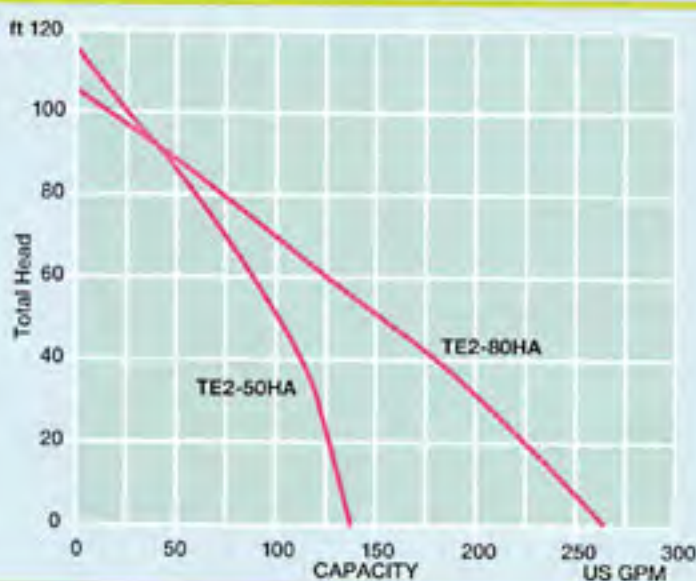
Shipping Weight:

Both 2" and 3" models are light enough for *UPS Shipment* to reduce shipping cost.

Rubber Cushion:

Pump/engine set mounted to cage frame on *Rubber Vibration Cushions* to buffer stress and wear.

Performance Curves



TRASH PUMPS

2, 3, 4 inch



EPT2-50HA



EPT2-80HA



EPT2-100HA

Powerful Trash Handling Pumps of Highest Quality

Features

Engine:

Heavy-duty *Honda* gas engine with oil sensor deliver high power from a compact, reliable design.

Mechanical Seal:

Reliable *Silicon Carbide* mechanical seal provides the longest life in this class.

Impeller, Volute Casing and Wear Plate:

High Chrome impeller, *Cast Iron* volute casing plus *Stainless Steel* wear plate promise increased durability and decreased maintenance.

Rubber Cushion:

Pump/engine set mounted to cage frame on *Rubber Vibration Cushions* to buffer stress and wear.

Cage Frame:

Durable *Rolled-Steel* frame provides pump/engine with maximum protection, perfect ease of handling or transport, and safe operation.

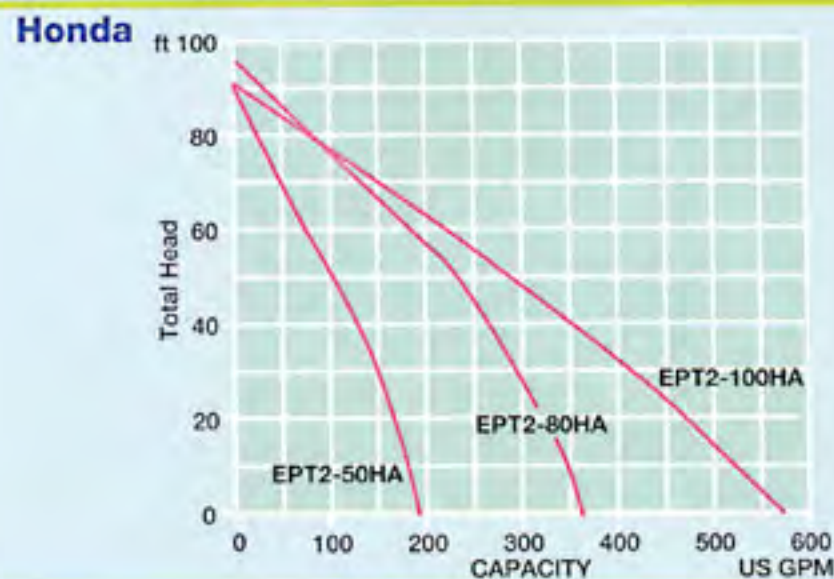
Hose Coupling:

Galvanized Steel hose couplings promise longer life of NPT thread.

Handle and Wheel Kit:

Carrying Handle and Wheel Kit for easy transportation available for all trash pumps as optional accessory.

Performance Curves



HIGH PRESSURE PUMP

1-1 1/2 inch



THP-4070HA

Powerful High Pressure Pump For Sprinkling, Fire-Fighting, Irrigation

Features

Engine:

Heavy-duty *Honda* gasoline engine with oil sensor delivers high power from a compact, reliable design.

Discharge Pressure:

Maximum pressure of 100 PSI appropriate for high pressure applications; sprinkling, fire-fighting, irrigation, water transfer to long/high distances, etc.

Multiple Discharge:

Versatile 3-way discharge coupling allows pump to run up to three discharge lines simultaneously. Two 1" couplings and one 1 1/2" coupling.

Mechanical Seal:

Reliable *Silicon Carbide* mechanical seal provides the longest life in this class.

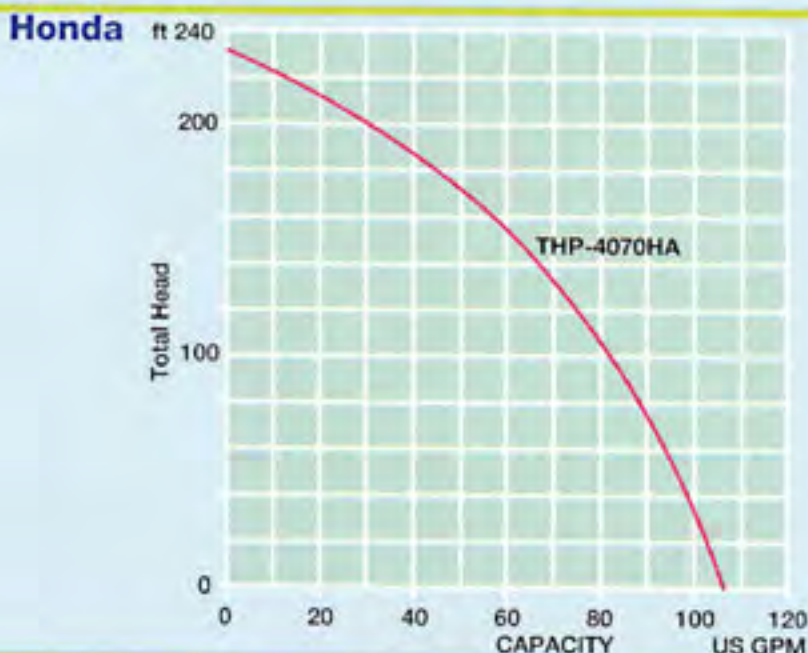
Rubber Cushion, Cage Frame:

Pump/engine set mounted to *Rolled-Steel* cage frame on *Rubber Vibration Cushions* to buffer stress and wear and provide maximum protection.

Impeller and Volute Casing:

High head, closed impeller and cast iron volute casing deliver high performance and long wear life.

Performance Curves



DIAPHRAGM PUMPS

2, 3 inch



Handle reversed for easy storage and transport



TD3-300

Powerful Sand, Mud and Sludge Handling Pumps

Features

Engine:

Heavy-duty *Honda* gasoline engine with oil sensor delivers high power from a compact, reliable design. Reduction drive in transmission allows for quiet operation and standard keyed-shaft engine for simple engine replacement.

Diaphragm and Check Valves:

Two-ply neoprene diaphragm and check valves with centered nylon reinforcement prevents weak spots, extends wear life and shelf life.

Easy Transport:

Durable square tube frame and balanced wheel assembly provides easy handling. Long handle allows operator to walk upright to reduce back strain when moving pump. Handle is reversible during operation, storage or transport. Lifting hook allows placement in hard to reach applications.

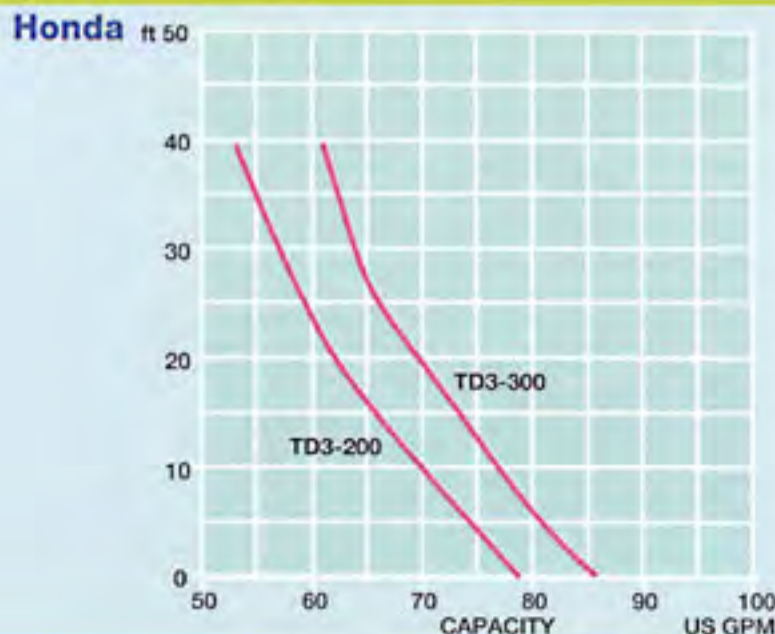
Pump Casing, Gear Box and Suction Chamber:

Heavy-duty aluminum casting main components provide light weight and maximum durability. Oil bath gear box speed reducer with hardened steel gears for long life. Suction chamber reduces inflow surge for smooth operation.

Applications:

Capable of continuous dry operation for seepage dewatering. Handles sand, mud, and sludge without clogging. Dewatering septic tanks, industrial sumps, sewage lines, and bilge pumping.

Performance Curves



Specifications / Honda Engines

Specs/Model	Centrifugal			Trash		High Pressure	Diaphragm	
	TE2-50HA	TE2-80HA	EPT2-50HA	EPT2-80HA	EPT2-100HA	THP-4070HA	TD3-200	TD3-300
Suction Size (in.)	2 NPT male	3 NPT male	2 NPT male	3 NPT male	4 NPT male	1.5 NPT male	2 NPT male	3 NPT male
Discharge Size (in.)	2 NPT male	3 NPT male	2 NPT male	3 NPT male	4 NPT male	1 x 2 & 1.5 x 1	2 NPT male	3 NPT male
Pump Max. Solid Size (in.)	-	-	1	1½	1½	-	1¼	2¼
Max. Capacity (US GPH)	8220	15840	11400	21600	34200	6350	4740	5190
Max. Discharge Head (ft.)	115	105	90	96	91	231	40	40
Honda	GX-120	GX-160	GX-160	GX-240	GX-340	GX-160KISX	GX-120HX	
Type	With Oil Sensor; Air-Cooled, 4-Cycle, Single Cylinder			With Oil Sensor; Air-Cooled, 4-Cycle, Single Cylinder		With Oil Sensor; Air-Cooled, 4-Cycle, Single Cylinder	With Oil Sensor; Air-Cooled, 4-Cycle, Single Cylinder	
Max. Output (HP/rpm)	4.0/3600	5.5/3600	5.5/3600	8.0/3600	11.0/3600	5.5/3600	4.0/3600	
Fuel	Unleaded Gasoline			Unleaded Gasoline		Unleaded Gasoline	Unleaded Gasoline	
Fuel Tank Capacity (US Gal)	0.66	0.95	0.95	1.6	1.7	0.95	0.66	
Continuous Run Time/ Tank (Hr.)	3.0	3.3	3.3	3.2	2.6	3.3	3.0	
Starting Method	Recoil Starter			Recoil Starter		Recoil Starter	Recoil Starter	
Shipping Dimensions (L x W x H in.)	18½ x 14½ x 17½	20½ x 16½ x 18½	23¼ x 18¼ x 17¾	27½ x 20½ x 25½	30½ x 20½ x 26	21 x 16 x 18	33½ x 31½ x 31	
Shipping Weight (lb)	55	64	82	136	160	62	155	

Specifications subject to change without notice.



Tsurumi (America), Inc. also offers a full line of portable and trailer mounted **Diesel Engine Driven Pumps** powered by **Robin** and **Deutz Diesel Engines**.

Contact your dealer, representative or Tsurumi direct for more information.