

Engine Powered Pumps

TSURUMI PUMP Engine Powered Pumps

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 in this class**. Silicon Carbide's high uniform hardness and high density makes it an extremely abrasion resistant material.

Heavy-duty Honda, Subaru gas engine, or Robin Hatz diesel 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.

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

Engine Powered Pumps

TE SERIES CENTRIFUGAL PUMPS

Powerful, Lightweight Pumps

Powered by heavy-duty, powerful **Honda GX series gas engines (TE-HA)**, or **Subaru EX Series gas engines (TE-RX)**.

TE2/TE3-HA Gas Engine Centrifugal Pumps *Powered by Honda*

- Heavy-duty Honda gas engine with oil sensor and Silicon Carbide mechanical seal provides longer life in this class.
- Cast Iron impeller and volute casing.
- Durable Rolled-Steel frame provides pump/engine with maximum protection, perfect ease of handling or transport, and safe operation.
- Rubber mounts on the pump and the frame.
- Both 2" and 3" models are light enough for UPS shipment.

TE5-RX Gas Engine Centrifugal Pumps *Powered by Subaru*

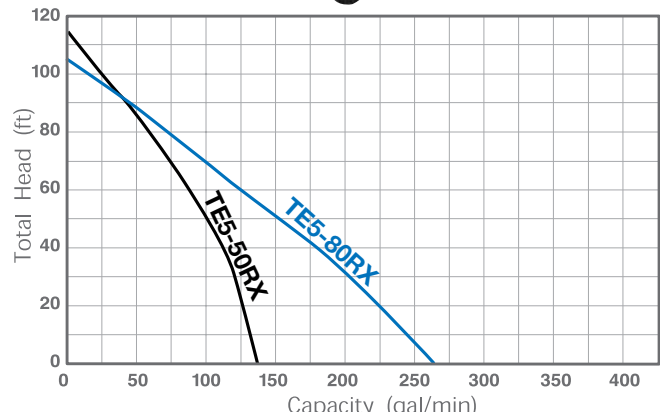
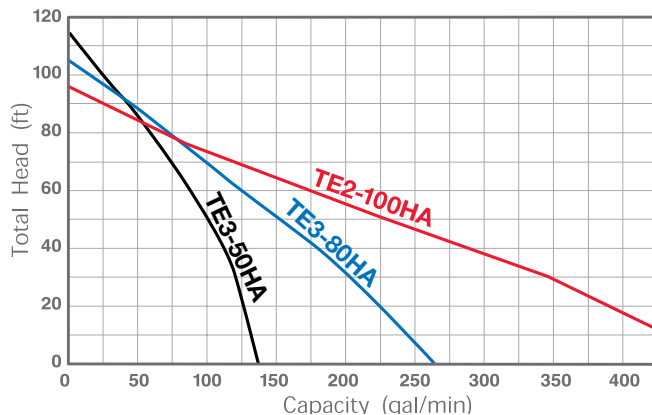
- Silicon Carbide mechanical seal provides the longest life in this class.
- Two inch economical high performance centrifugal engine pump.
- Extremely silent. Subaru EX Engine is two dBA quieter than competitive models.
- Easy and reliable starting. 30-40% less pulling force than competitive models.
- Rubber mounts on the pump and the frame.
- Low emission level and high capacity Air Cleaner.
- Heavy Duty Chain Drive OHC System.



Honda TE3-100HA



Subaru TE5-80RX



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
TE3-50HA	2 NPT male	Honda GX120	4.0 / 3600	18 1/2	14 5/8	17 1/8	55
TE3-80HA	3 NPT male	Honda GX160	5.5 / 3600	20 1/2	16 1/2	18 7/8	64
TE2-100HA	4 NPT male	Honda GX240	8.0 / 3600	25	18	23 1/2	109
TE5-50RX	2 NPT male	Subaru EX16	4.5 / 4000	20 1/2	16 1/2	18 7/8	60
TE5-80RX	3 NPT male	Subaru EX17	6.0 / 4000	20 1/2	16 1/2	18 7/8	64

Engine Powered Pumps

TE2-25HA CENTRIFUGAL PUMP

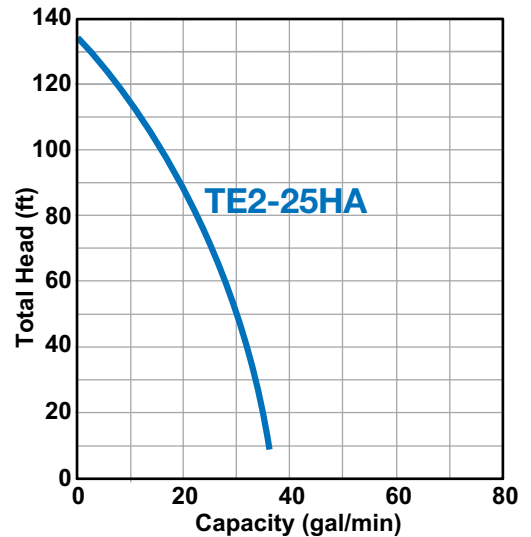
Compact and Lightweight

TSURUMI PUMP Model TE2-25HA is ideal for general dewatering, irrigation and all-purpose cleaning and wash down applications. Easy starting and quiet running is assured with its four stroke Honda GX25 engine. Built to be lightweight yet durable.

TE2-25HA Centrifugal Pumps Powered by Honda



- Heavy-duty Honda gas engine with oil sensor and Silicon Carbide mechanical seal provides longer life in it's class.
- Cast Iron impeller and volute casing.
- Durable Rolled-Steel handle for ease of handling.



Model	Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
TE2-25HA	1 Dewatering	Honda GX25	1.1 / 2220	9	14	13	12

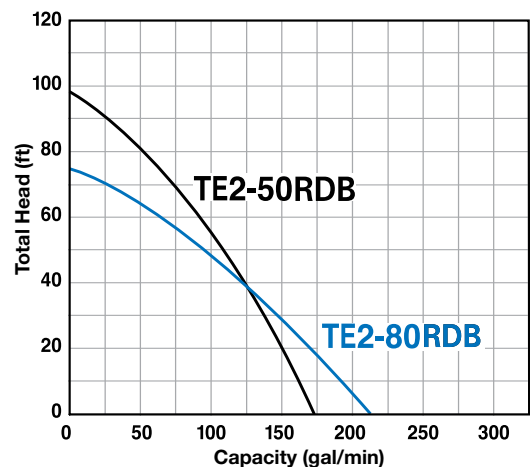
TE2-RDB CENTRIFUGAL PUMPS

Lightweight dependable dewatering pumps powered by Robin Hatz diesel Engine.

TE2-RDB Centrifugal Pumps Powered by Robin Hatz



- Heavy-duty Robin Hatz Diesel Engine
- Low emission level for cleaner environment
- Silicon carbide mechanical seals
- Cast iron volute casting
- Durable rolled-steel frame



Model	Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
TE2-50RDB	2 NPT male	Robin Hatz 1B20	4.9 / 10320	24 13/16	17 15/16	22 1/4	95
TE2-80RDB	3 NPT male	Robin Hatz 1B30	4.9 / 12720	24 13/16	17 15/16	22 1/4	97

Engine Powered Pumps

EPT SERIES GAS ENGINE TRASH PUMPS

Powerful Trash Handling Pumps of Highest Quality



- 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, and galvanized Steel hose couplings.



Engine Driven Trash Pump
powered by Honda
EPT3-50HA



Engine Driven Trash Pump
powered by Subaru
EPT3-80RX



Engine Driven Trash Pump
powered by Robin Hatz
EPT2-100RDB

Engine Powered Pumps

EPT3 SERIES ENGINE TRASH PUMPS

We have redesigned our portable trash pump series by increasing the size of the pump casing. Plus, we have installed an access door to the impeller that can be take off the volute casing without you having to remove the suction hose. **Powered by quality, dependable Honda and Subaru gas engines.**

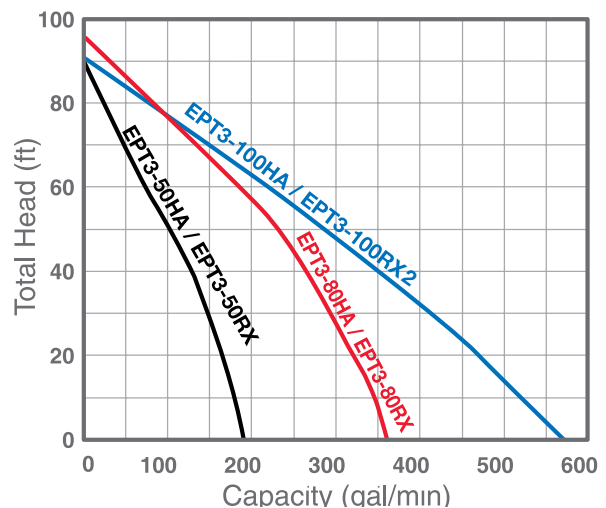
EPT3-HA Gas Engine Trash Pumps *Powered by Honda*

- Heavy-duty Honda gas engine with oil sensor delivers high power from a compact, reliable design. Silicon Carbide mechanical seal provides longer life in this class.
- 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.
- Galvanized Steel hose couplings promise longer thread life.
- Carrying Handle/Wheel Kit and Lifting Bail for easy transportation available with all trash pumps as an optional accessory.



EPT3-RX Gas Engine Trash Pumps *Powered by Subaru*

- Extremely Silent. Subaru EX gas Engine is two dB quieter than competitive models.
- Low emission level for cleaner environment.
- High capacity Air Cleaner.
- Heavy Duty Chain Drive OHC System.
- Easy and reliable starting. 30-40% less pulling force than competitive models.
- High Chrome impeller, Cast Iron volute casing plus Stainless Steel wear plate promises 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.
- Galvanized Steel hose couplings promise longer thread life.



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT3-50HA	2 NPT male	Honda GX160	5.5 / 3600	23 1/4	18 1/4	17 3/8	82
EPT3-80HA	3 NPT male	Honda GX240	8.0 / 3600	27 1/2	20 1/8	25 5/8	136
EPT3-100HA	4 NPT male	Honda GX340	11.0 / 3600	30 1/8	20 1/8	26	160
EPT3-50RX	2 NPT male	Subaru EX17	6.0 / 4000	23 1/4	18 1/4	17 3/8	82
EPT3-80RX	3 NPT male	Subaru EX27	7.0 / 4000	27 1/2	20 1/8	25 5/8	136
EPT3-100RX2	4 NPT male	Subaru EX36	11.5 / 4000	30 1/8	20 1/8	26	160

Engine Powered Pumps

EPT2-RDB DIESEL ENGINE PUMPS

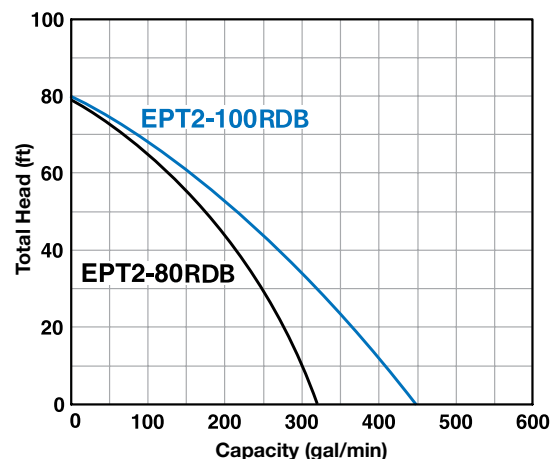
Powered by quality, dependable Robin Hatz Diesel engine. Built with the highest quality components for use on your toughest dewatering jobs.

EPT2-RDB Diesel Engine Trash Pumps

Powered by Robin Hatz



- Heavy-duty Robin Hatz Diesel Engine
- Low emission level for cleaner environment
- Silicon carbide mechanical seals
- Extremely quiet
- High capacity Air Cleaner
- Easy and reliable starting
- High chrome impeller
- Cast iron volute casting plus stainless steel wear plate
- Pump / engine set mounted to cage frame on rubber vibration cushions
- Durable rolled-steel frame
- Galvanized steel hose couplings



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT2-80RDB	3 NPT male	Robin Hatz 1B30	6.8 / 3600	26	19	24	128
EPT2-100RDB	4 NPT male	Robin Hatz 1B40	9.9 / 3600	26	19	26	193

THP HIGH PRESSURE PUMP

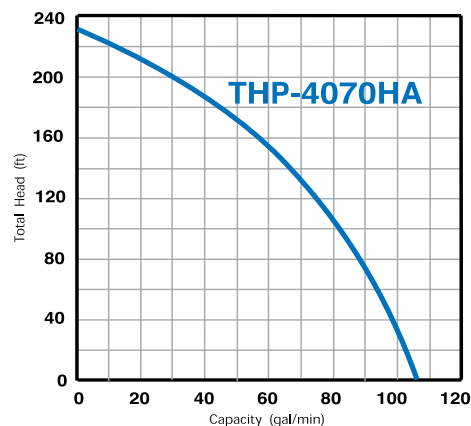
High Pressure and High Performance

A pump for sprinkling, irrigation and fire protection.

THP-4070-HA Features



- Heavy-duty Honda gas engine with oil sensor and Silicon Carbide mechanical seal provides longer life in this class.
- 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.



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
THP-4070HA	1-1/2 NPT male	Honda GX160	5.5 / 3600	21	16	18	62

Engine Powered Pumps

TD5 DIAPHRAGM PUMPS

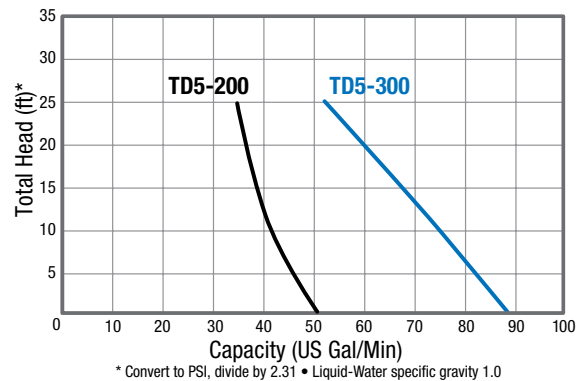
Powerful Sand, Mud and Sludge Handling Pumps

Capable of continuous dry operation for seepage dewatering. Handles sand, mud and sludge.



TD5 Diaphragm Pumps Features

- 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
- Engine Driven Model: Honda GX120
- Delivers up to 90 GPM
- Maximum Temperature 180°F



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
TD5-200	2	Honda GX120	4.0 / 3600	39	26	23	167
TD5-300	3	Honda GX120	4.0 / 3600	42	30	22	175

EPT4-150 HEAVY DUTY TRASH PUMP

Heavy Duty Prime Assisted & Sound Attenuated Priming Assisted Trash Pump



Priming Assisted: EPT4-150DPJD

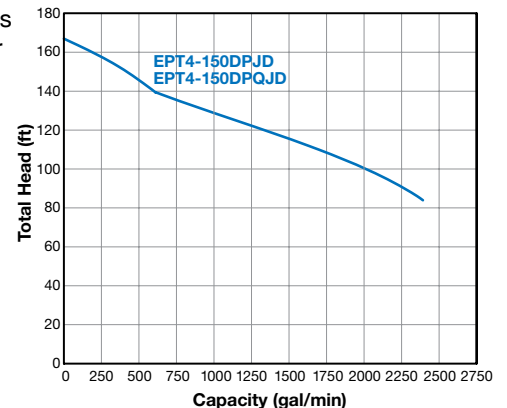


Sound Attenuated Priming Assisted: EPT4-150DPQJD

EPT4-150DPJD / EPT4-150DPQJD Features

powered by John Deere

- Vacuum assisted pump that primes and re-primers by use of a compressor running high pressure air across a venturi which creates a vacuum
- Heavy-duty John Deere diesel engine, water cooled, Model 4045TF280
- With electric start and 60 gallon fuel tank for a runtime at full of load of 24 hours!
- Passes 3"spherical solids
- Mechanical seal is tungsten and silicon carbide seal faces, viton elastomers, 303 stainless steel hardware and spring. Seal system designed for dry running.
- Heavy duty road trailer



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT4-150DPJD	6 Ansi Flange	John Deere	80 / 2400	136 1/2	67	67 7/8	3360
EPT4-150DPQJD	6 Ansi Flange	John Deere	80 / 2400	161 1/2	76 1/8	79 13/16	4800

Engine Powered Pumps

EPT5 SERIES GAS / DIESEL TRASH PUMP

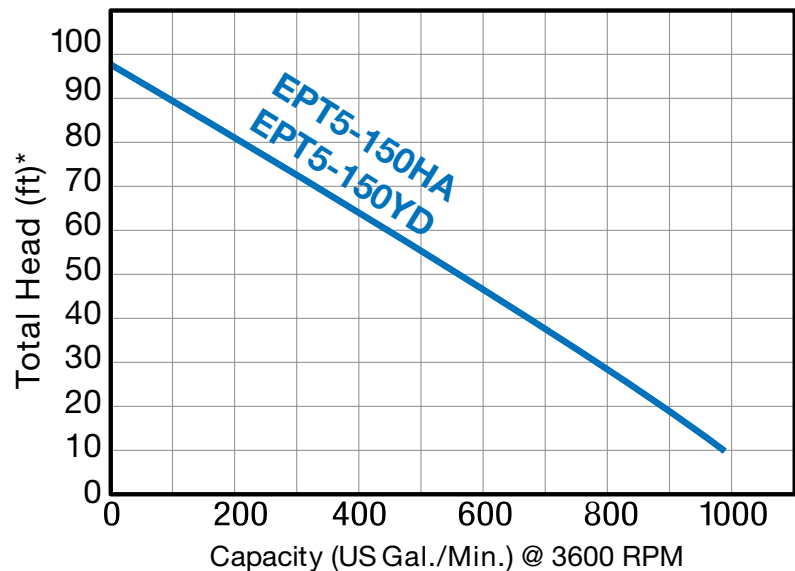
Industrial Duty 6" Trash Pump: Powered by Honda gas engine / Yanmar diesel engine

EPT5-150HA Gas Engine Trash Pump Features

EPT5-150YD Diesel Engine Trash Pump Features



- Cast Aluminum Casing and Adapter
- Cast Iron Seal Plate, Volute and Manifold
- Stainless Steel Impeller
- Silicon Carbide Mechanical Seal and Buna O-Rings and Flapper / Check Valve
- 6" NPT Port Size
- Self Priming to 20ft
- Available with Honda GX660 Gas Engine or Yanmar 3TNM72 Diesel Engine
- Solids Handling to 3" Diameter
- Unique Slide Mechanism permits complete service of pump without removing hoses or removing pump components from trailer (Patent Pending)
- Includes Seal Wash Feature for extended seal life
- 12 VDC Electric Start; Digital Tachometer / hourmeter included
- D.O.T. Approved Trailer - See your state and local codes for registration



* Convert to PSI , divide by 2.31 • Liquid-Water specific gravity 1.0

Model	Discharge Suction Size (inches)	Engine	Engine Manufacturer	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
					Length	Width	Height	
ETP5-150HA	6	Gasoline	Honda GX660	22.0 / 3600	99	48	60	1125
EPT5-150YD	6	Diesel	Yanmar 3TNM72	22.8 / 3600	99	48	60	1250

Engine Powered Pumps

EPT2-100DD/150DD HEAVY DUTY TRASH PUMP

Trailer Mounted Trash Pumps for Tough Jobs

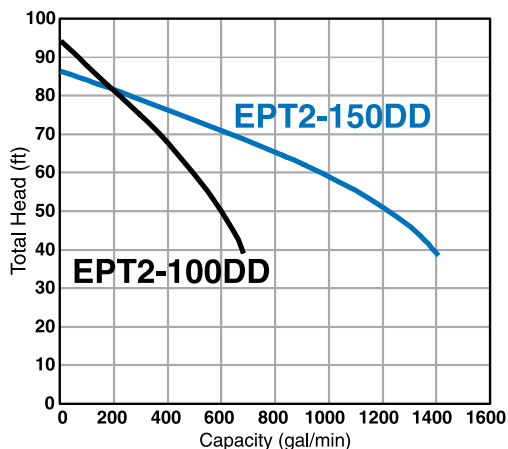
Dewatering to sewage, clean water to 3-inch solids—our trash pumps do it all.

EPT2-100DD / EPT2-150DD Diesel Trash Pump

Features powered by Deutz



- Heavy-duty Deutz diesel engine with electric start and 40 U.S. gallon fuel tank provides a minimum of 24 hours run time per tank.
- Pass 3" solids (EPT2-150DD) or 2" solids (EPT2-100DD) with non-clog, wear resistant ductile iron impeller on 304 stainless steel shaft sleeve.
- Oil and abrasion resistant, rubber-lined front and rear wear plates.
- Long-life grease lubricated tungsten carbide mechanical seals (optional oil lubricated seals available).
- Heavy-duty DOT road trailer with 15" 6-ply tires and 2" ball hitch (optional pintle hitch available).



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT2-100DD	4 NPT male	Deutz F2L1011	24.5 / 2800	100	63 1/2	59	1800
EPT2-150DD	6 NPT male	Deutz F3L1011	36 / 2800	100	63 1/2	59	2100

EPT3-150YD HEAVY DUTY TRASH PUMP

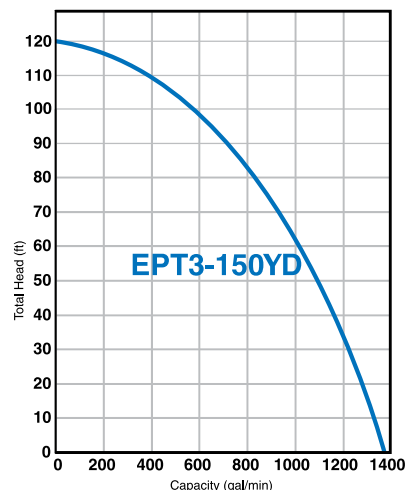
Powerful 6-Inch Self-Priming Trash Pump

EPT3-150YD Diesel Trash Pump

Features powered by Yanmar



- Powered by a heavy-duty water cooled Yanmar diesel engine - Model 3TNV88 featuring low emissions, noise, vibration, and lower fuel consumption.
- Capable of passing 3" solids and is designed for rugged applications in rental, construction, civil engineering, industrial, wastewater and agricultural applications.
- Constructed with a class 30 cast iron casing, two vane ductile iron impeller and replaceable ductile iron volute.
- Heavy-duty DOT road trailer with 15" 6-ply tires and 2" ball hitch (optional pintle hitch available).



Model	Discharge / Suction Size (inches)	Engine	Max. Output (hp/rpm)	Dimensions (inches)			Shipping Weight (lbs.)
				Length	Width	Height	
EPT3-150YD	6 NPT male	Yanmar 3TNV88	30 / 3000	108	60	69	1750