SUBARU

FUJI HEAVY INDUSTRIES LTD.,
TOKYO JAPAN

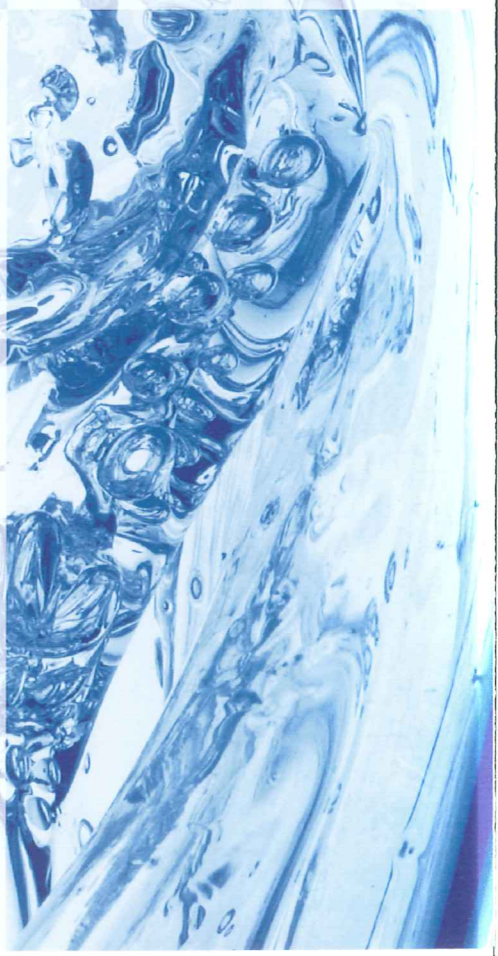
PTV Series

101/110/406T

PTX Series

201/301/401/201H
201ST/301ST
201T/301T
201D/301D





FUJI HEAVY INDUSTRIES LTD.

SELF PRIMING WATER PUMP

PTV101/110
PTX201/301/401

- SELF-PRIMING PUMP requires no water for subsequent pumping operation once initial pumping is done, and the pumping capacity is large.
- EFFICIENT, ECONOMICAL OPERATION is assured by directly coupled pump. It provides compactness and guarantees that power is not lost.
- WATER-RESISTING QUALITIES are prominent by adopting the mechanical seal made of ceramic-carbon, and the impellers made of special cast iron.
- HIGHLY ADVANCED ROBIN EX GASOLINE ENGINES, which ensure powerful and durable operation as well as easy maintenance and trouble-free operation.



PTV101



PTV110



PTX201

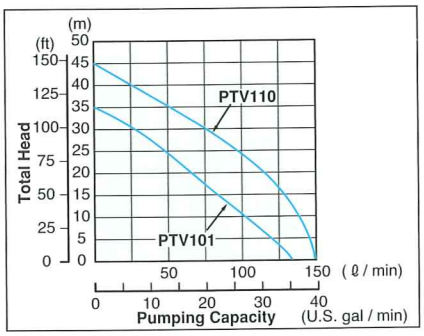


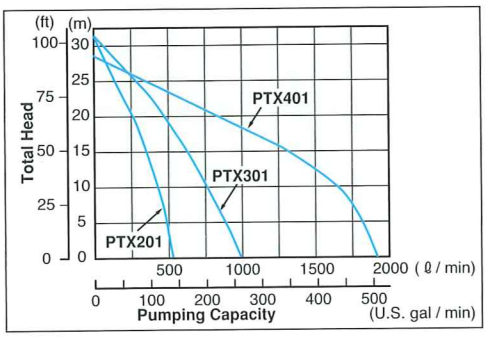
PTX301



PTX401

PERFORMANCE CURVE





STANDARD ACCESSORIES



PTV101/PTV110/PTX201/PTX201H

The above picture shows typical samples.
Material and design may vary by models.

SPECIFICATIONS

	Model	PTV101	PTV110	PTX201	PTX301	PTX401
PUMP	Type	Self-priming, Centrifugal				
	Suction×Delivery Diameters (mm) [in.]	25.4×25.4 [1×1]		50.8×50.8 [2×2]	76.2×76.2 [3×3]	101.6×101.6 [4×4]
	Total Head (m) [ft]	35 [115]	45 [148]	32 [105]	32 [105]	28 [92]
	Maximum Delivery Volume (L/min) [U.S.gal/min]	130 [34]	150 [40]	520 [137]	1000 [264]	1800 [476]
	Suction Head (m) [ft]	8 [26]				
	Axle Seal Material (Mechanical Seal)	Ceramic-carbon				
ENGINE	Model	EH025	EH035	EX13	EX17	EX27
	Type	Air-cooled, 4-stroke, OHV Gasoline engine		Air-cooled, 4-stroke, OHC Gasoline engine		
	Fuel	Automotive Unleaded Gasoline				
	Fuel Tank Capacity (L) [U.S.gal.]	0.5 [0.13]	0.65 [0.17]	2.7 [0.7]	3.6 [0.95]	6.1 [1.6]
	Starting System	Recoil Starter				
Dimensions (L×W×H) (mm) [in.]		331×213×345 [13.0×8.4×13.6]	356×234×339 [14.0×9.2×13.3]	470×344×414 [18.5×13.5×16.3]	527×368×417 [20.7×14.5×16.4]	610×425×565 [24.0×16.7×22.2]
Dry Weight (kg) [lb.]		5.8 [12.8]	6.7 [14.8]	24.9 [54.9]	27.6 [60.8]	44.5 [98.1]
Standard Accessories		Engine Tool Kit (1set), Strainer (1pc.), Hose Coupling (2pcs.), Hose Band (3pcs.)				

Specifications are subject to change without notice.

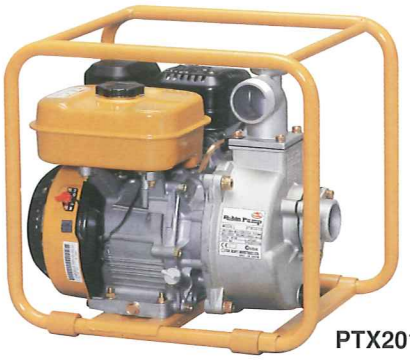
SELF PRIMING HIGH HEAD PUMP
PTX201H

- HIGH HEAD, HIGH PRESSURE
  Suitable for Sprinkler, Water-transfer to high place and Fire-fighting support works.
- EFFICIENT, ECONOMICAL OPERATION is assured by directly coupled pump.It provides compactness and no loss of power.
- HIGHLY ADVANCED ROBIN EX GASOLINE ENGINE, which ensure powerful and durable operation as well as easy maintenance and trouble-free operation.

SELF PRIMING SEMI TRASH PUMP
PTX201ST/301ST

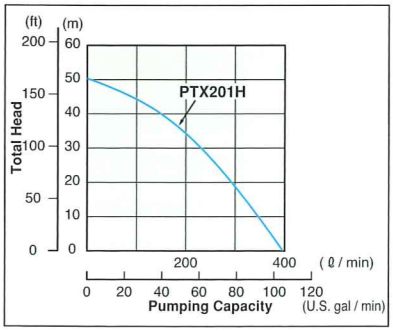
- SEMI TRASH PUMPS are designed for MIDDLE/HEAVY-DUTY applications where light debris prevents the use of standard water pumps.
- DURABLE AND TOUGH CONSTRUCTION
  MECHANICAL SEAL is made of Silicon-Carbide.
  IMPELLER and INNER CASING are made of harder cast Iron for heavy-duty applications. PUMP CASING is made of die-cast aluminum.
- SELF-PRIMING PUMP requires no water for subsequent pumping operation once initial pumping is done, and the delivery volume is extraordinarily large.

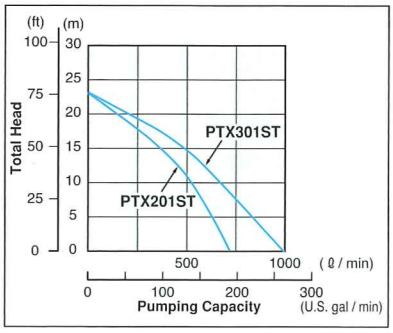

PTX201H


PTX201ST


PTX301ST

PERFORMANCE CURVE





STANDARD ACCESSORIES



PTX201ST/PTX301ST
The above picture shows typical samples.
Material and design may vary by models.

SPECIFICATIONS

	Model	PTX201H	PTX201ST	PTX301ST
PUMP	Type	Self-priming, Centrifugal, High Head	Self-priming, Centrifugal, Semi Trash	
	Suction×Delivery Diameters (mm) [in.]	50.8×50.8 [2×2]	50.8×50.8 [2×2]	76.2×76.2 [3×3]
	Total Head (m) [ft]	50 [164]	23 [75]	23 [75]
	Maximum Delivery Volume (L/min) [U.S.gal/min]	400 [106]	700 [185]	1000 [264]
	Suction Head (m) [ft]	8 [26]		
	Axle Seal Material (Mechanical Seal)	Ceramic-carbon	Silicon-carbide	
ENGINE	Model	EX17	EX13	EX17
	Type	Air-cooled, 4-stroke, OHC Gasoline engine		
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity (L) [U.S.gal.]	3.6 [0.95]	2.7 [0.7]	3.6 [0.95]
	Starting System	Recoil Starter		
Dimensions (L×W×H) (mm) [in.]		539×368×455 [21.2×14.5×17.9]	470×344×414 [18.5×13.5×16.3]	527×368×417 [20.7×14.5×16.4]
Dry Weight (kg) [lb.]		27 [59.5]	24.9 [54.9]	27.6 [60.8]
Standard Accessories		Engine Tool Kit (1set), Strainer (1pc.), Hose Coupling (2pcs.), Hose Band (3pcs.)		

Specifications are subject to change without notice.

SELF PRIMING TRASH PUMP

PTX201T/301T PTV406T

■TRASH PUMPS are specially designed for HEAVY-DUTY USE such as CONSTRUCTION SITES. They are capable of sucking solid debris up to 31 mm in diameter with 4" pump, 31 mm in diameter with 3" pump, and 20 mm in diameter with 2" pump.

■TOUGH AND POWERFUL PUMP
MECHANICAL SEAL is made of Silicon-Carbide, which vastly increases the durability of mechanical seal.
IMPELLER is made from Hi-chrome cast iron.
INNER CASING is made of cast-iron with stainless steel liner, which ensures long life and low maintenance.
PUMP CASING and FRONT COVER are made of cast aluminum.



PTX201T

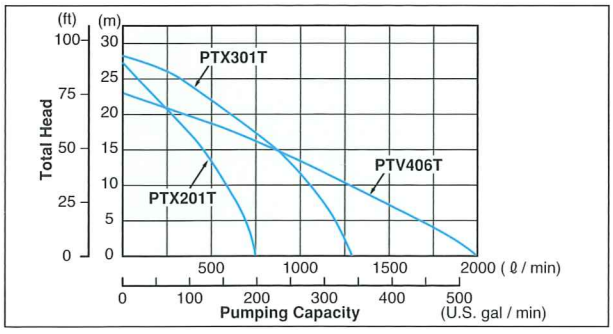


PTX301T



PTV406T

PERFORMANCE CURVE



STANDARD ACCESSORIES



PTX201T/PTX301T/PTV406T
The above picture shows typical samples.
Material and design may vary by models.

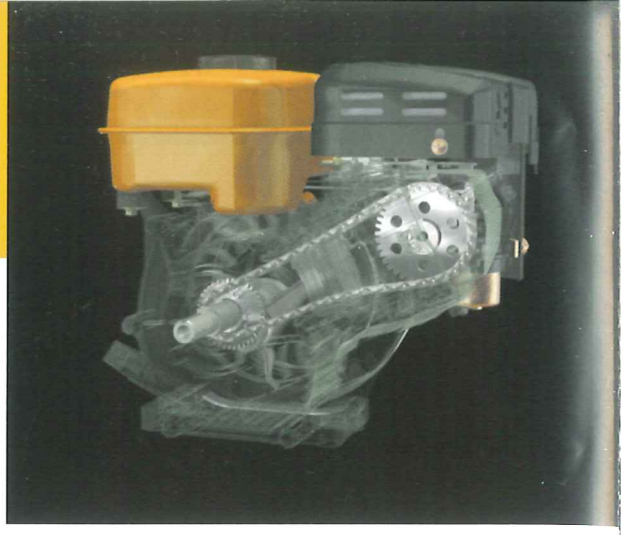
■SPECIFICATIONS

Model		PTX201T	PTX301T	PTV406T
PUMP	Type	Self-priming, Centrifugal,Trash		
	Suction×Delivery Diameters (mm) [in.]	50.8×50.8 [2×2]	76.2×76.2 [3×3]	101.6×101.6 [4×4]
	Total Head (m) [ft]	27 [89]	28 [92]	23 [75]
	Maximum Delivery Volume (L/min) [U.S.gal/min]	750 [198]	1300 [343]	2000 [528]
	Suction Head (m) [ft]	8 [26]		
	Axle Seal Material (Mechanical Seal)	Silicon-carbide		
ENGINE	Model	EX17	EX27	EH36
	Type	Air-cooled, 4-stroke, OHC Gasoline engine		Air-cooled, 4-stroke, OHV Gasoline engine
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity (L) [U.S.gal.]	3.6 [0.95]	6.1 [1.6]	7.0 [1.8]
	Starting System	Recoil Starter		
Dimensions (L×W×H) (mm) [in.]		570×436×397 [22.4×17.2×15.6]	672×484×610 [26.5×19.1×24.0]	730×485×635 [28.7×19.1×25.0]
Dry Weight (kg) [lb.]		34.5 [76.1]	48.5 [106.9]	69.4 [153.0]
Standard Accessories		Engine Tool Kit (1set), Strainer (1pc.), Hose Coupling (2pcs.), Hose Band (3pcs.)		

Specifications are subject to change without notice.

That's Extreme!

EX the Extreme Engines



EX engines are superior to engines in the same class.

EXtremely Silent - Soft Tone Quality

2dBA quieter and softer in tone than other engines in the same class.

EXtremely Easy Start - No Kick-back

Reliable Starting and Less Pulling Force are achieved by:

- Sophisticated Mechanical Compression System
- EX engines start instantly even at minus (-) 10 ℃, without any perceptible kick-back

EXtremely Advanced Technology

Extreme Reliability and Durability are achieved by:

- Employment of Heavy Duty Chain Driven OHC system
- Completely new design for Main Bearing Cover
- Superior cooling and lubrication system
- Large Ball Bearing on both ends of crankshaft
- Cast Iron Cylinder Liner resist wear

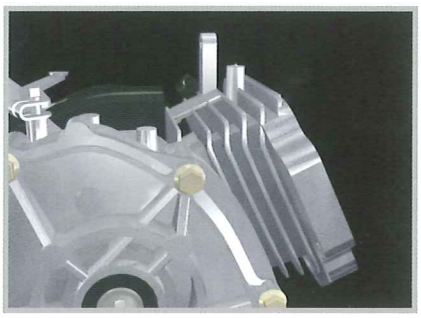
EXtreme Power and Performance

Extremely Higher Power and Lower Fuel Consumption are realized by:

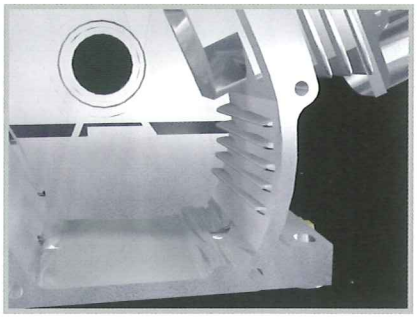
- High speed and homogeneous combustion achieved by sophisticated Pentroof Combustion Chamber with the Intake and Exhaust Valves located at optimum angle.
- Straight Intake Port with minimal air flow resistance

Environmentally Friendly

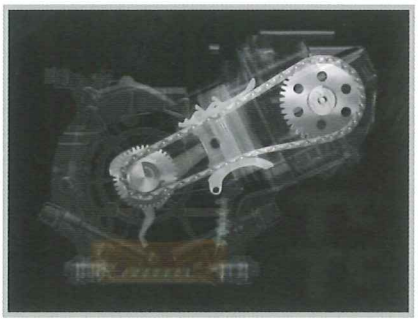
Comply with **EPA phase 2 and CARB Tier Ⅱ** Emission Regulations in the USA



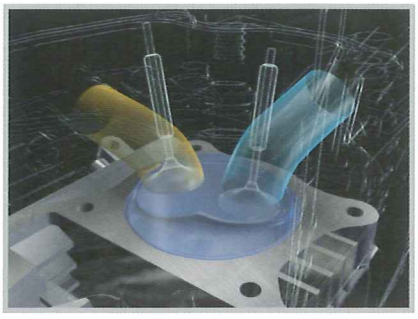
Slant Cooling Fins on Cylinder



Cooling Fins inside Crankcase



Lubrication System



Combustion Chamber

SELF PRIMING DIAPHRAGM PUMP PTX201D/301D

■COMPACT DESIGN & LIGHT WEIGHT

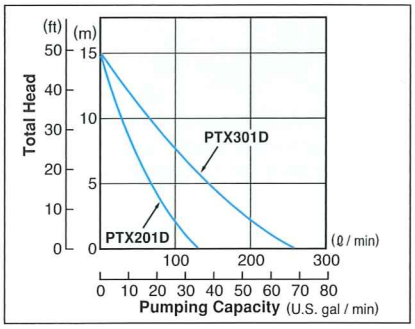
Pump housing and gear casing are made of heavy-duty die-cast aluminum, to keep weight down for easy transport between job sites.

■EASY MAINTENANCE

Rubber diaphragm and check valve are replaceable easily and instantly.

The gear unit does not require maintenance, because it is well greased before delivery.

PERFORMANCE CURVE



STANDARD ACCESSORIES



The above picture shows typical samples. Material and design may vary by models.



PTX201D



PTX301D

■SPECIFICATIONS

Model		PTX201D	PTX301D
PUMP	Type	Self-priming, Diaphragm	
	Suction×Delivery Diameters (mm) [in.]	50.8×50.8 [2×2]	76.2×76.2 [3×3]
	Total Head (m) [ft]	15 [49]	15 [49]
	Maximum Delivery Volume (L/min) [U.S.gal/min]	125 [33]	250 [66]
	Suction Head (m) [ft]	7.6 [25]	
	Axle Seal Material (Mechanical Seal)	—	
ENGINE	Model	EX13	EX27
	Type	Air-cooled, 4-stroke, OHC Gasoline engine	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity (L) [U.S.gal.]	2.7 [0.7]	3.6 [0.95]
	Starting System	Recoil Starter	
Dimensions (L×W×H) (mm) [in.]		614×370×510 [24.2×14.6×20.1]	660×420×510 [26.0×16.5×20.1]
Dry Weight (kg) [lb.]		38 [83.8]	45 [99.2]
Standard Accessories		Engine Tool Kit (1set), Strainer (1pc.), Hose Coupling (2pcs.), Hose Band (3pcs.)	

Specifications are subject to change without notice.

SUBARU

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