

Full Line
PUMPS



SUBARU

Industrial Power Products





Powered By **Subaru Engines**



Experience the Subaru package of performance:

- Less recoil pulling force, an electronic ignition system and automatic decompression means easy starting, every time and at every temperature.
- High power and torque, extended running times and high compression ratio ensure maximum power and premium performance in the most demanding applications.
- Cast-iron cylinder liners, high carbon steel crankshaft, steel ball bearings and electronic low oil shut-off maximize engine life with minimum maintenance.
- 5,000 service dealers in North America, and the most coveted 3-year warranty in the industry.



Reliability. Dependability. Serviceability. It all comes down to Subaru.

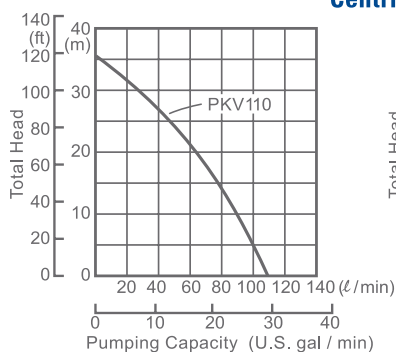
Pumps Centrifugal



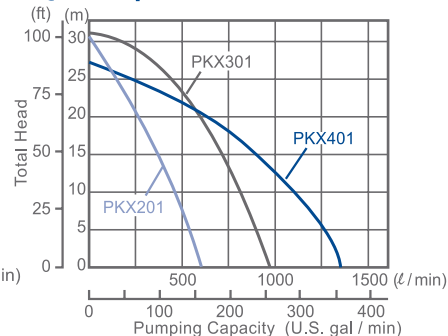
When there is water to be moved, projects to start and deadlines to meet – a reliable pump is a must. With a pump powered by Subaru's industry-leading 4-cycle engines, reliability is a given. Equipped with a self-priming mechanism for easy operation, and a steel roll cage for protection, our pumps will withstand the rigors of any application.

Pump Performance

- PKV110** 1-inch suction/discharge ports | 28 gpm maximum discharge capacity
- PKX201** 2-inch suction/discharge ports | 158 gpm maximum discharge capacity
- PKX301** 3-inch suction/discharge ports | 256 gpm maximum discharge capacity
- PKX401** 4-inch suction/discharge ports | 356 gpm maximum discharge capacity



Centrifugal Pumps



28-356 GPM

PKV110 | PKX201 | PKX301 | PKX401



Features & Benefits

- ① **Lightweight, Die-Cast Aluminum Pump Housing**
Offers durability against damaging debris.
- ② **Spheroidal Graphite Cast-Iron Volute**
Ensures superior performance and extends service life.
- ③ **Wear-Resistant, Heavy-Duty Cast-Iron Impeller**
Reduces maintenance.
- ④ **Premium Silicon-Carbide Mechanical Seal**
Shim system on impeller provides longer pump life.
- ⑤ **Steel Tubular Wraparound Frame**
Protects the pump, engine and all components from damage.

Pumps Semi-Trash



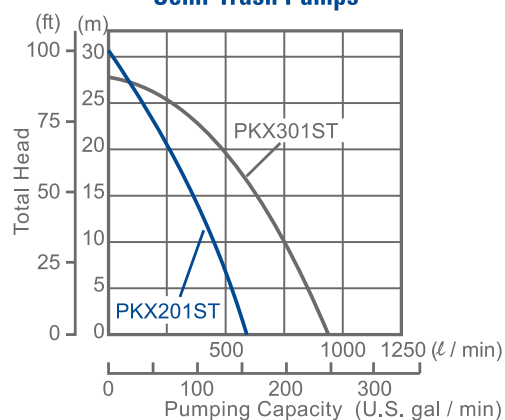
Designed to handle water with muck, silt and light debris, count on our semi-trash pumps for demanding water removal applications. Constructed with many of the same durable features as our trash pumps including a heavy-duty impeller and cast-iron volute, they're built rugged and reliable to withstand the wear of light abrasives.

Pump Performance

PKX201ST 2-inch suction/discharge ports | 153 gpm maximum discharge capacity

PKX301ST 3-inch suction/discharge ports | 246 gpm maximum discharge capacity

Semi-Trash Pumps



153-246 GPM

PKX201ST | PKX301ST



Features & Benefits

- ① **Lightweight, Die-Cast Aluminum Pump Housing**
Provides durability against damaging debris.
- ② **Spherodical Graphite Cast-Iron Volute**
Provides extra durability for abusive applications.
- ③ **Abrasion-Resistant, Spherodical Graphite Heavy-Duty Cast-Iron Impeller**
Reduces maintenance.
- ④ **Self-Lubricating Silicon-Carbide Mechanical Seal**
Enhances durability and performance. Shim system on impeller extends pump life.
- ⑤ **Steel Tubular Wraparound Frame**
Protects the pump, engine and all components from damage.

Pumps Trash



Premium performance, even in the most rigorous applications. That's what you can expect with Subaru's trash pumps. Oversized engines, robust seals, and quick clean out enable the efficient movement of large volumes of trash water. Available in gas and diesel models with pump capacities up to 449 gallons per minute, you won't find a more durable, reliable pump on the market.

Pump Performance

PKX201T 2-inch suction/discharge ports | 185 gpm maximum discharge capacity

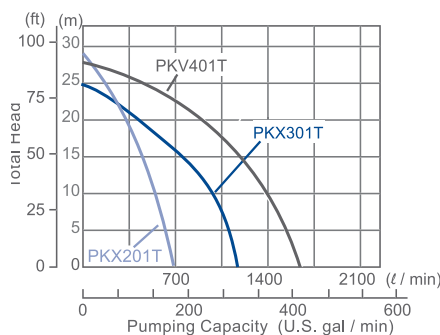
PKX301T 3-inch suction/discharge ports | 314 gpm maximum discharge capacity

PKV401T 4-inch suction/discharge ports | 428 gpm maximum discharge capacity

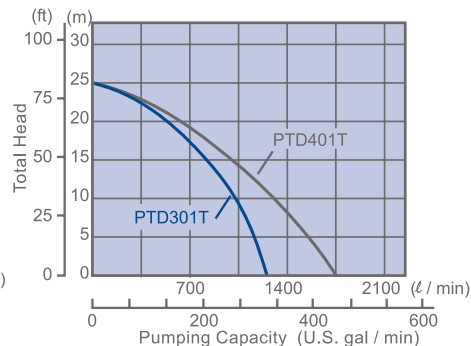
PTD301T 3-inch suction/discharge ports | 317 gpm maximum discharge capacity

PTD401T 4-inch suction/discharge ports | 449 gpm maximum discharge capacity

Trash Pumps



Diesel Trash Pumps



185-449 GPM

PKX201T | PKX301T | PKV401T | PTD310T | PTD410T



Features & Benefits

- ① Lightweight, Die-Cast Aluminum Pump Housing**
Provides durability against damaging debris and features easy open cover for quick clean out.
- ② Spheroidal Graphite Cast-Iron Volute**
Withstands solid and abrasive debris, providing long pump life.
- ③ Easily Replaceable Wear Plate**
Extends pump life and reduces maintenance costs.
(Except model PKV401T)
- ④ Wear-Resistant, High-Chrome Cast-Iron Impeller**
Ensures a long service life.
- ⑤ Self-Lubricating Silicon-Carbide Mechanical Seal**
Provides stamina for tough applications. Shim system on impeller enhances performance and extends pump life.
- ⑥ Steel Tubular Wraparound Frame**
Steel tubular wraparound frame protects the pump, engine and all components from damage.

Pumps High-Pressure

127 GPM

PKX201H



For applications that require consistency over a great distance, rely on Subaru's high-pressure pump. This construction pump delivers a smooth, low pulsation flow you need for moving water across extended distances and heights - perfect for sprinkler systems, fast seepage and first-response firefighting.

Pump Performance

PKX201H 2-inch suction/discharge ports | 127 gpm maximum discharge capacity
81 psi maximum performance

Large Diameter Cast-Iron Impeller with Shallow Vanes

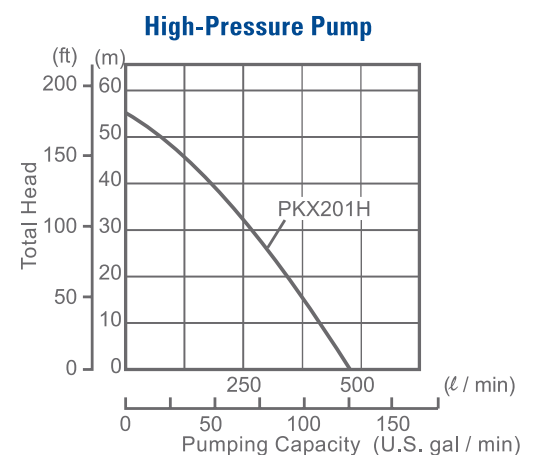
Allows the pump to attain higher pressures for demanding applications.

Heavy-Duty, Cast-Iron Volute and Ceramic Carbon Mechanical Seal

Extend service life.

Self-Priming Pump

Allows for easy, dependable operation



Pumps Diaphragm

66 GPM
PTX301D



Sticks, stones, debris, and viscous liquids of all kinds won't stop Subaru's diaphragm pump. Heavy-duty construction enables the movement of larger solids without causing damage or premature wear to the unit. This self-priming pump features a positive displacement type, hermetically sealed compression chamber to prevent the loss of gases and liquids being transferred.



PTX301D 3-inch suction/discharge ports | 66 gpm maximum discharge capacity

Large Air Chamber

Decreases shock on the hoses.

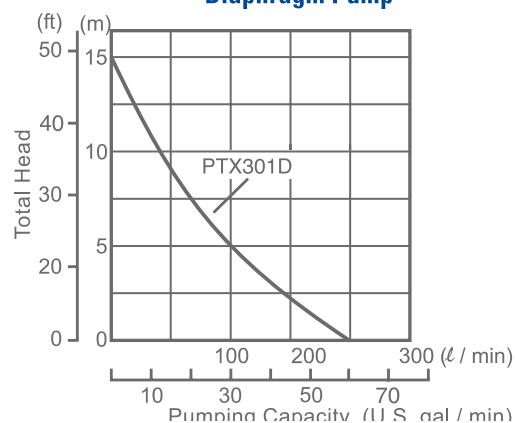
Hardened, Cast-Iron Inner Castings

Resist wear for extended service life.

Minimal Moving Parts

Ensures extended run times and lower maintenance.

Diaphragm Pump



Pump Specifications



PUMP TYPE				
CENTRIFUGAL				
PUMP MODEL	PKV110	PKX201	PKX301	
Type	Self-Priming Centrifugal Pump			
Suction/Discharge Size	1 inch	2 inch	3 inch	
Maximum Capacity	28 gallons per minute	158 gallons per minute	256 gallons per minute	
Maximum Lift Head	115 feet	98 feet	102 feet	
Maximum Suction Lift	26 feet	26 feet	26 feet	
Maximum PSI (Max. head/2.31)	50 psi	43 psi	44 psi	
Mechanical Seal Material	Ceramic Carbon			
Engine Model	EH025	EX13	EX17	
Type	Subaru air-cooled, 4-cycle, OHV gasoline	Subaru air-cooled, 4-cycle, OHC gasoline		
Horsepower	1.1 hp	4.3 hp	5.7 hp	
Low Oil System	N/A	Low Oil Shutdown		
Spark Arrestor		•	•	
Run Time (per tank, full load)	1.5 hours	2.7 hours	2.5 hours	
Fuel Tank Capacity	.13 gallons	.71 gallons	.95 gallons	
Starting System	Recoil Starter			
Dimensions (L x W x H)	13.1" x 8.4" x 12.6"	18.4" x 14.1" x 15.7"	19.9" x 15.2" x 18.4"	
Net Weight	12 lbs.	53 lbs.	66 lbs.	
Standard Accessories	Tool Kit, Strainer, Vibration Isolators, Hose Coupling and Band, Garden Hose Adapter	Tool Kit, Strainer, Vibration Isolators and Hose Band		
Solid Handling	0.2"	0.25"	0.3"	



Specifications subject to change without notice | Always read the owner's manual before use.



CENTRIFUGAL

SEMI-TRASH

PKX401

PKX201ST

PKX301ST

	Self-Priming Centrifugal Pump	Self-Priming Semi-Trash Pump	
	4 inch	2 inch	3 inch
	356 gallons per minute	153 gallons per minute	246 gallons per minute
	89 feet	98 feet	92 feet
	26 feet	26 feet	26 feet
	44 psi	43 psi	40 psi
	Ceramic Carbon	Silicon Carbide	
	EX27	EX13	EX17
	Subaru air-cooled, 4-cycle, OHC gasoline		
	9.0 hp	4.3 hp	5.7 hp
	Low Oil Shutdown		
	•	•	•
	2.2 hours	2.7 hours	2.5 hours
	1.61 gallons	.71 gallons	.95 gallons
	Recoil Starter		
	25.6" x 18" x 25.4"	18.4" x 14.1" x 15.7"	19.9" x 15.2" x 18.4"
	112 lbs.	55 lbs.	68 lbs.
	Tool Kit, Strainer, Vibration Isolators and Hose Band	Tool Kit, Strainer and Hose Band	
	0.35"	0.3"	0.35"

Pump Specifications



PUMP TYPE		TRASH		
PUMP MODEL	PKX201T	PKX301T	PKV401T	
Type	Self-Priming Trash Pump			
Suction/Discharge Size	2 inch	3 inch	4 inch	
Maximum Capacity	185 gallons per minute	314 gallons per minute	428 gallons per minute	
Maximum Lift Head	95 feet	82 feet	89 feet	
Maximum Suction Lift	26 feet	26 feet	26 feet	
Maximum PSI (Max. head/2.31)	41 psi	36 psi	33 psi	
Mechanical Seal Material	Silicon Carbide			
Engine Model	EX17	EX27	EH41	
Type	Subaru air-cooled, 4-cycle, OHC gasoline		Subaru air-cooled, 4-cycle, OHV gasoline	
Horsepower	5.7 hp	9.0 hp	13.5 hp	
Low Oil System	Low Oil Shutdown			
Spark Arrestor	•	•	•	
Run Time (per tank, full load)	2.5 hours	2.2 hours	2.4 hours	
Fuel Tank Capacity	.95 gallons	1.61 gallons	1.85 gallons	
Starting System	Recoil Starter			
Dimensions (L x W x H)	24.1" x 18.2" x 18.9"	27.2" x 19.1" x 21.1"	29.3" x 21.1" x 24.6"	
Net Weight	106 lbs.	128 lbs.	175 lbs.	
Standard Accessories	Tool Kit, Strainer and Hose Band		Tool Kit, Strainer, Hose Coupling and Hose Band	
Solid Handling	0.8"	1.1"	1.2"	

TYPICAL PUMP APPLICATIONS

Pump:	Clear water	Muddy water	Sandy water	High solid content	Clear water - High lift
Centrifugal	Best				
Diaphragm	Good	Best	Best	Best	
High-Pressure	Good				Best
Semi-Trash	Good	Good	Good	Good	
Trash	Good	Best	Best	Best	

Specifications subject to change without notice | Always read the owner's manual before use.



DIESEL TRASH		HIGH PRESSURE PUMP		DIAPHRAGM
PTD310T		PTD410T		PTX301D
Self-Priming Trash Pump		Self-Priming Centrifugal High-Pressure Pump		Self-Priming Diaphragm Pump
3 inch		4 inch		3 inch
317 gallons per minute		449 gallons per minute		66 gallons per minute
78.8 feet		78.8 feet		49 feet
26 feet		26 feet		25 feet
34.1 psi		34.1 psi		21 psi
Silicon Carbide		Ceramic Carbon		N/A
Hatz 1B30		Hatz 1B40		EX17
Hatz air-cooled, 4-cycle, single-cylinder diesel engine		Subaru air-cooled, 4-cycle, OHC gasoline		
6.8 hp		9.9 hp		5.7 hp
N/A		Low Oil Shutdown		
•		•		•
3.2 hours		2.1 hours		2.0 hours
1.32 gallons		1.32 gallons		.95 gallons
Recoil Starter		Recoil Starter		
27" x 19" x 24"		27" x 19" x 26"		20.5" x 15.4" x 17.1"
150 lbs.		193 lbs.		26" x 17" x 20"
Tool Kit, Strainer, Hose Coupling and Hose Band		71 lbs.		100 lbs.
1.3"		0.2"		1.3"
		Tool Kit, Strainer, Vibration Isolators and Hose Band		Tool Kit, Strainer, Hose Coupling and Hose Band

Strainers

All pumps come standard with a strainer to prevent damage to the pump from oversize debris entering the intake hose.

- NOTE: Self-priming pumps require initial priming to operate.



History of Innovation Future of Excellence



Subaru is a division of Fuji Heavy Industries Ltd., headquartered in Tokyo, Japan. Fuji is a global manufacturing company of diversified premium brand products. Total annual sales exceed \$13 billion.

There are four main divisions: Subaru Automotive, Aerospace, Eco Technologies and the Industrial Products Division. All divisions share a common history of innovation that brings added value to the company's premium products.

Subaru industrial engines and equipment have earned a reputation throughout the world for high performance and durability in the most demanding applications. Subaru is the fourth largest engine manufacturer in the world, with annual production exceeding 1 million engines.

Advanced engineering, high technical expertise and state-of-the-art robotic manufacturing are hallmarks of Fuji, which proactively shares technology between divisions in order to stay on the cutting edge, lead competition and provide customers with outstanding products.

In recent years, Fuji has earned a worldwide recognition for technical advances in its Subaru automobiles, such as Subaru's All Wheel Drive (AWD) system, horizontally opposed engines and the turbo-charged 300 horsepower WRX STI performance car. Fuji has built its solid reputation on 60 years of success.



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*Using an engine indoors can kill you in minutes!
Engine exhaust contains carbon monoxide. This is a
poison you cannot see or smell. Never use inside a home
or garage, even if doors and windows are open. Only use
outside and far away from windows, doors and vents.*



A superior product. Exceptional service and support. A name you can trust. It all adds up to **Subaru.**

There may be a million reasons you need a pump, but there's only one reason you need a Subaru. Reliability. Whether you're protecting your home from a destructive storm, drying out the 18th green, moving water on the farm or prepping a site for construction work – Mother Nature doesn't wait – and neither should you.

Reliability starts with Subaru's cutting-edge engine technology. Every pump in our line, from the centrifugal to the diaphragm, is powered by an industry-leading Subaru engine. Superior, dependable power combined with rugged frames and durable, wear-resistant volutes, impellers and seals result in a pump that's ready to go when you are. On demand in the most demanding applications – that's real reliability. That's what you can count on with Subaru.

