



Semi-Trash

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# 3IN / PKX320ST

## Pump Overview:

PKX320ST

## Pump Family Overview:

For demanding water removal applications where small abrasive material may cause premature wear on centrifugal pumps, Subaru offers a complete line of semi-trash units. Deeper impeller vanes coupled with a large volute discharge opening allow Subaru's semi-trash pumps to pass water containing particulate matter and small solid objects without clogging the passage. These self-priming construction pumps feature a tough silicone-carbide mechanical seal and a quick clean-out port for easy maintenance and long service life.

## Specifications:

<b>Type</b>	Self Priming
<b>Suction/Discharge Size</b>	3 inches
<b>Maximum Capacity</b>	246 gallons per minute
<b>Maximum Lift Head</b>	92 feet
<b>Maximum Suction Lift</b>	26 feet
<b>Maximum PSI (max. head/2.31)</b>	40
<b>Mechanical Seal Material</b>	Silicon Carbide
<b>Engine Model</b>	EX17
<b>Engine Type</b>	Subaru air-cooled, 4 cycle, OHC
<b>Fuel</b>	Gasoline
<b>Horsepower</b>	5.7 HP
<b>Low Oil System</b>	Shutdown
<b>Spark Arrestor</b>	Standard
<b>Run Time (per tank, full load)</b>	1.8 hours
<b>Fuel Tank Capacity</b>	.85 gallons
<b>Starting System</b>	Recoil
<b>Dimensions (LxWxH)</b>	19.9" x 15.2" x 18.4"
<b>Net Weight</b>	69 lbs.
<b>Tool Kit</b>	Standard
<b>Vibration Isolators (loose)</b>	Standard
<b>Hose Coupling</b>	Standard
<b>Hose Band</b>	Standard
<b>Strainer</b>	Standard

## Key Features & Benefits:

<b>Self Priming</b>	Self priming pumps require initial priming to operate.
<b>Silicon Carbide Mechanical Seal</b>	Heavy-duty, self-lubricating silicon carbide mechanical seal resists wear from abrasive debris, while easily replaceable shims maximize performance over the pump's life.
<b>Cast-Iron Impeller and Volute</b>	Abrasion-resistant, hardened cast-iron impeller and volute effectively withstands suspended debris sucked through the strainer.
<b>Die-Cast Pump Housing</b>	Lightweight die-cast aluminum pump housing provides strong durability against damaging debris.
<b>Shimmable Impeller to Volute</b>	Shims allow the clearance to be readjusted between the impeller and volute as the pump wears from dirt and grit. This saves the cost of replacing the major pump components.
<b>Standard Accessories</b>	Standard accessories include tool kit, hose coupling, hose band and strainer.
<b>Metal Fuel Tank with Strainer</b>	Metal fuel tank provides extended run times between refills. The fuel strainer prevents debris from entering the tank.
<b>Low Oil Shutdown</b>	Subaru engines incorporate a low oil shutdown that shuts off the engine when low oil level is detected.
<b>Muffler with Spark Arrestor</b>	Subaru specifically engineers each muffler to each engine, therefore providing optimum sound reduction. Each muffler includes a US Forestry-approved spark arrestor.
<b>Fuel Shut-Off with Sediment Cup</b>	Shut-off valve is used when transporting or servicing the pump. The translucent sediment cup and filter allow the operator to see if any water or dirt have entered the engine. The cup can be removed, cleaned and reinstalled.