



6" Self Priming Cast Iron Trash Pumps (Wet Prime)

Model: 6HT-DIST-4LE2T

With its heavy-duty cast-iron construction, ability to self-prime when filled with water, and re-prime automatically, this trash pump leads the industry in construction, industrial and wastewater applications. The 6HT-DIST-4LE2T provides flow rates up to 1,430 gpm and can handle spherical solids up to 3"

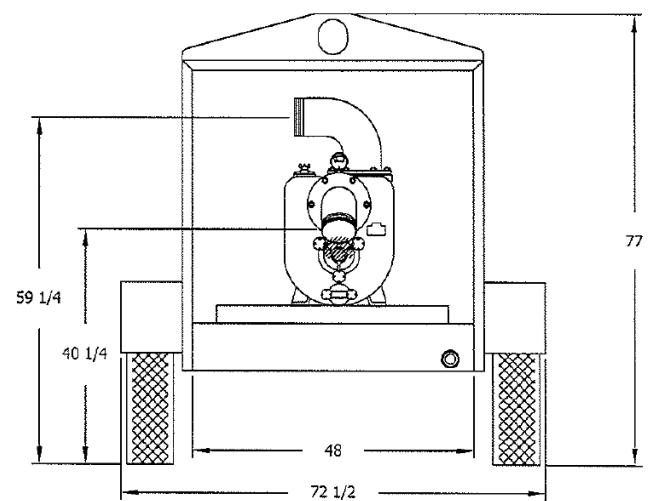
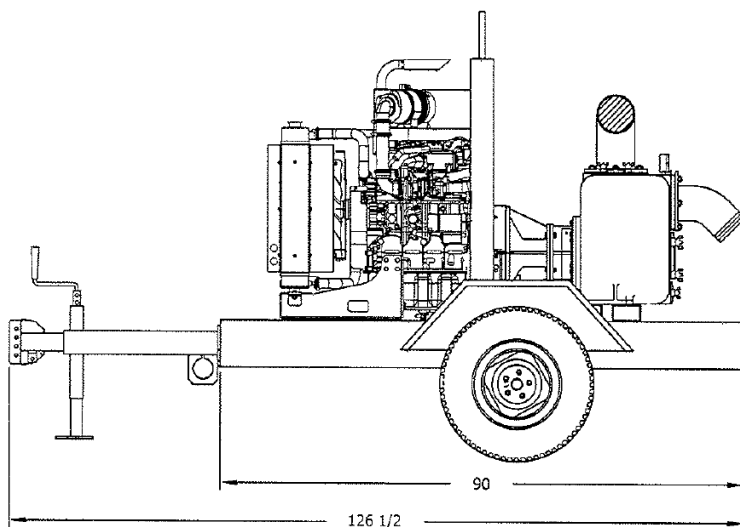
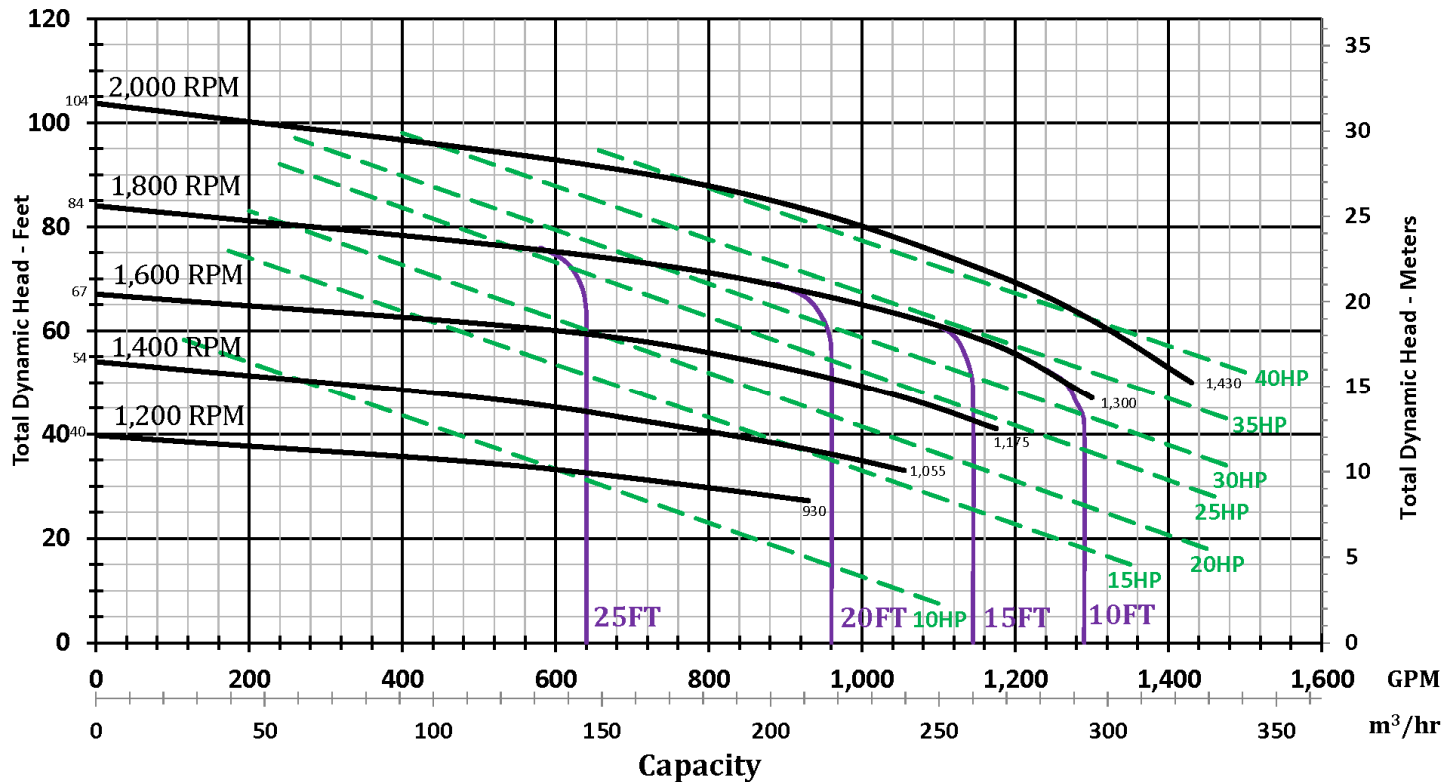


Consult factory for other versions & options including site trailers, sound attenuation, etc.

Pump End Materials	
Pump Casing	Heavy-duty class 30 cast-iron with built in volute
Impeller	Dynamically balanced, two-vane, non-clogging, semi-open, ductile iron, with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life. Diameter 9.74"
Mechanical Seal	Grease or oil lubricated with Tungsten Carbide rotating and stationary seal faces. All other components are 304 stainless steel and Viton.
Bearings and Frame	Heavy-duty grease lubricated bearings to carry both axial and radial loads. Heavy-duty class 30
Shaft	High quality carbon steel and fitted with a 304 stainless steel shaft sleeve.
Suction Check Valve	Built-in weighted, full-flow valve to eliminate re-
Wear Plate	Replaceable, class 30 cast iron with abrasion re-

TECHNICAL SPECIFICATIONS

Suction Size	6" (15.24 cm)	Approximate Dry Weight	2690 lbs (1220 kg)
Discharge Size	6" (15.24 cm)	Fuel Tank	62 Gal (235 L)
Maximum Flow Capacity	1,430 gpm (325 m ³ /h)	Fuel Consumption @ 2,000 rpm	2.37 GPH (8.97 L/h)
Maximum Head	104 ft (31.7 m)		
Maximum Solids Handling	3" (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2,000 rpm	42 hours @ 2,000 rpm	.378 lb/hp-hr @ 2,000 rpm
Maximum Operating Temp.	200°F (93.33°C)	53 hours @ 1,800 rpm	.375 lb/hp-hr @ 1,800 rpm
Maximum Operating Pressure	45 psi (310.26 kPa)	76 hours @ 1,600 rpm	.365 lb/hp-hr @ 1,600 rpm



Engine Specification			
Engine Model	Isuzu 4LE2T, 44hp @ 2,000 rpm	Standard Equipment	Alternator, emission control device, cooled EGR, direct injection, diesel oxidation catalyst
Type	4-cylinder, in-line, 4-cycle, water-cooled, turbo-charged, direct-injected, Final Tier IV diesel	Automatic Shutdowns	Low oil pressure.