

With its heavy-duty cast-iron construction, ability to self-prime and re-prime automatically, this trailer mounted trash pump leads the industry in construction, industrial and wastewater applications. The 4HT-DIST-4LE2T provides flow rates up to 680 gpm and can handle spherical solids up to 2" making it perfect for sewage bypass pumping or dewatering excavations.

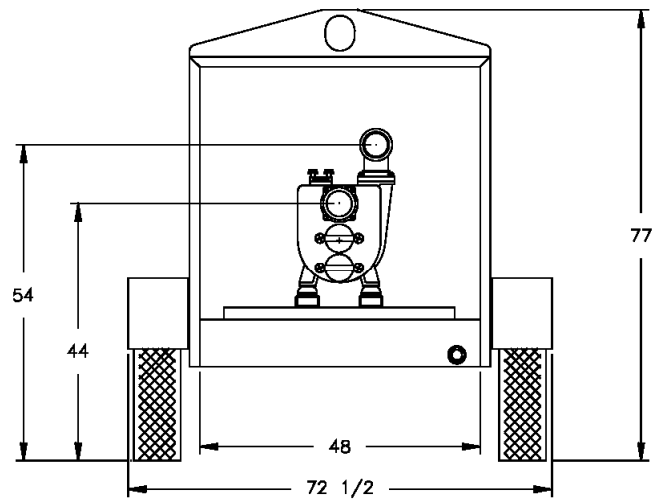
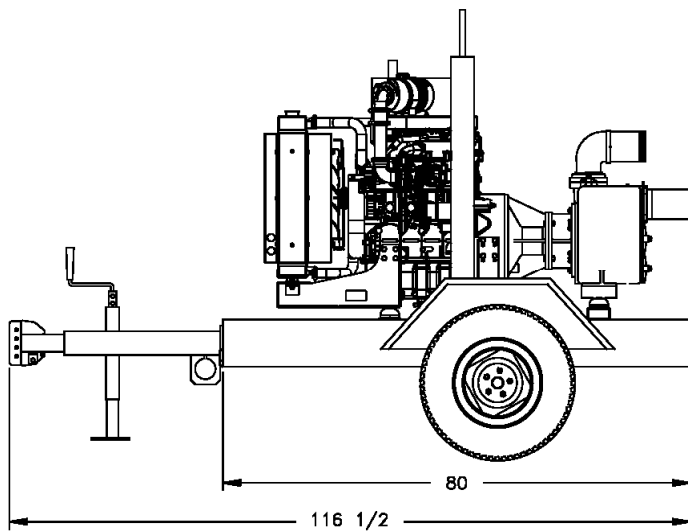
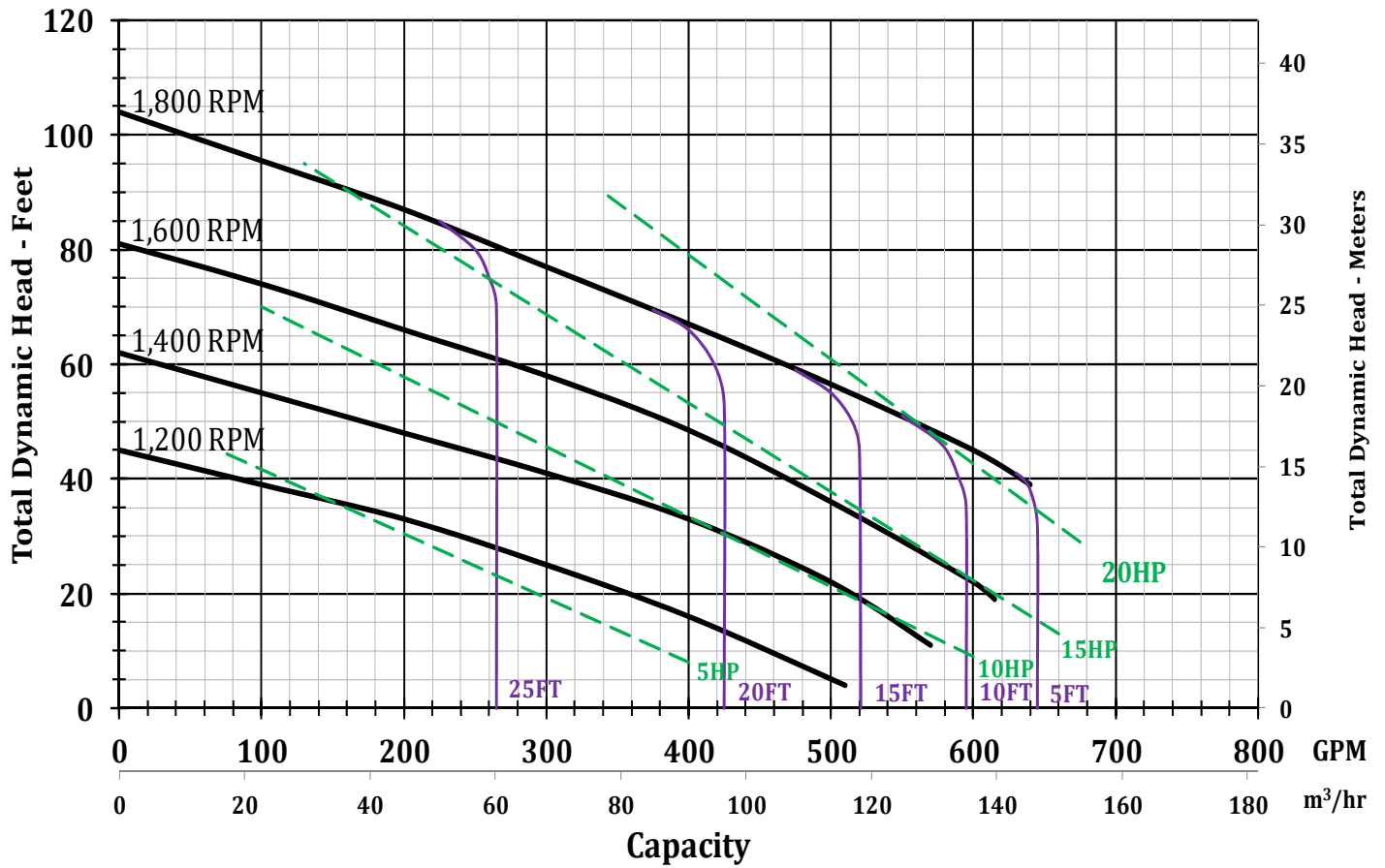


Consult factory for other versions & options including site trailers, sound attenuation, etc.

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.
Head	Rugged, back pull out design, heavy-duty class 30 cast iron with tapered bore design
Bearings & Frame	Heavy-duty grease lubricated bearings to carry both axial and radial loads. Heavy-duty class 30 cast iron frame.
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-priming with each cycle
Wear Plate	Replaceable, class 30 cast iron with abrasion resistant rubber facing to extend service life

TECHNICAL SPECIFICATIONS

Suction Size	4" (10.16 cm)	Approximate Dry Weight	TBD
Discharge Size	4" (10.16 cm)	Fuel Tank	39 Gal (147.63 L)
Maximum Flow Capacity	680 gpm (154.4 m ³ /h)	Fuel Consumption @ 1,750 rpm	1.5 GPH (5.7 L/h)
Maximum Head	104 ft (31.7 m)		
Maximum Solids Handling	2" (5.08 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	1800 rpm	26 hours @ 1,800 rpm	0.373 lb/hp-hr@1,800 rpm
Maximum Operating Temp.	200°F (93.33°C)	35 hours @ 1,600 rpm	0.370 lb/hp-hr@1,600 rpm
Maximum Operating Pressure	45 psi (310 kPa)	47 hours @ 1,400 rpm	0.363 lb/hp-hr@1,400 rpm



Engine Specification			
Engine Model	Isuzu 4LE2T, 40hp @ 1,800 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.

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