

With its heavy-duty cast-iron construction and fast priming capabilities, this solids handling trailer mounted jet pump leads the industry in construction, industrial and mining applications. The Thompson 6JSCEE-DIST-4LE2T-M is designed for high flows to 2450 gpm and heads to 120 feet making it perfect for sewage bypass pumping or general construction dewatering

ENVIROPRIME SYSTEM[®] with Compressor

- Thompson's innovative priming system preventing blow-by of sewage, effluent and waste from discharging onto the ground. This system, with Thompson's compressor priming system, offers mid-range air handling capabilities for quick priming.

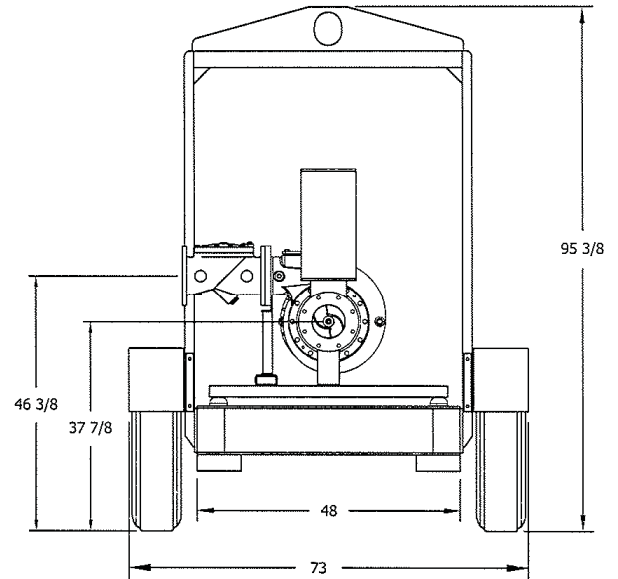
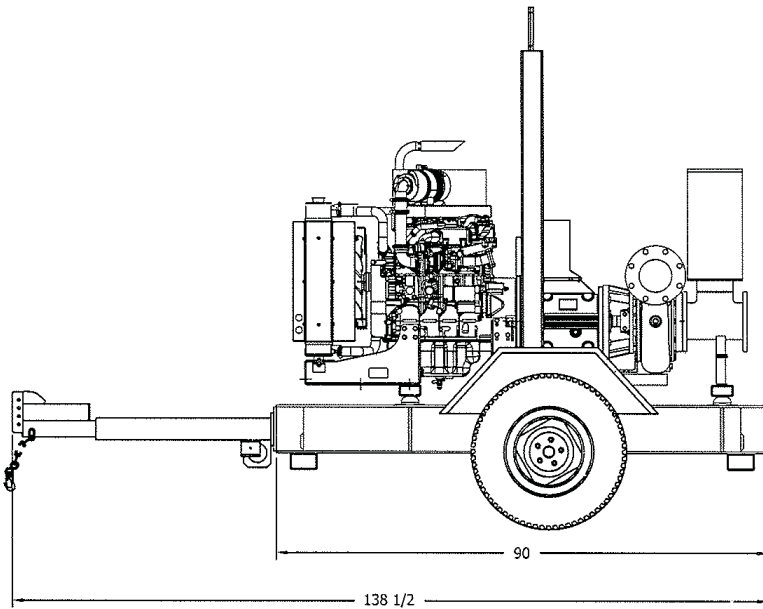
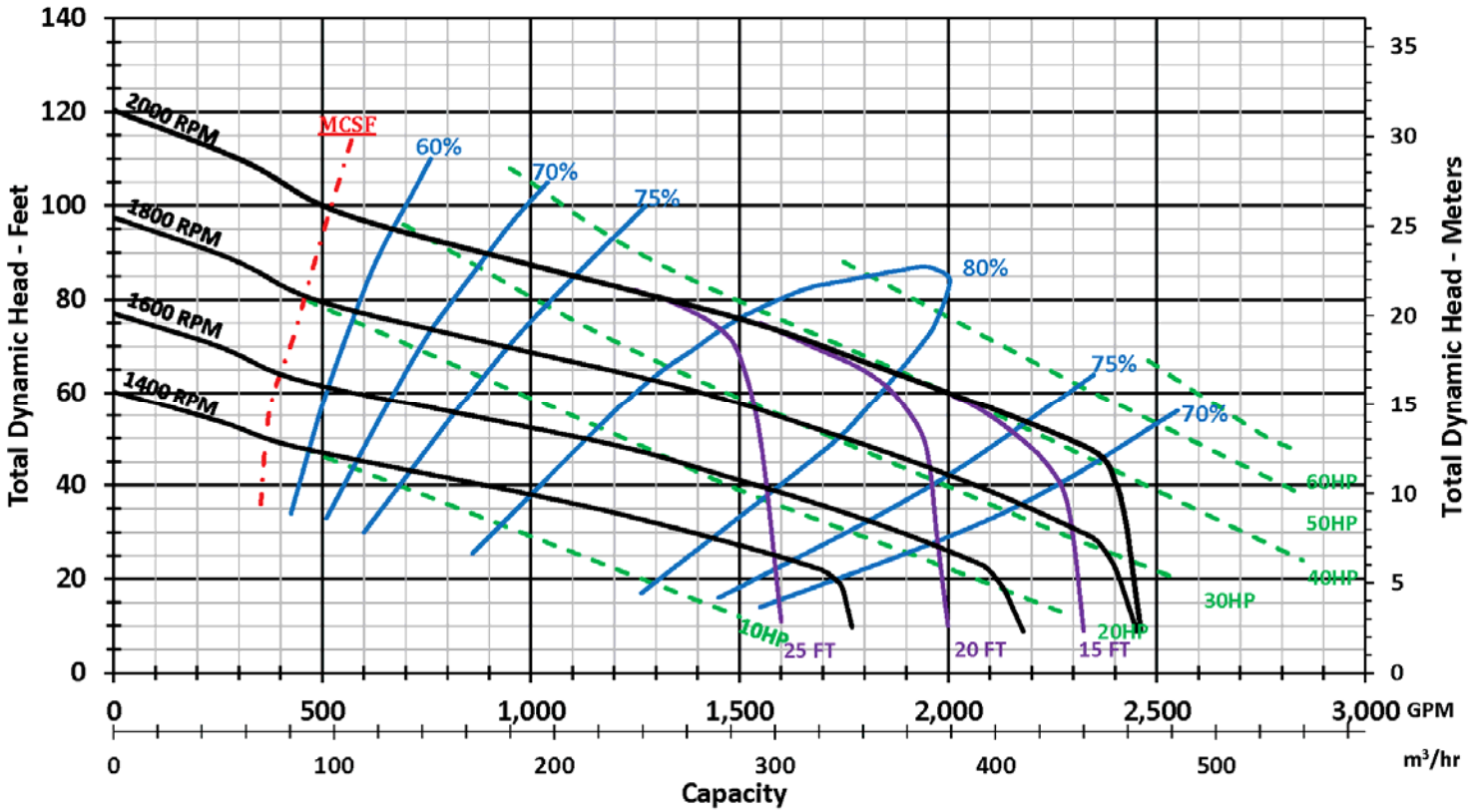


Consult factory for other versions & options including site trailers, sound attenuation, etc.

<i>Materials</i>	
Pump Casing	65-45-12 ductile iron, tangential discharge, clockwise rotation, back pullout design
Impeller	65-45-12 ductile iron*, closed or semi-open, 2-vane, 3" solids handling, balanced and contains rear equalizing vanes, 9.5" diameter
Mechanical Seal	Grease or oil lubricated single component type with Tungsten Carbide vs Silicon Car-bide faces with Viton elastomers
Shaft	Modified SAE 1144 "stress-proof" steel
Bearings & Frame	Grease or oil lubricated, 6316 deep groove ball bearings. Class 30 Cast Iron with cooling fins and mounting tabs

TECHNICAL SPECIFICATIONS

Suction Size	6 in (15.24 cm)	Approximate Dry Weight	4,100 lbs (1859.73 kg)
Discharge Size	6 in (15.24 cm)	Fuel Tank	100 gal (378.54 L)
Maximum Flow Capacity	2450 gpm (556.15 m ³ /h)	Fuel Consumption @ 2000 rpm	2.88 gph (10.9 L/h)
Maximum Head	120 ft (36.58 m)	Best Efficiency Point	80 %
Maximum Solids Handling	3 in (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2000 rpm	34 hours @ 2000 rpm	0.396 lb/hp-hr @ 2000 rpm
Maximum Operating Temp.	200 °F (93.33 °C)	44 hours @ 1800 rpm	0.386 lb/hp-hr @ 1800 rpm
Maximum Operating Pressure	51.9 psi (358.17 kPa)	58 hours @ 1600 rpm	0.372 lb/hp-hr @ 1600 rpm



Engine Specification

Engine Model	Isuzu 4LE2T 40 HP @ 1800 rpm	Standard Equipment	Cooled EGR, Wastegate Turbocharger, emission control device, alternator, radiator
Type	EPA Final Tier 4, In-Line, 4-Cycle, Turbocharged, high-pressure common-rail diesel	Automatic Shutdowns	Low lube oil pressure; high water temperature

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