

6" Sound Attenuated

Prime Assisted Solids Handling Pump

Our 6" sound attenuated pump operates at or below 70dBA for quiet, efficient running. As a solids handling jet pump, it's designed for high flows to 2,700 gpm and heads to 195 feet. Our quick self-priming pump eliminates the need for a waste hose and the need to fill up the pump housing with water to obtain prime. It also prevents discharge of pumping effluent onto the ground. In addition, our Tier IV diesel engines reduce emissions.



*Photos are representational; actual products vary.
Additional product plans and specifications may vary from those shown and are subject to in-stock availability.

Features

John Deere 4045TF290-74 engine
Fully automatic, dry priming to 28 feet
High head to 195 feet
Maximum flows to 1200 gpm
Solids handling to 3"
Removeable drop-on sound enclosure, constructed of 18 gauge solid galvaneel shell and 1.5" thick, 8lb density mineral wool
Lockable doors
Emergency Engine Shutdown Button

Specifications

Operating noise: 70dBA measured at 7 meters at full speed
Fuel tank capacity: 114 US Gallons
Fuel consumption: 3.97 gph @ 2,000 rpm
Maximum operating speed: 2,000 rpm
Maximum operating temperature: 200 degrees F
Maximum working pressure: 130 psi
Maximum suction lift: 28 feet
Impeller: 12" diameter

Engine Specifications

Engine: John Deere 4045T, 72hp@ 2,000 rpm
Type: 4-cylinder, in-line, 4-cycle, water cooled, direct-injected turbo-charged, Interim Tier IV diesel
Displacement: 275 cubic inches
Fuel Economy:
+ .397 lb/hp-hr @ 2,000 rpm
+ .395 lb/hp-hr @ 1,800 rpm
+ .397 lb/hp-hr @ 1,600 rpm
Maximum operating time:
+ 28 hours @ 2,000 rpm
+ 36 hours @ 1,800 rpm
+ 49 hours @ 1,600 rpm

Vacuum Pump Specifications

Vacuum pump: Dry, rotary claw, air cooled, oil less, direct drive (5.4 hp)
Casing: Class 30 cast iron
Maximum operating temperature: 200 degrees F
Maximum working pressure: 15 psi
Maximum suction lift: 28 feet
Air handling capacity: 97 SCFM

Construction

Pump casing: Heavy duty Class 30 cast iron

Impeller: Dynamically balanced, non-clogging, enclosed, CD4MCu, with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life

Mechanical Seal: 2.5" run-dry, grease lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. All other components are 304 stainless steel and viton.

Head: back pull out design, heavy-duty class 30 cast iron with tapered bore design

Bearing and Frame: 30 cast iron, heavy duty grease lubricated

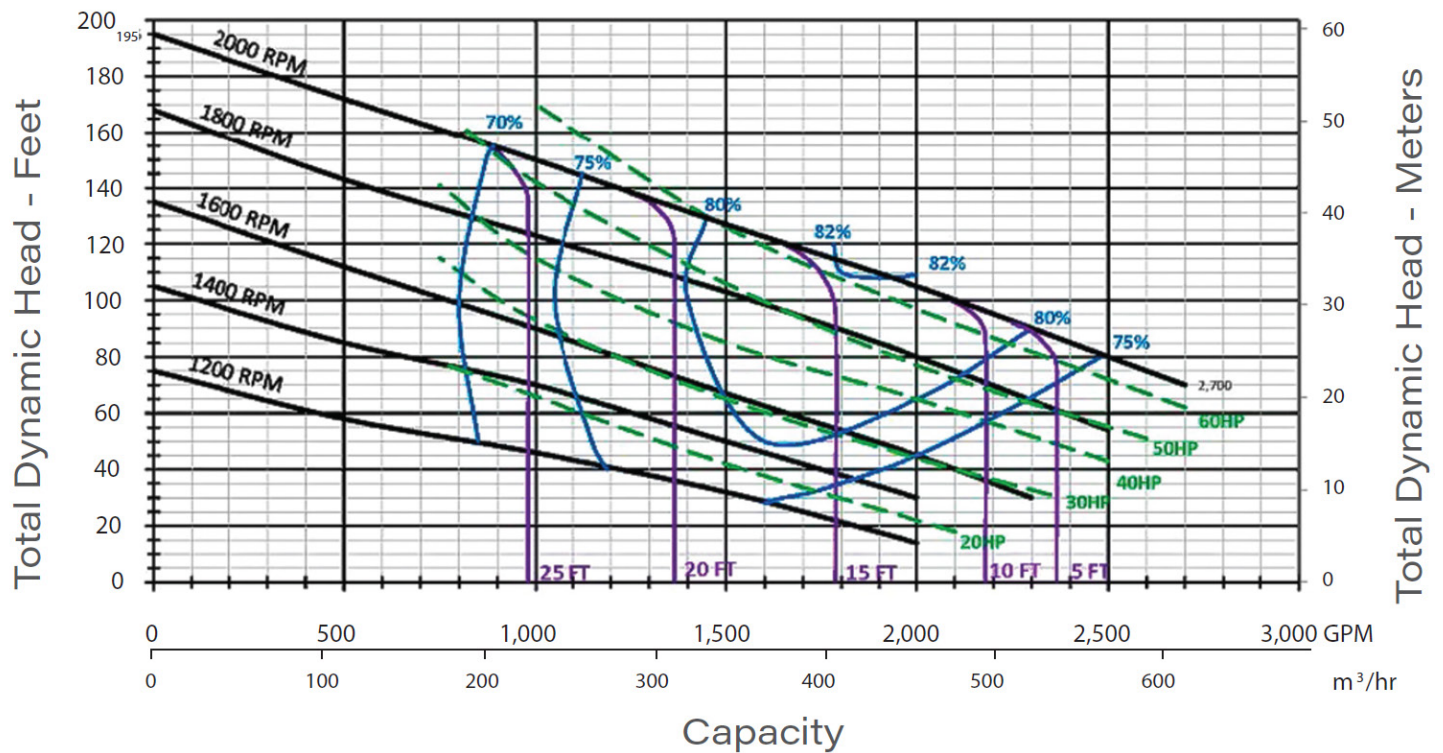
Shaft: 17-4 pH stainless steel fitted with renewable 416 stainless steel sleeve



We proudly provide specialty-containment and waste-management solutions, with industry-leading service, safety, access and integrity.

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6" Sound Attenuated Pump Performance Curve



*Some details not shown in all views. Overall dimensions are normal.

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