RL-300

12" Rotary Lobe Pump

This is an optimal dewatering pump. With positive displacement and constant suction, it's ideal for pumping high volumes of water. The pump's high-volume vacuum and air handling capability means it's perfect for large wellpoint and sock drain systems.

Duty Points

Max Flow: 2,400 GPM/9,072 L
Max Head: 150' TDH/ 45.72m
Max Suction Lift: 28'/8.54 m
Solid Handling: 1.5"/ 38.1 mm
Max CFM: 240 CFM

Market Segment

Construction
Municipal: Waste Water
Industrial
Petrochemical
Oil & Gas
Mining
Food Processing

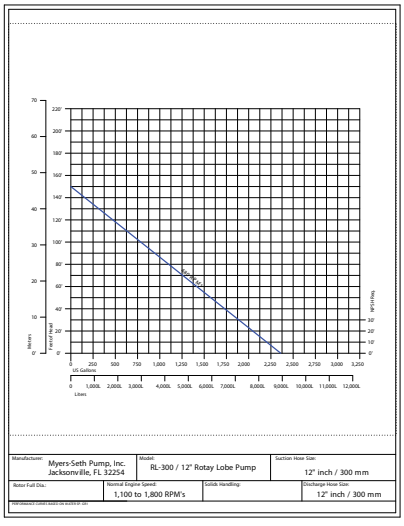
Standard Features

- Maximum Vacuum up to 28" Hg
- Camlock or Bauer Hose Fittings
- Suction Inlet Strainer
- Large Fuel Filtration
- Lockable Fuel Cap
- Large Capacity Fuel Tank with Fuel Gauge
- Powder Coated Frame and Components
- Heavy-Duty Lifting Bale

Options

- Locking Battery Bar
- Trailer Mounted Version
- Other Engine Options Available
- Electric-Driven Pump Packages Available

Flow Chart



Myers-Seth Pumps
goodpeople@msp-pumps.com

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904.389.6114

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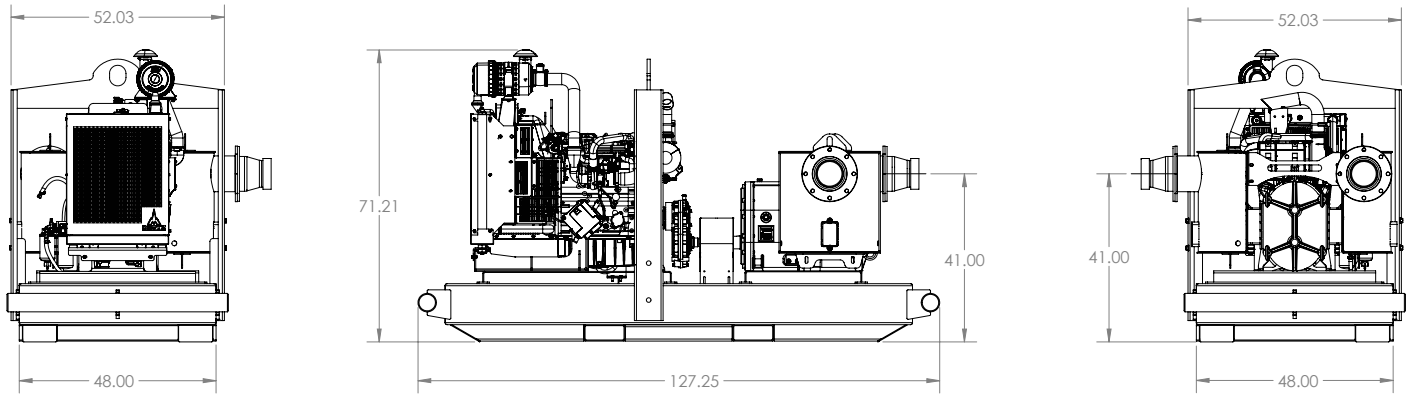
RL-300

Specifications

Engine	
Make/Model	Deutz TCD 3.6 Final Tier 4
Horsepower	74 hp @ 2,000 rpm
Safety Shutdowns	High Oil Temperature, Low Oil Pressure
Engine Displacement	221 cu (3.6 L)
Engine Type	4 Cylinder, Water-Cooled Engine, Naturally Aspirated, Direct Injection, Oil Cooler, Diesel
Daily Fuel Consumption	1.5 gal/hr @ 1,800 rpm
Max Continuous Run Time	96 hrs (4 days)
Standard Equipment	Alternator, Muffler, Instrument Control Panel

Frame	
Frame Construction	8" Fabricated Square Frame
Fuel Capacity	125 gal (473.17 L)
Lifting Bale	Heavy Duty Single Point
Tie Downs	(4) Heavy Duty D-Rings
Height	62.09" (157.71 cm)
Width	57" (144.78 cm)
Length	108.25" (274.95 cm)
Weight	4,850 lbs (2200 kg)

Pump			
Pump Casing	Cast Iron Housing	Max Operating Temperature	180° F/82.22° C
Pump Capacity Suction	2,400 GPM (9,072 L)	Max Suction Lift	28' (8.5 m)
Max Working Pressure	150' TDH (45.72 m)	Air Handling	240 CFM
Max Operating Speed	500 rpm	Solid Handling	1.5" (38.1 mm)



Myers-Seth Pumps | goodpeople@msp-pumps.com | 4611 Dignan Street | Jacksonville, Florida 32254