

Pioneer Prime Diesel-Driven Centrifugal Pump Trailer Package

PP128S20L71-6135CI550

128S20-PPI-01-J



PUMP SPECIFICATIONS

| | |
|-----------------------|------------------------------------|
| Size | 12"x 8" (300 mm x 200 mm) |
| Impeller Diameter | 19.25" (500 mm) |
| Max Flow | 8,400 gpm (1908 m ³ /h) |
| Max Head | 480 feet (146 meters) |
| Solids Size | 3" (76 mm) |
| Max. Operating Temp. | 200 °F (93 °C) |
| Max. Operating Press. | 260 psi (1793 kPa) |

ENGINE SPECIFICATIONS

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|---|--|
| FT4 Engine Type | John Deere 6135CI550 |
| Displacement | 824 cu.in (13.5 L) |
| Fuel Consumption | 25.35 g/h (95.9 l/h) |
| Continuous HP | 527 hp (388 kW) |
| Peak Intermittent HP Rating | 617 hp (454 kW) |
| FT4 Specifics (Def or No Def, DOC, SCR, etc.) | DOC, DPF, SCR, EGR |
| Instrument Panel | Oil pressure gauge, voltmeter, hourmeter, tachometer |

PIONEER PRIME PRIMING SYSTEM

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| Priming System | Mechanically driven diaphragm-style vacuum pump |
| Air Removal Cap. | 50 cfm (.02 cms) |
| Priming Chamber | Positive sealing air separation w/stainless steel components |
| Discharge Check Valve | Swing style; ductile iron w/nitrile disc |
| Run Dry System | Oil-lubricated mech. seal allows pump to run completely dry without damage |

FEATURES AND BENEFITS

- Indefinite run-dry capability
- Extreme flow technology
- Environmentally safe priming system: Pioneer Prime
- Auto-start controls

PARTS KITS

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|--------------------------------------|-----------------------------|
| Mechanical Seal Kit: 372000122 | Upper Vacuum Kit: 374000102 |
| Bearing Frame Kit: 37300118 | Lower Vacuum Kit: 374000103 |
| Priming Chamber Assembly: 1060015894 | |

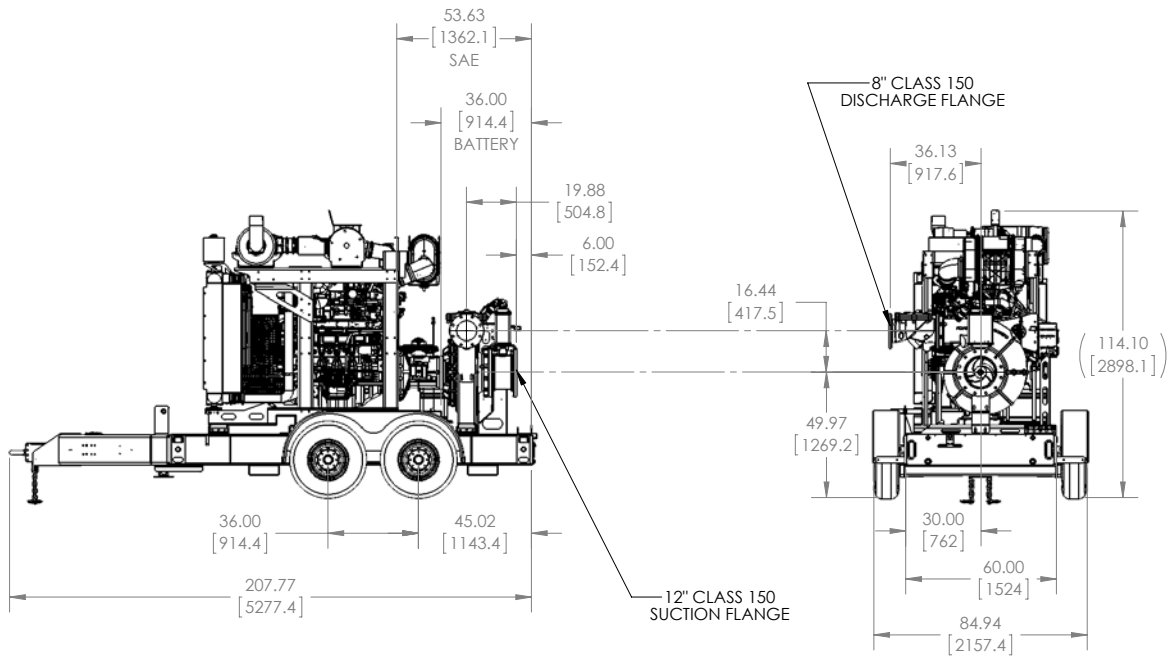
PACKAGE SPECIFICATIONS

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|-------------------------------|--|
| Fuel Capacity | 250 gal (946 L) |
| Control Panel | LOFA CP900 |
| Operating Speed (Min. / Max.) | 1,000 / 1,950 rpm |
| Weight (Dry / Wet) | 12,920 lbs / 14,695 lbs |
| Instrument Compatibility | High/low level floats, transducers |
| Trailer Brakes | Electric |
| Optional Adders | 3-watt solar charger, 10-watt solar charger, corner jacks, float switch, hose racks, pressure gauges |

MATERIALS OF CONSTRUCTION

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|--------------------|--|
| Impeller | CA6NM Stainless Steel |
| Shaft | 17-4 PH Stainless Steel |
| Wear Ring | ASTM A48 Class 40 Gray Iron |
| Suction Cover | Ductile Iron ASTM A536 65-45-12 |
| Volute | Ductile Iron ASTM A536 65-45-12 |
| Brac-Plate/Bracket | Ductile Iron ASTM A536 65-45-12 |
| Mechanical Seal | Silicon Carbide rotating and Tungsten Carbide stationary |

MECHANICAL DIMENSIONS



PERFORMANCE CURVE

