



52GPP GLOBAL PLUNGER PUMP



Global Pump plunger pumps are specifically designed for high pressure applications such as hydrostatic testing and high-pressure industrial applications. Powered by a water-cooled, 4-cylinder diesel engine.

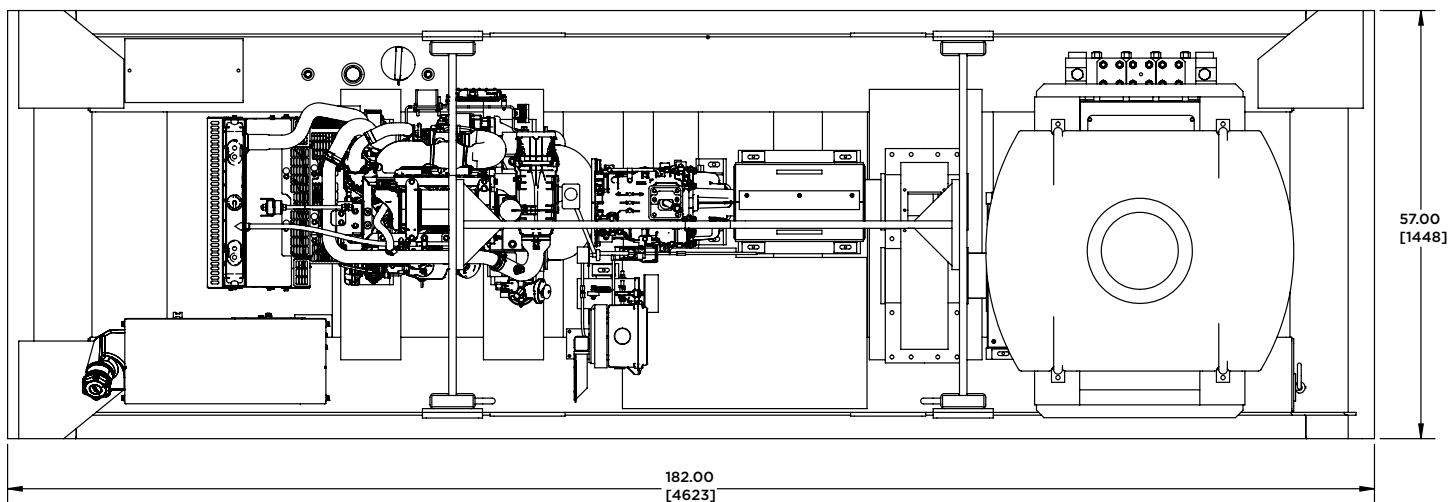
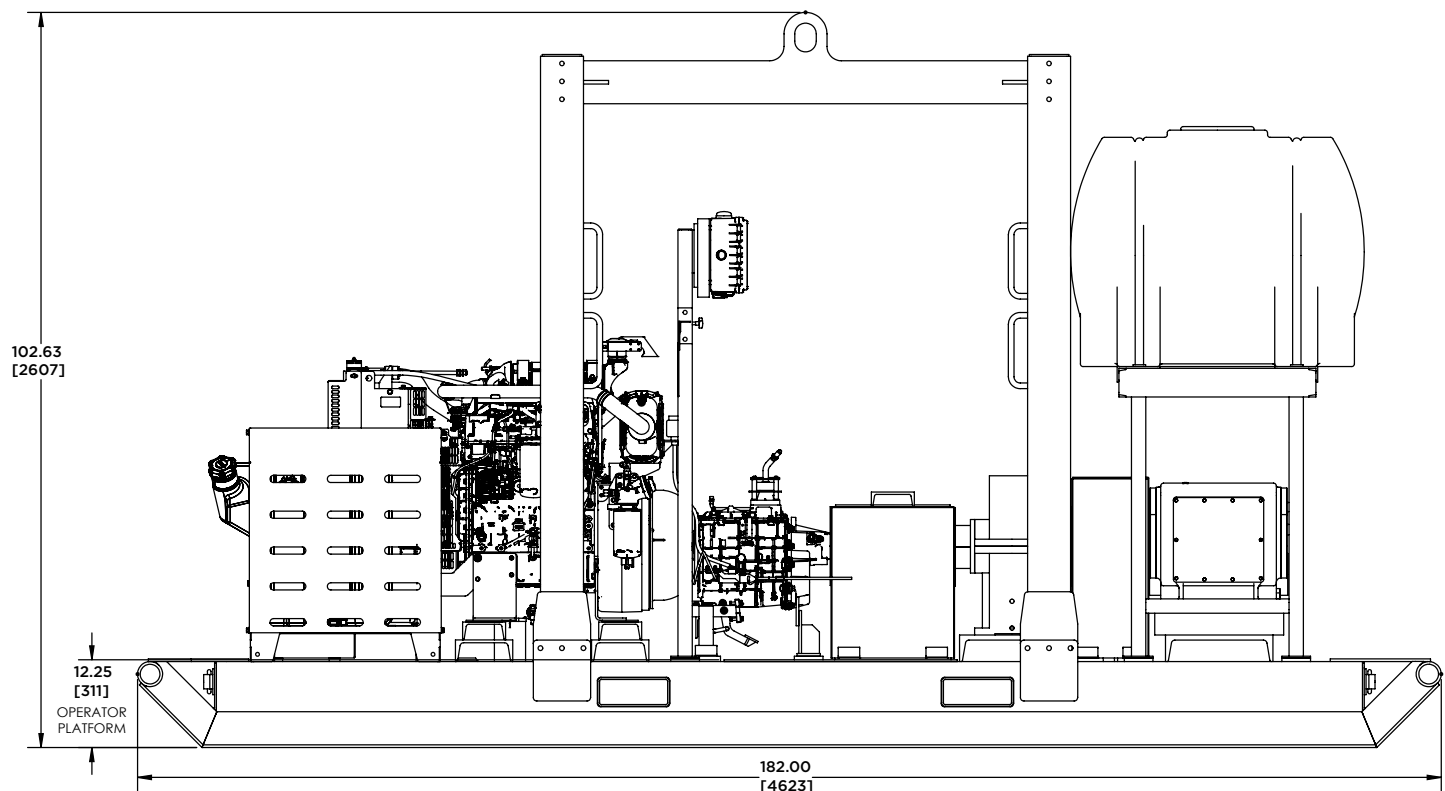
SPECIFICATIONS

Plunger Diameter	1.97 in (50.04 mm)
Stroke Length	2.95 in (75 mm)
Vol./Stroke	0.117 gal (0.44 L)
Suction/ Discharge	4x1 in (100 mm)
Max Flow	52.53 gpm (11.93 m ³ /h)
Min Flow	4.26 gpm (0.97 m ³ /h)
Max Pressure	3,000 psig (20,684 kPa)
Temp. Limit	140 F° (60 C°)
Water Tank	125 gal (473 L)
Fuel Capacity	59 gal (223 L)

FEATURES

- Fully guarded shaft and coupling
- Standard engine control panel provides preset emergency shutdown protection.
- AISI/ASTM 420 Stainless Steel fluid end
- Aramid packing in fluid end
- Final pump speed via a flexible shaft to an oil lubricated gear reducer flexibly coupled to the pump
- 4 speed transmission to control pump speed and flow volume
- Standard carbon steel pressure relief valve to protect pump
- Standard 316 Stainless Steel pulsation dampener with EPDM elastomer bladder
- Standard skid-mounted format with integral fuel tank, tie downs, lifting bail and fork pockets
- Standard discharge pressure transducer with overpressure shutoff
- Liquid tank tied in to the suction for chemical injection or small volume hydrotests
- Magnetic style pickup stroke counter w/100' cord
- All units come with data packs for the discharge valves and fittings

Gear	Minimum Engine Speed (1,100 rpm)	Maximum Engine Speed (2,200 rpm)
1st	4.26 gpm (0.97 m ³ /h)	8.53 gpm (1.94 m ³ /h)
2nd	8.45 gpm (1.92 m ³ /h)	16.89 gpm (3.84 m ³ /h)
3rd	15.36 gpm (3.49 m ³ /h)	30.72 gpm (6.98 m ³ /h)
4th	26.27 gpm (5.97 m ³ /h)	52.53 gpm (11.93 m ³ /h)



WEIGHTS

Dry Weight: 6,725 lbs (3,051 kg)

Wet Weight (Fuel Only):
7,145 lbs (3,241 kg)

Wet Weight (Fuel & Water):
8,190 lbs (3,715 kg)