GLOBAL PUMP

22GPP 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.

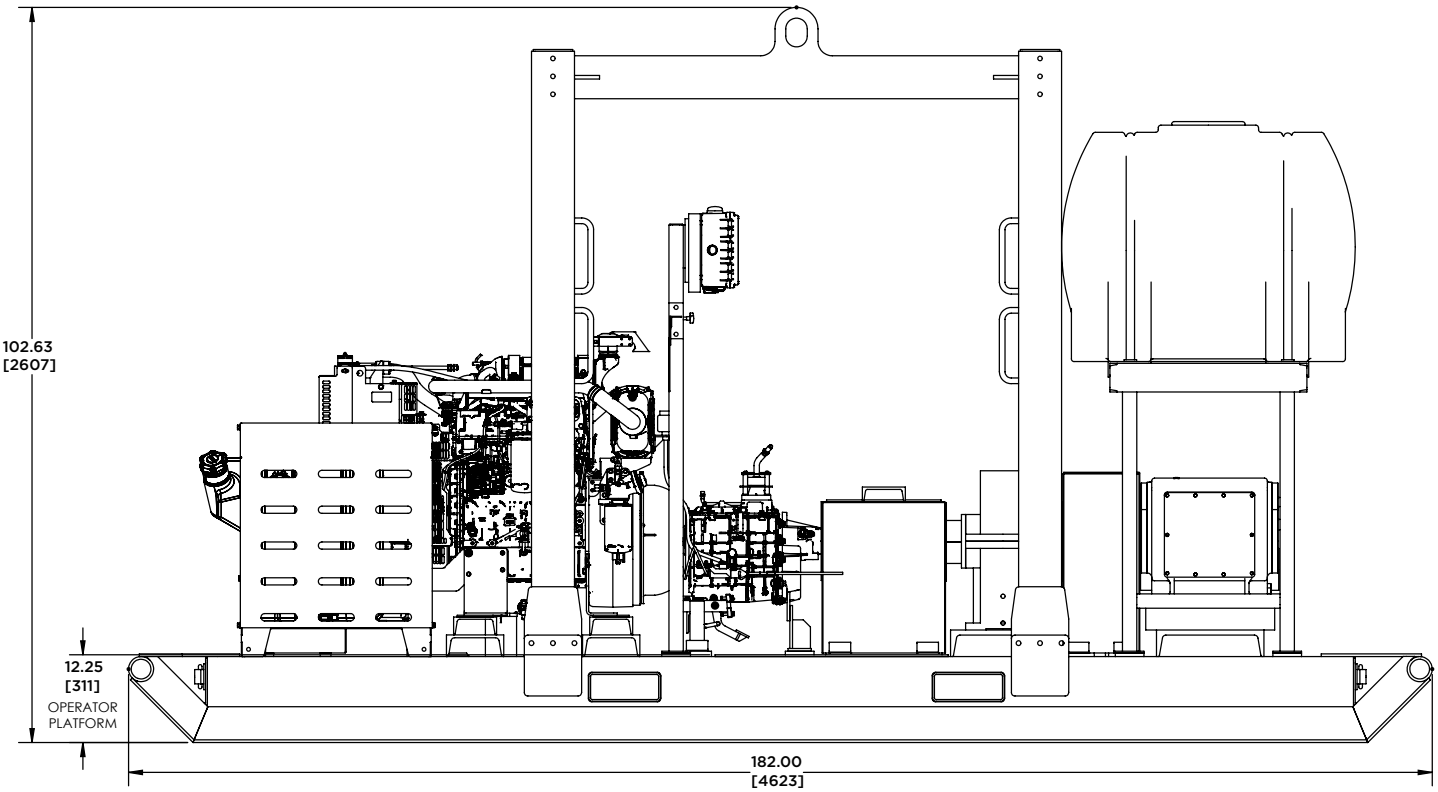
SPECIFICATIONS

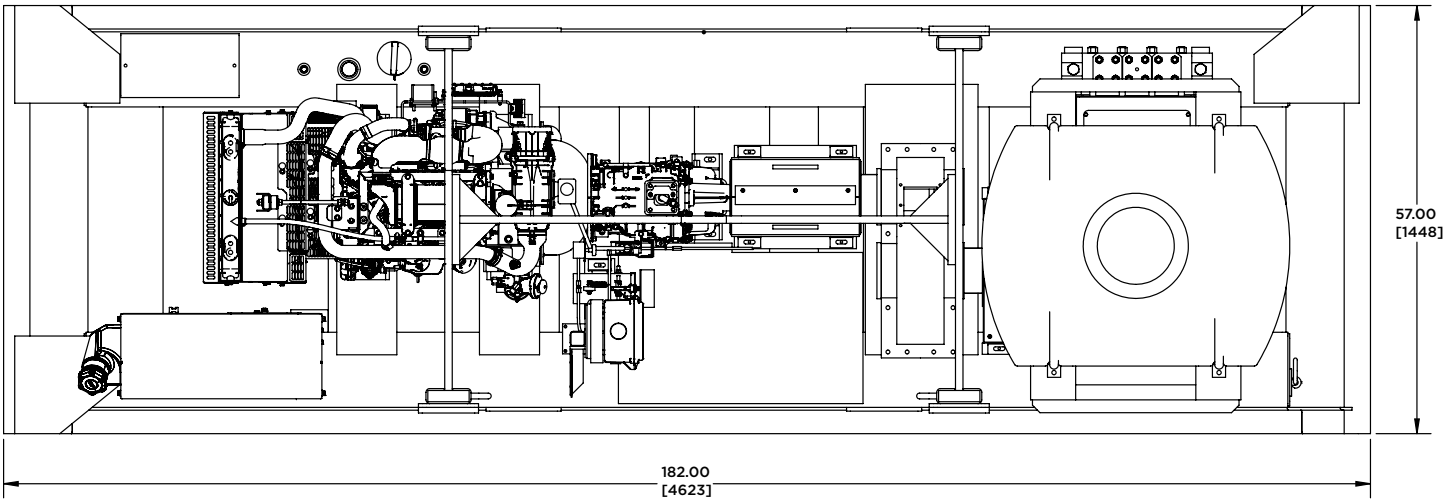
Plunger Diameter	1.38 in (35 mm)
Stroke Length	2.95 in (75 mm)
Vol./Stroke	0.057 gal (0.22 L)
Suction/ Discharge	4x1 in (100 mm)
Max Flow	21.91 gpm (4.98 m³/h)
Min Flow	1.79 gpm (0.41 m³/h)
Max Pressure	5,000 psig (34,473 kPa)
Temp. Limit	140 F° (60 C°)
Water Tank	125 gal (473 L)
Fuel Capacity	59 gal (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	1.79 gpm (0.41 m³/h)	3.56 gpm (0.81 m³/h)
2nd	3.52 gpm (0.79 m³/h)	7.05 gpm (1.01 m³/h)
3rd	6.41 gpm (1.45 m³/h)	12.82 gpm (2.91 m³/h)
4th	10.96 gpm (2.45 m³/h)	21.91 gpm (4.98 m³/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)

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