GLOBAL PUMP

3GPP 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, 3-cylinder diesel engine.

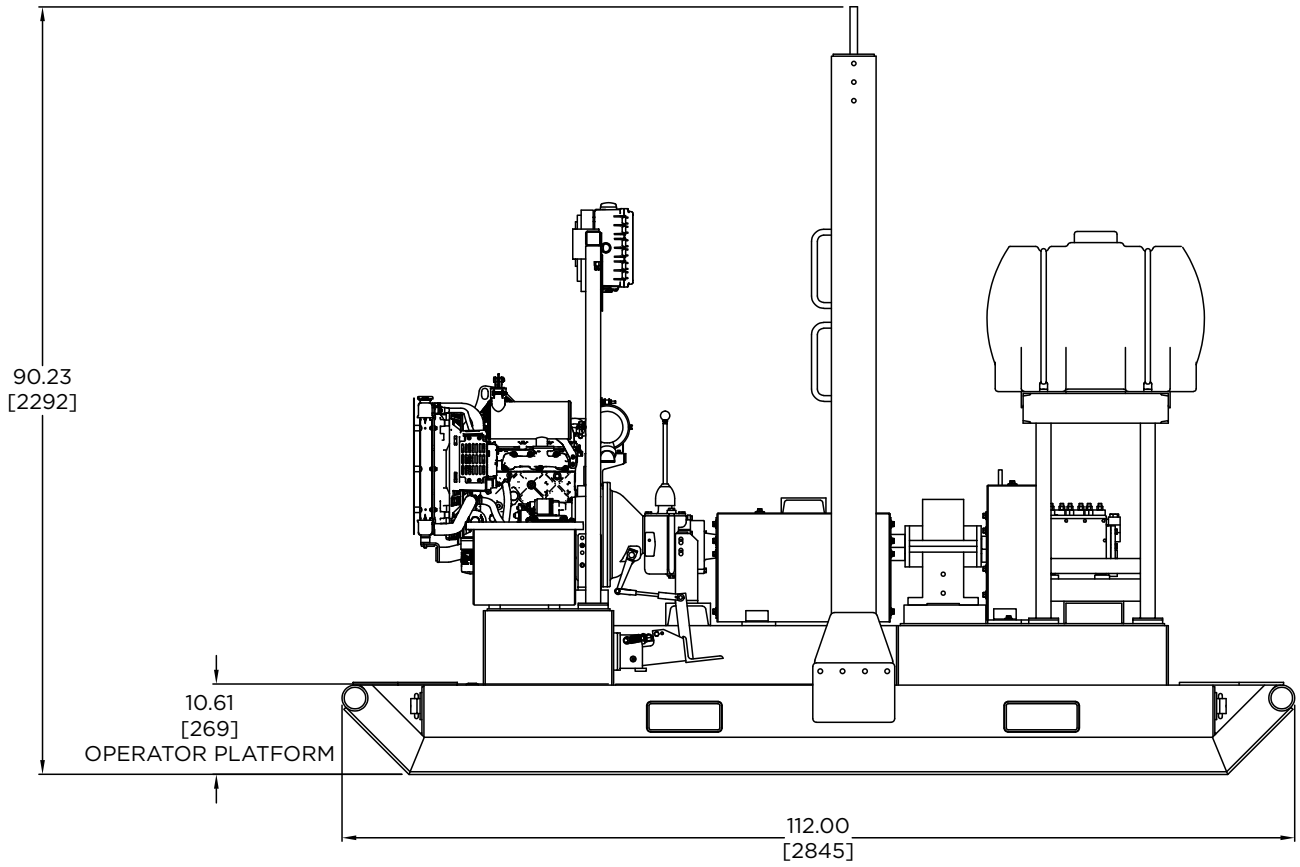
SPECIFICATIONS

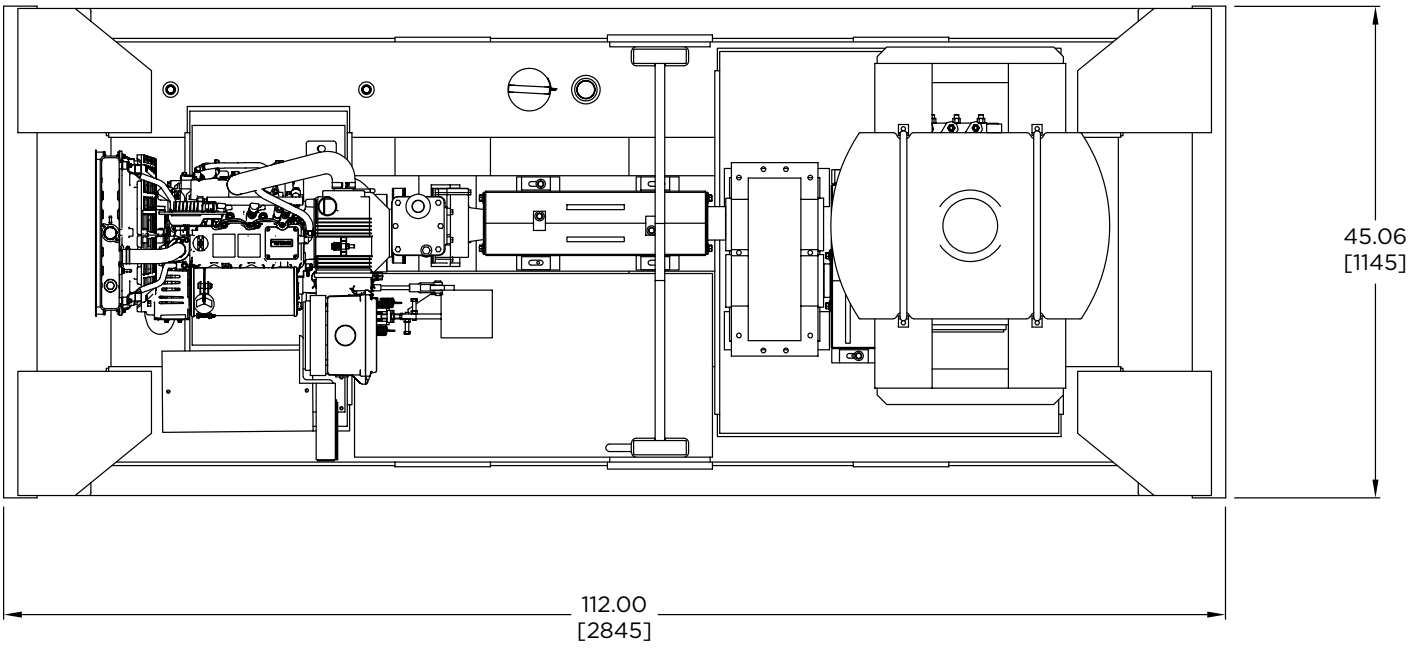
Plunger Diameter	.71 in (18 mm)
Stroke Length	1.38 in (35 mm)
Vol./Stroke	0.007 gal (0.03 L)
Suction/ Discharge	4x1 in (100 mm)
Max Flow	3.03 gpm (0.69 m³/h)
Min Flow	0.28 gpm (0.06 m³/h)
Max Pressure	5,000 psig (34,473 kPa)
Temp. Limit	140 F° (60 C°)
Water Tank	35 gal (133 L)
Fuel Capacity	38 gal (144 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 (1,200 rpm)	Maximum Engine Speed (3,000 rpm)
1st	.28 gpm (0.06 m³/h)	.71 gpm (0.16 m³/h)
2nd	.40 gpm (0.09 m³/h)	1.01 gpm (0.23 m³/h)
3rd	.64 gpm (0.15 m³/h)	1.60 gpm (0.36 m³/h)
4th	1.21 gpm (0.27 m³/h)	3.03 gpm (0.69 m³/h)





WEIGHTS

Dry Weight: 4,200 lbs (1,905 kg)	Wet Weight (Fuel Only): 4,500 lbs (2,041 kg)	Wet Weight (Fuel & Water): 4,800 lbs (2,177 kg)

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