



# 5GPP 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.

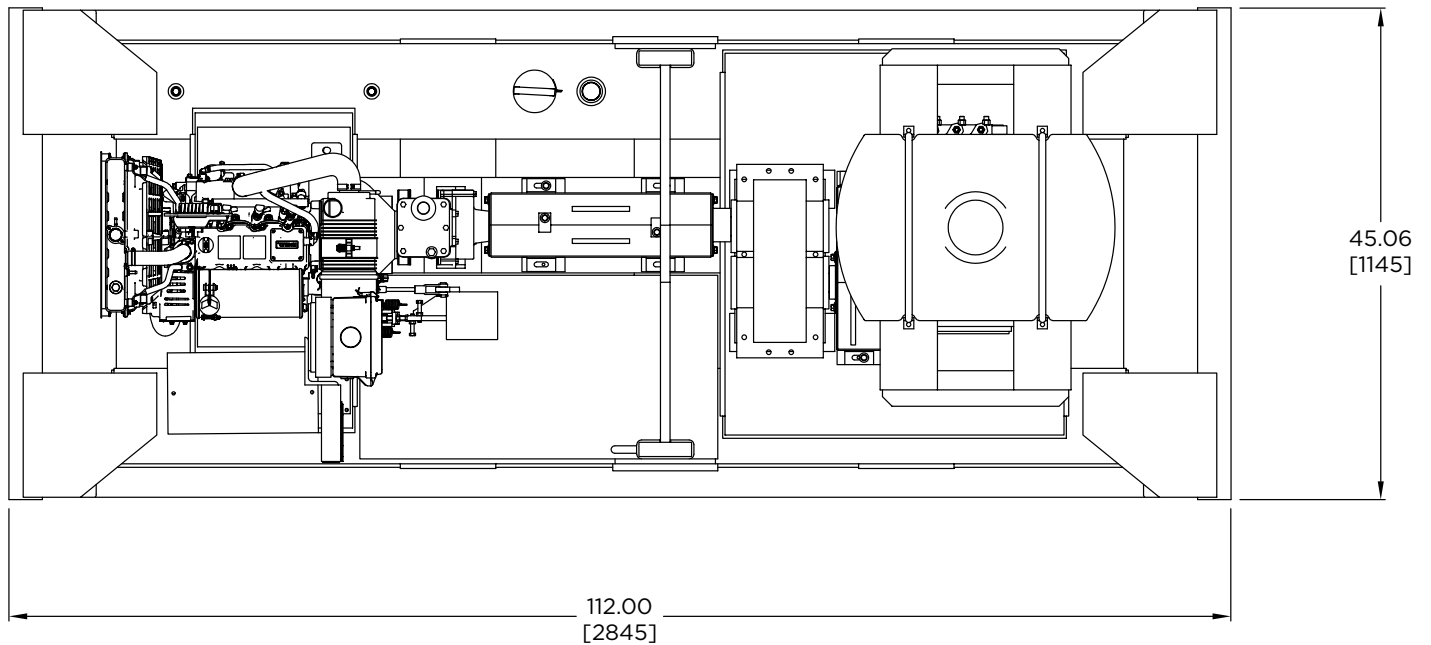
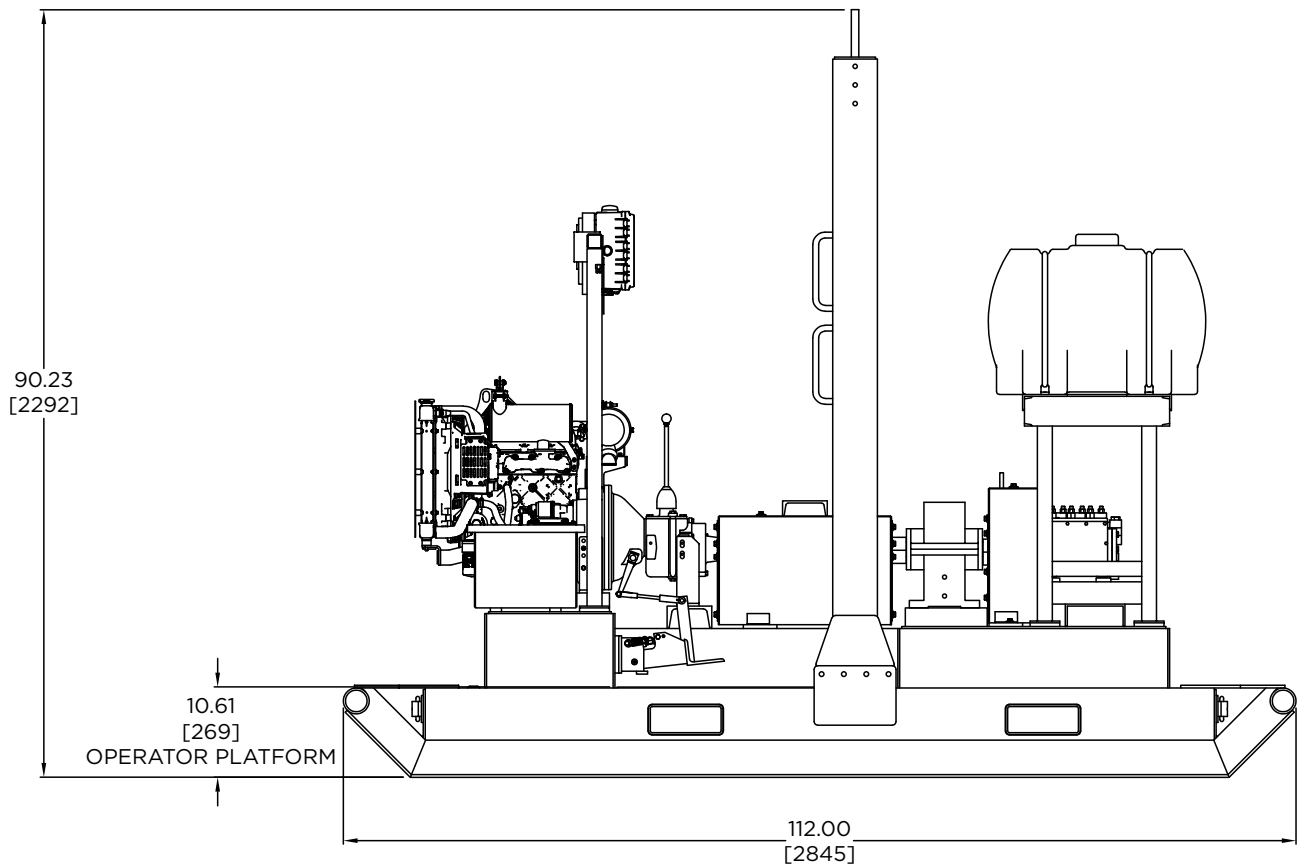
## SPECIFICATIONS

|                    |                                      |
|--------------------|--------------------------------------|
| Plunger Diameter   | .94 in (24 mm)                       |
| Stroke Length      | 1.57 in (40 mm)                      |
| Vol./Stroke        | 0.014 gal (0.05 L)                   |
| Suction/ Discharge | 4x1 in (100 mm)                      |
| Max Flow           | 5.43 gpm<br>(1.23 m <sup>3</sup> /h) |
| Min Flow           | 0.51 gpm<br>(0.12 m <sup>3</sup> /h) |
| Max Pressure       | 5,000 psig<br>(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  | .51 gpm (0.12 m <sup>3</sup> /h)  | 1.27 gpm (0.29 m <sup>3</sup> /h) |
| 2nd  | .73 gpm (0.17 m <sup>3</sup> /h)  | 1.82 gpm (0.41 m <sup>3</sup> /h) |
| 3rd  | 1.15 gpm (0.26 m <sup>3</sup> /h) | 2.87 gpm (0.65 m <sup>3</sup> /h) |
| 4th  | 2.17 gpm (0.49 m <sup>3</sup> /h) | 5.43 gpm (1.23 m <sup>3</sup> /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)