The Global Pump® Standard Trash Pump is specifically designed to effectively handle a wide range of liquids from water to sewage and sludge that can contain solids and other material.

Global Standard Trash pumps provide a dependable, highly efficient solution. The model 18GST is capable of achieving maximum flows of 14,000 gpm (3,180 m³/h) and maximum total head of 135’ (41 m) while handling solids up to 4.5” (114 mm) in diameter.

The standard 18GST is powered by a water-cooled, 6-cylinder diesel engine. Alternative drives are available, including other diesel engines or electric motor options.

**FEATURES**
- Global Pump’s rugged, heavy duty pumps are engineered specifically for portable application
- Available with a diaphragm priming system
- Non-return valve uses only a single moving part to allow full flow with minimal restriction
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control
- Fully guarded coupling
- Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure
- Skid-mounted formats with tie downs, lifting bail, and fork pockets

**OPTIONS**
- Mechanical seal with glycol (biodegradable optional) quench allows the pump to start and run dry
- Global Pump’s Environmental Box separates and silences air exhaust and returns liquid to the pump suction.
- Fuel cubes for extended run times and/or remote location as required
- Sound attenuated enclosure options
- Hose racks, accessory containers and other custom features available as required
- Wide range of suction and discharge fittings including Global Pump’s own “QD” Quick Disconnect fittings and accessories
**SPECIFICATIONS**

**Connections**
- 18” x 14” (450 mm x 350 mm) ANSI Flanges

**Max Pump Speed**
- 1,050 rpm

**Max Flow**
- 14,000 gpm (3,180 m³/h)

**Max Head**
- 135’ (41.1 m)

**Max Static Priming Lift**
- 28’ (8.5 m)

**Temperature Limit**
- 160° F (70° C)

**Solids Handling Capability**
- 4.5” (114 mm)

**Max Casing Pressure**
- 125 psig (862 kPa)

**Fuel Cell**
- 5 gallon (18.9 liter) Test Tank

**Dry Weight**
- 15,200 lbs

**PUMP MATERIAL**
- **Casing**: Cast Iron (CD4MCu is an option)
- **Impeller**: Cast Iron (CD4MCu is an option)
- **Bearing Housing**: Cast Iron
- **Bearing Lubrication**: Grease
- **Shaft/Shaft Sleeve**: Steel/FNC Treated Steel
- **Seal**: Silicon Carbide on Silicon Carbide
- **Chassis/Fuel Cell**: Steel
- **Non-Return Valve**: Nitrile Fitted Cast Iron

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Specifications reflect model pictured, and are subject to revision without notice. Global Pump is not liable for any consequential, incidental or indirect damages relating to these specifications.