Global Pump® Standard Trash pumps are 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 12GST is capable of achieving maximum flows of 8800 gpm (1999 m³/h) and maximum total head of 135’ (41.1 m) while handling solids up to 4” (101.6 mm) in diameter.

The standard 12GST 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
- 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

- Available with a variety of priming systems, including Global’s Auto Prime® automatic priming system (compressor-fed venturi priming) or a diaphragm priming system
- 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
- Highway trailer with integral fuel cell/chassis, lights, fenders, tie downs, lifting bail, front and rear jacks. Trailer brakes can be offered 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: 12” (300 mm) ANSI Flanges
- Max Pump Speed: 1200 rpm
- Max Flow: 8800 gpm (1999 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” (101.6 mm)
- Max Casing Pressure: 125 psig (862 kPa)
- Fuel Cell: 305 gallons (1,155 liters)
- Dry Weight: 10,250 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: Stainless Steel
- Seal: Silicon Carbide on Silicon Carbide
- Chassis/Fuel Cell: Steel
- Non-Return Valve: Nitrile Fitted Cast Iron

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.