Global Pump’s High Performance 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 Pump High Performance Trash pumps provide a dependable, highly efficient solution. The model 4GHT is capable of achieving maximum flows of 1,600 gpm (341 m³/h) and maximum total head of 174’ (53.3 m) while handling solids up to 3” (76.2 mm) in diameter.

The standard 4GHT is powered by a water-cooled, 4-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

### 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
- Sound attenuated enclosure options
- Skid-mounted formats with tie downs, lifting bail, and fork pockets
- 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 4” (100 mm) ANSI Flanges
Max Pump Speed 2,200 rpm
Max Flow 1,600 gpm (341 m³/h)
Max Head 174’ (53 m)
Max Static Priming Lift 28’ (8.5 m)
Temperature Limit 160° F (70° C)
Solids Handling Capability 3” (76.2 mm)
Max Casing Pressure 125 psig (862 kPa)
Fuel Cell 85 gallons (320 liters)
Dry Weight 3,650 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