## **GLOBAL PUMP** A MERSINO COMPANY

## 8GST GLOBAL STANDARD TRASH



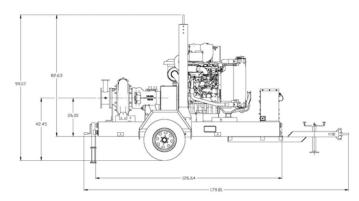
Global Pump<sup>®</sup> Standard Trash pumps are specifically designed to effectively handle a wide range of liquids from water to sewage and sludge that can contain solids and other material.

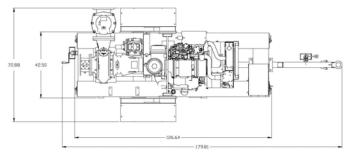
Global Pump Standard Trash pumps provide a dependable, highly efficient solution.The model 8GST is capable of achieving maximum flows of 3,650 gpm (829 m<sup>3</sup>/h) and maximum total head of 183' (55.8 m) while handling solids up to 4" (101.6 mm) in diameter.

The standard 8GST is powered by a water-cooled, 4-cylinder diesel engine. Alternative drives are available including natural gas as well as electric motors.

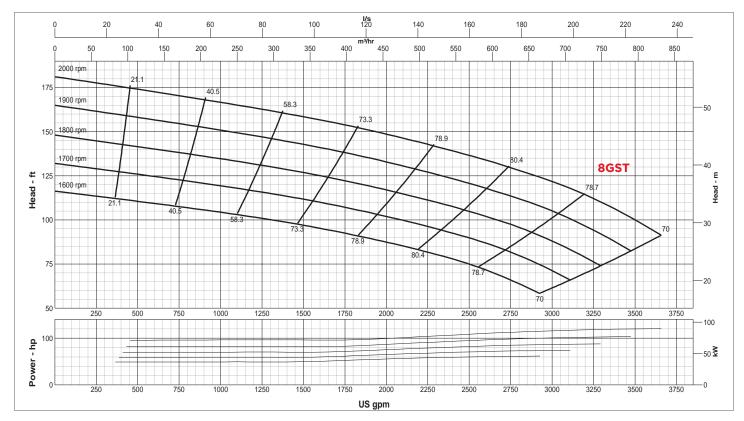
| FEATURES   | OPTIONS   |
|--|---|
| Global Pump's rugged, heavy duty pumps are engineered specifically for portable application  | Available with a variety of priming systems, including Global's<br>Auto Prime® automatic priming system (compressor-fed venturi<br>priming) or a diaphragm priming system |
| Non-return valve uses only a single moving part to allow full flow with minimal restriction  | Mechanical seal with glycol (biodegradable optional) quench allows the pump to start and run dry  |
| Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control                                   | Global Pump's Environmental Box separates and silences air exhaust and returns liquid to the pump suction.  |
| Fully guarded coupling   | Fuel cubes for extended run times and/or remote location as required  |
| Pump casings are hydrostatically tested to 50 psig (345 kPa)<br>above the peak casing design pressure  | Sound attenuated enclosure options  |
| Highway trailer with integral fuel cell/chassis, lights, fenders,<br>tie downs, lifting bail, front and rear jacks. Trailer brakes can be<br>offered as required | 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<br>Pump's own "QD" Quick Disconnect fittings and accessories  |

## 8GST GLOBAL STANDARD TRASH





| SPECIFICATIONS             |                                    |
|----------------------------|------------------------------------|
| Connections                | 8" (200 mm) ANSI Flanges           |
| Max Pump Speed             | 2,000 rpm                          |
| Max Flow                   | 3,650 gpm (829 m³/h)               |
| Max Head                   | 183' (55.8 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                  | 109 gallons (413 liters)           |
| Dry Weight                 | 5,100 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           |
|                            |                                    |



**GLOBAL PUMP** 

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