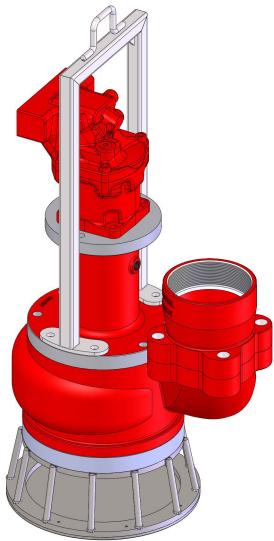


## 6GSTHY

# GLOBAL STANDARD TRASH HYDRAULIC SUBMERSIBLE PUMP



Global Pump® Standard Trash Hydraulic Submersible 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 Hydraulic Submersible pumps provide a dependable, highly efficient solution. The 6GSTHY model is capable of achieving maximum flows of 2466 gpm (560.2 m<sup>3</sup>/h) and maximum total head of 135' (41.3 m) while handling solids up to 3" (76.2 mm) in diameter.

Specifically for portable applications, the Global Standard Trash Hydraulic Submersible Pumps are designed to be powered by Global Pumps diesel engine Hydraulic power pack or compatible power source.

#### PUMP FEATURES

Mechanical seal with oil lubrication allows the pump to start and run dry

Pump casings are hydrostatically tested to 50 psig (345 kPa) to withstand harsh conditions

Two vane closed impeller comes standard to meet highly efficient requirements

Variable speed hydraulic drive provides a wide range of performance

Operates with Global's portable hydraulic power pack or other hydraulic power sources with compatible flows

Rugged, quality construction

Safe hydraulic drive can be used where electric power is hazardous or impractical

Pumps are multi-use and can be used in pipelines or used as a booster pump

Pumps casing is designed to fit through 21" manholes for sewer applications

#### OPTIONS

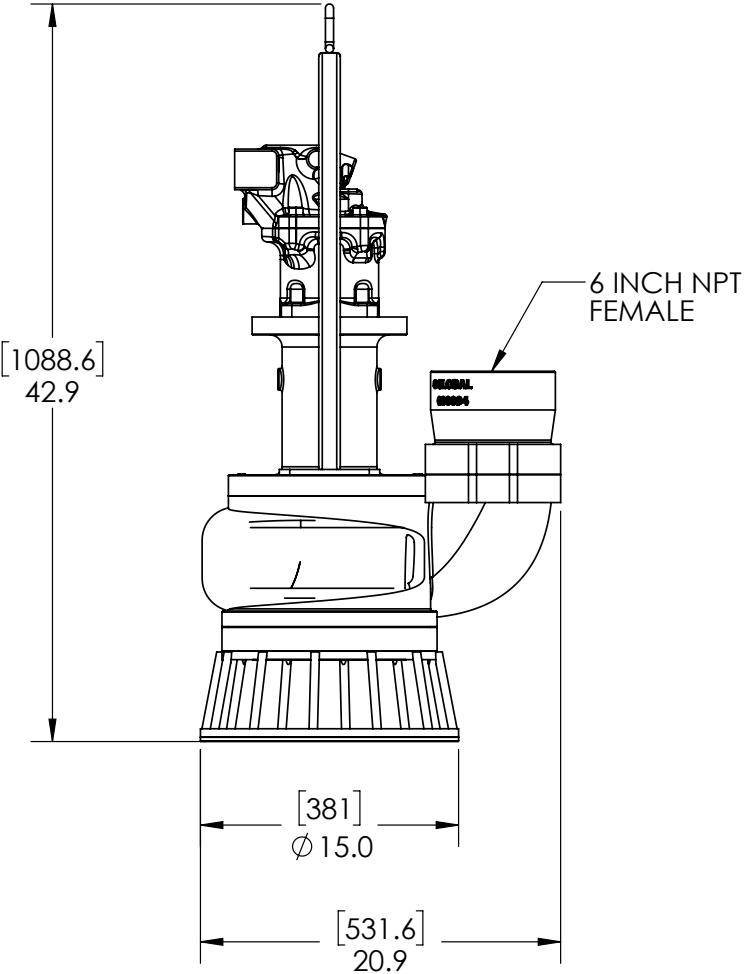
Stainless alloy CD4MCu casing were corrosion and strength are needed

Robust corrosion resistant CD4MCu impeller

Wide range of discharge fittings including Global Pump's own "QD" Quick Disconnect fittings and accessories

Variety of hose sizes available to fit any job

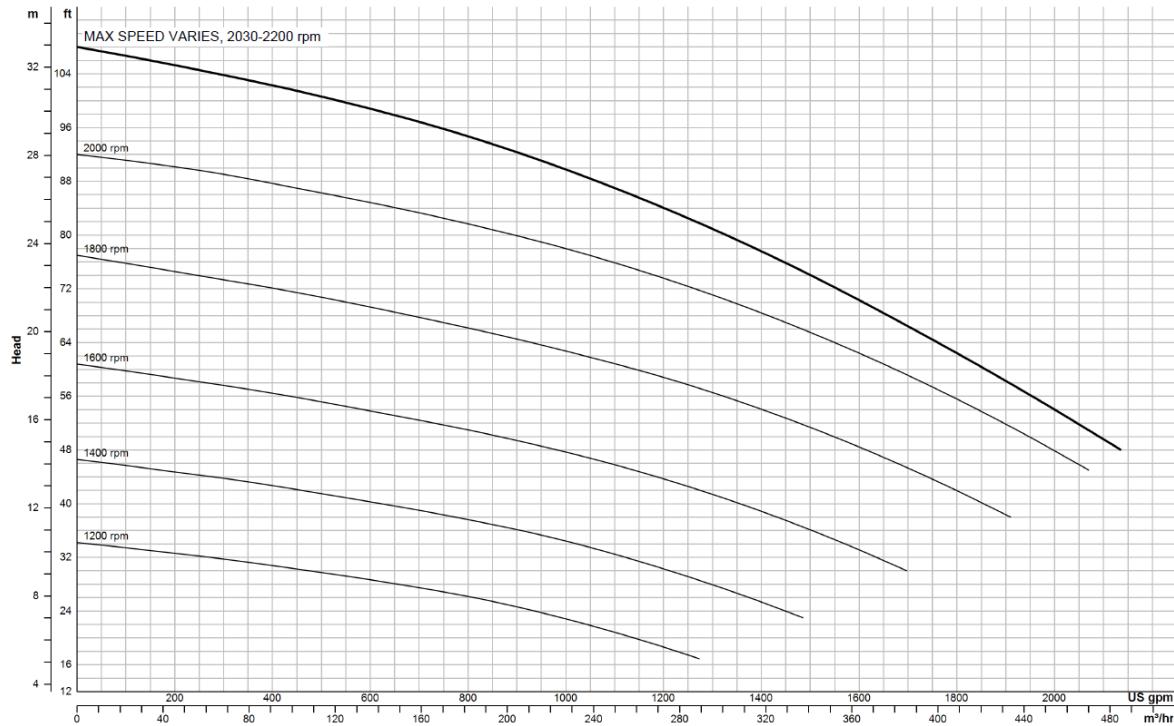
1 1/4 and 1 1/2 pressure and return hoses with quick disconnect fittings



## PUMP SPECIFICATIONS

Connections	6" NPT Discharge
Max Pump Speed	2155 rpm
Max Flow	2466 gpm (560.2 m <sup>3</sup> /h)
Max Head	135.4' (41.3 m)
Temperature Limit	160° F (70° C)
Solids Handling Capability	3" (76.2 mm)
Max Casing Pressure	2460 psig (170 kPa)
Weight	745 lbs. (346 kg)
Height	45" (114 cm)
Width	42 1/2" (108 cm)
Inlet Size	10" 125 lbs
Hose Ports	1 1/4" pressure and 1 1/2" return
Hydraulic Oil	AWS 460.1
Operating Pressure	2460 psi (170 Bar)
Input Flow	Max 70 GPM (265 LPM)
PUMP MATERIAL	
Casing	Cast Iron (CD4MCu is an option)
Impeller	Cast Iron (CD4MCu is an option)
Bearing Housing	Cast Iron
Bearing Lubrication	Oil
Shaft	Steel
Seal	Silicon Carbide on Silicon Carbide
Chassis/Fuel Cell	Steel

## PERFORMANCE CURVE


**GLOBAL PUMP**

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