



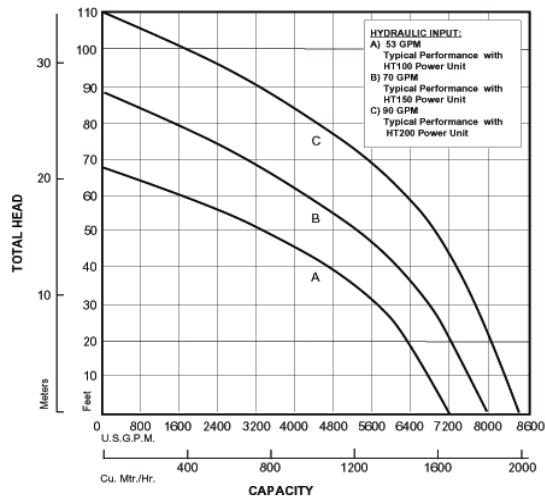
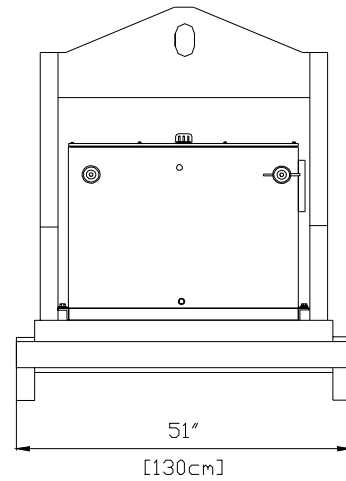
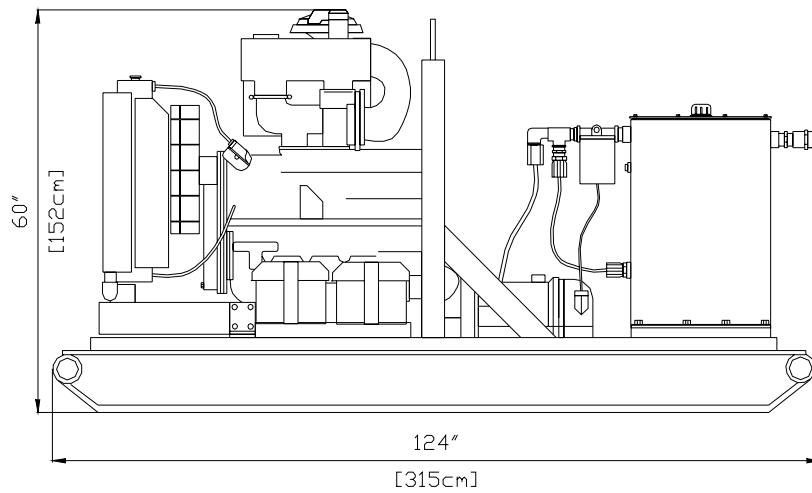
12" HYDRAULIC SUBMERSIBLE PUMP



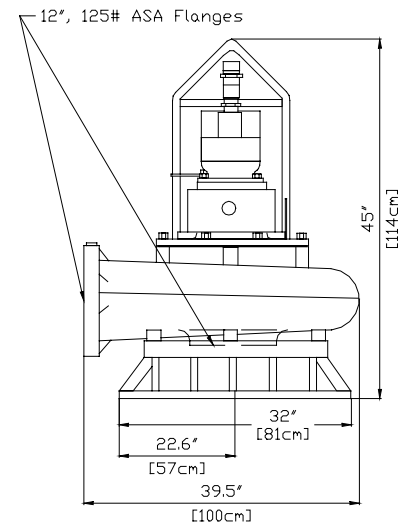
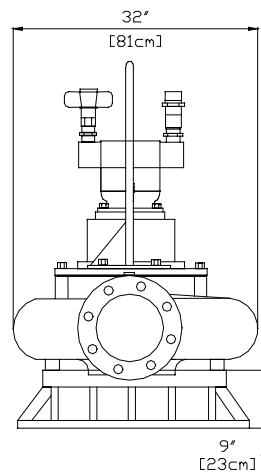
Specially designed to handle liquids such as sewage and sludge containing solids up to 5" (127 mm) in diameter, the Global Pump 12HYD provides a dependable, high efficiency solution. The 12HYD is capable of achieving maximum flows of 8000 US gallons per minute (1816.8m³ per hour) and 88 feet (26.8m) total head. The standard 12HYD is offered with a skid mounted hydraulic power unit.

Features

- Oil lubricated silicon carbide seals (can run dry)
- Skid frame chassis with built in tank and fork lift slots
- The engine on the hydraulic power unit features an automatic safety shutdown package
- Variable speed hydraulic drive allows the pump to be operated anywhere within the range of maximum flow capacity and maximum head depending on the application
- High efficiency piston hydraulic pump
- Compact design with an integral 89 US gallon (337 Liters) fuel tank and a 95 US gallon (385 Liters) hydraulic oil reservoir
- Safe hydraulic drive between the portable power unit and pump end means that it can be used where electric power is hazardous or impractical
- Submersible pump is not affected by suction lift limitations
- Engine mounted hydraulic oil cooler
- Pressure relief valve for safe operation
- Fluid level/ temperature gauge



Curves are based on pumping water at 60° F. For Performance Curves other than shown above, Consult Factory.



Specifications

- Maximum Operating Pressure:** 2500psi
- Pump End Weight:** 865lbs. (392kg)
- Solids Handling Capability:** 5" (125 mm) diameter using standard impeller
- Maximum Input Flow:** 90 gallons per minute (341 Liters per minute)
- Fuel Consumption:** Approx. 7 US gallons per hour (27 Liters per hour)
- Integral Fuel Tank Capacity:** 89 US gallons (337 liters), providing approx. 12.7 hours of running time
- Inlet Flange Connection:** 12" 125# ASA
- Discharge:** 12" NPT(F)

Materials

- Pump Body, Wear Ring, and Impeller:** Ductile Iron
- Pump Drive Shaft:** 17-4PH Stainless Steel
- Shaft Seal:** Carbon/Ceramic (Std.)
- Hydraulic Oil:** SAE 10W or 20W Type AW
- Pump End Elastomers:** Buna N (Std.)

Pumps: Sales, Parts & Service



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