

4TSTAP

STANDARD TRASH AUTO PRIME



Technosub® Standard Trash Auto Prime 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.

Technosub Standard Trash Auto Prime pumps provide a dependable, highly efficient solution in a completely automatic priming pump.

The model 4TSTAP is capable of achieving maximum flows of 1250 gpm (284 m³/hr) and maximum total head of 116' (35 m) while handling solids up to 3" (75 mm) in diameter.

The standard 4TSTAP is powered by a water-cooled, 4-cylinder diesel engine. Alternative drives are available, including other diesel engines or electric motor options.

FEATURES

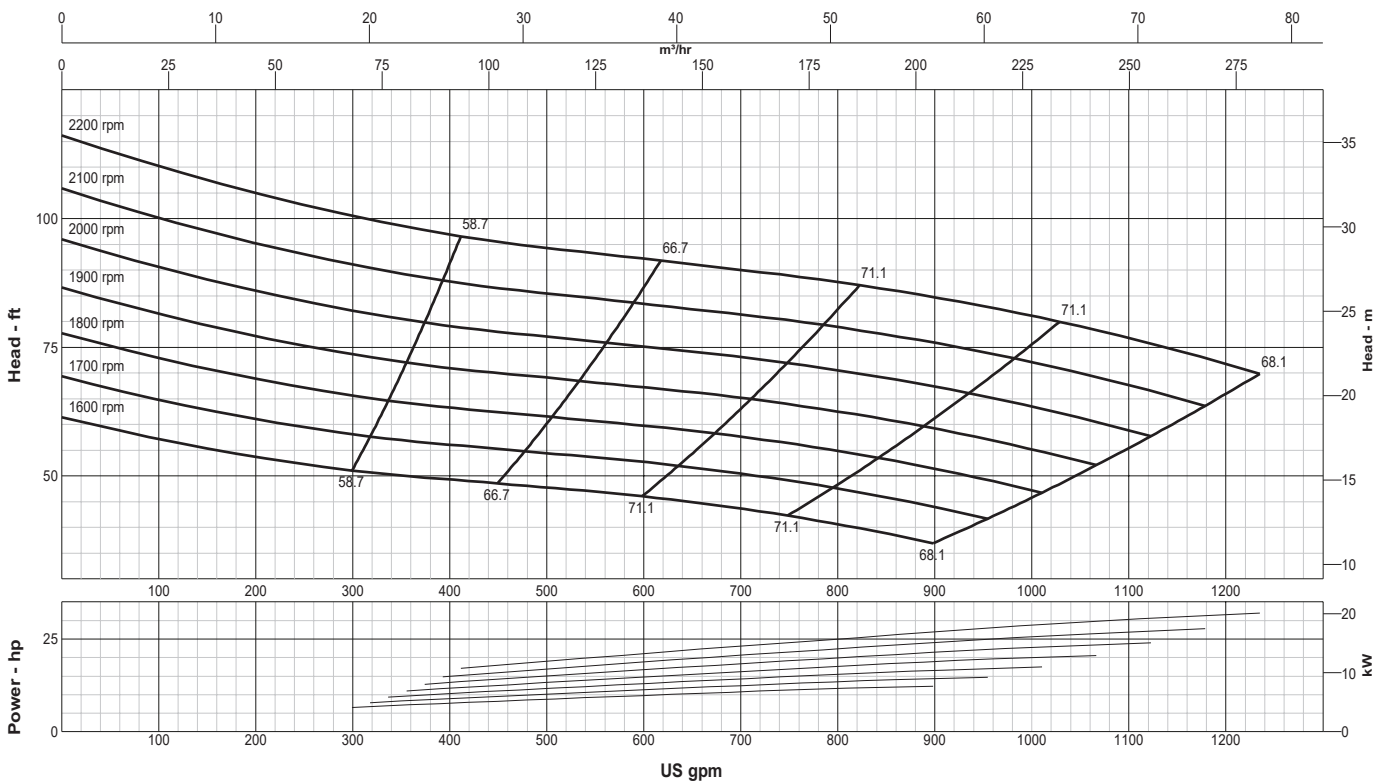
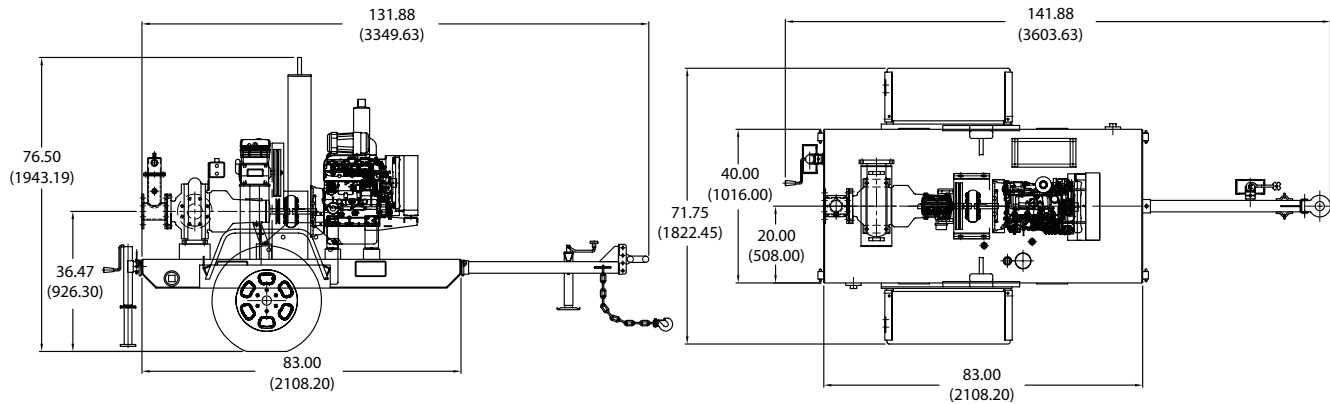
- Technosub's rugged, heavy duty pumps are engineered specifically for portable application
- Fully automatic priming system allows the pump to prime and re-prime while running
- Compressor-fed, venturi priming system provides rapid, reliable priming
- Mechanical seal with biodegradable glycol quench allows the pump to start and run dry
- Non-return valve uses only a single moving part to allow full flow with minimal restriction
- Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control
- Skid-mounted formats with tie downs, lifting bail, and fork pockets

OPTIONS

- Fuel tanks for extended run times and/or remote location
- Modular trailer kit
- Trailer brakes and lights
- Sound attenuated enclosure
- Hose racks, accessory containers and other custom features available
- Wide range of suction and discharge fittings including Technosub's own "QD" Quick Disconnect fittings and accessories

Various motor sizes available pending operating point

4TSTAP STANDARD TRASH AUTO PRIME



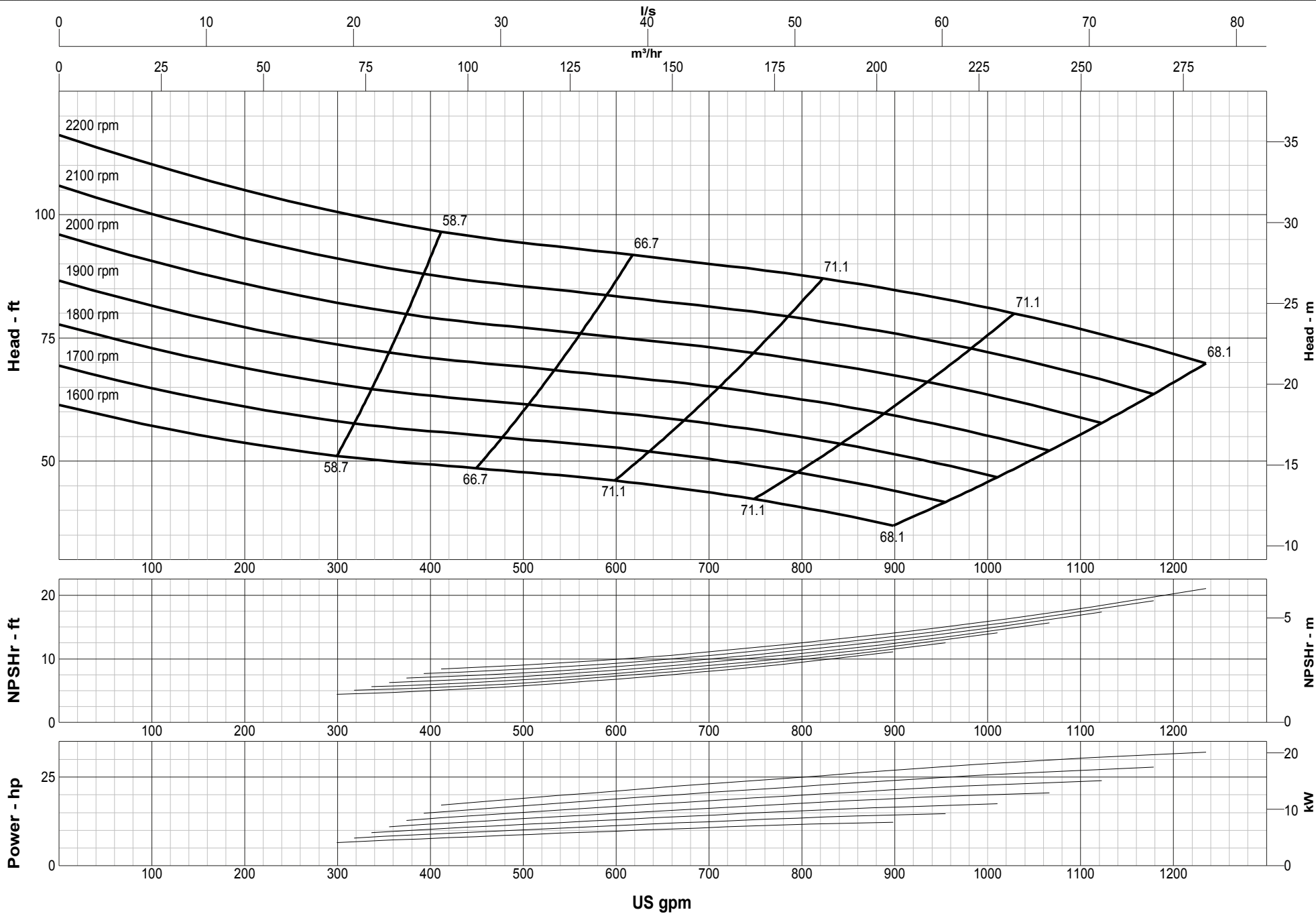
SPECIFICATIONS

- **Connections:** 4" (100 mm) ANSI Flanges
- **Maximum Pump Speed:** 2200 rpm
- **Maximum Flow:** 1250 gpm (284 m³/h)
- **Maximum Head:** 116' (35 m)
- **Maximum Static Priming Lift:** 28' (8.5 m)
- **Water Temperature Limit:** 160° F (70° C)
- **Solids Handling Capability:** 3" (76,2 mm)
- **Maximum Casing Pressure:** 125 psig (862 kPa)
- **Fuel Cell:** 85 gallons (320 liters)
- **Dry weight :** 3100 lbs
- **HP:** May vary, contact Sales Representative.

PUMP MATERIALS

- **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 and illustrations are subject to revision without notice. Technosub is not liable for any consequential, incidental or indirect damages relating to these specifications.



SPECIFICATIONS

Model size : 4TSTAP
 Speed : 1600 - 2200 rpm
 Dia : 8.5 in



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