

6K Sub-Boost Pod

Description

The highly efficient hydraulic Sub-Boost pump is driven by a market leading diesel engine to pump water at a rate of 6000 gpm (22,710 Lpm). The use of our hydraulically driven submersible pump aids the mechanically driven pump by creating positive pressure, thus increasing efficiency of the system. Both the hydraulic pumps and the boost pump are driven by a single diesel engine using an industrial PTO drive.

In either configuration, the water can be fed into large volume firefighting monitors such as the US Fire Pump Sentry 9[®] trailer mounted monitor, or sent over a long distance hose relay, substantially increasing the logistical efficiency at incident sites.

The submersible unit is compact and easy to deploy. The self-contained pumping system can be built on a base skid, a hook lift skid, or a trailer for easy transportation. A large integrated fuel tank can hold enough fuel to run the pump for up to 8 hours.

Firefighting experience and commitment to reliability are incorporated into the design of the control system. All US Fire Pump Submersible Pumps and submersible/boost combination units provide a user-friendly, water resistant control panel as a primary interface. Advanced sensors, redundant control mechanisms, and emergency shut-down switches are integrated for safe and easy operation.

The standalone submersible pump is ideal if you already have a US Fire Pump draft/boost pump. Weighing only 300 lbs. (136 kg), the floating unit is equipped with ergonomically designed carry poles which allow two or four operators to carry the pump unit into hard to reach locations. The combo pump provides unparalleled pumping and boosting capabilities in one transportable package.



US Fire Pump provides various options and customizations, such as noise attenuating enclosures, solar charging, intake and discharging manifolds, varying transport modes, emergency and scene lighting, and on-board crane options.

Features

- Reliable, heavy-duty components
- Fast, single person deployment
- Compact design
- Storz connections
- Scene lighting
- Powered rewind reel with 75ft hydraulic hose capacity
- Quick disconnects on hydraulic hose

Build Options

- Trailer mounted skid with hose storage and drop gate
- Hooklift enclosed skid with removable doors
- Weather resistant enclosure
- Sound attenuated enclosure
- Programmable engine controller

FOR MORE INFORMATION VISIT WWW.USFIREPUMP.COM

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EMERGENCY 24 HOUR RESPONSE: (225) 209-6551



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Technical Specifications

| | |
|---|--|
| Model | 6K Sub-Boost Pod |
| Base Material | Carbon Steel |
| Dimensions (LxWxH)⁵ | 204x82x78" (518cm x 208cm x 198cm) |
| Approximate Weight | 18,000 lbs. (8,165 kg) |
| Standard Platform | Skid style template: Skid offers pick-and-place flexibility, and fits all US Fire Pump trailer layout options. ² |
| Pump Model | (2) 3000 GPM floating submersible (1) LFD 1000-2 |
| Pump Type | Centrifugal End Suction |
| Pump Material | Standard option is epoxy coated cast Aluminum with Stainless Steel impellor |
| Drivers Available | CATERPILLAR, CUMMINS, JOHN DEERE, SCANIA, PERKINS |
| Fuel Cell Capacity | 190 gallons. Fuel cell sized proportionately to the engine size and hourly consumption. |
| Fuel Type | Diesel |
| Submersible Pump Discharge Outlet | (4) 6" Storz Outlet Other options available |
| Control Panel | Simple engine control panel with LCD display for engine data and waterproof control switches for hydraulic pumps and accessories |
| Available Transportation Modes² | Hook-loader skid, gooseneck with 2 5/16 in. ball hitch (59 mm) or 2 in. King Pin (51 mm); or bumper pull trailer with 2 5/16 in. ball hitch (59 mm) or lunette eye / Pintle Hook |
| Maximum Run Time with Full Fuel Tank | 8 hours per tank of fuel |
| Nominal Flow Rate | 6000 gpm ³ (22,710 Lpm) |
| Maximum Ambient Temperature | 120° F (60° C) |
| Emission | EPA & CARB Tier IV, III & II (varies with model/options) |
| Protection System | Automatic alarm logging. Emergency kill switch. Auxiliary circuit breaker bank |

Note: Specifications are for reference only and subject to change without prior notice.

Specifications vary depending on configurations and options.

Send inquiries to US Fire Pump for details.

¹Other transportation modes include various trailers and skids.

²Some configurations may be weight limited.

³With both submersible pumps running.

⁴Pump Curves and additional information available upon request.

⁵Dimensions are subject to change depending on model and configuration

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