

Mobile Pump Unit MPU 300 Stage-V



Description

The FFS MPU300 Stage-V is a robust and compact fire pump, designed and manufactured for marine environment resisting sea water conditions.

The unit is a reliable all in one package that can be configured in various configurations suitable to customer requirements. This may include around the pump foam proportioning, various water inlet/outlet configurations, fixed manual or remote-controlled monitor options.

The unit is available with stage 5 diesel engine package to suite and meet respective global markets emission requirements. The heart of the unit is FFS well proven SFP 100x150BH fire pump capable of over 300 m³/h (1320 US GPM) @ 100M (330 ft) head.

The SFP fire pump series are characterized by excellent performance, durability tested and robust construction in combination with light weight and compact dimensions.

The diesel engine is electronically governed, and turbo charged, equipped with heat exchanger cooled by an integrated system via the pump with overpressure protection. The unit is equipped with internal muffler with side outlet. The unit is totally self-contained and no external equipment is needed to drive this unit.

The operation panel is equipped with pressure gauges for pump suction and discharge, emergency shutdown button, engine speed control and priming pump switch. Also pump station mode with constant discharge pressure control, is standard.

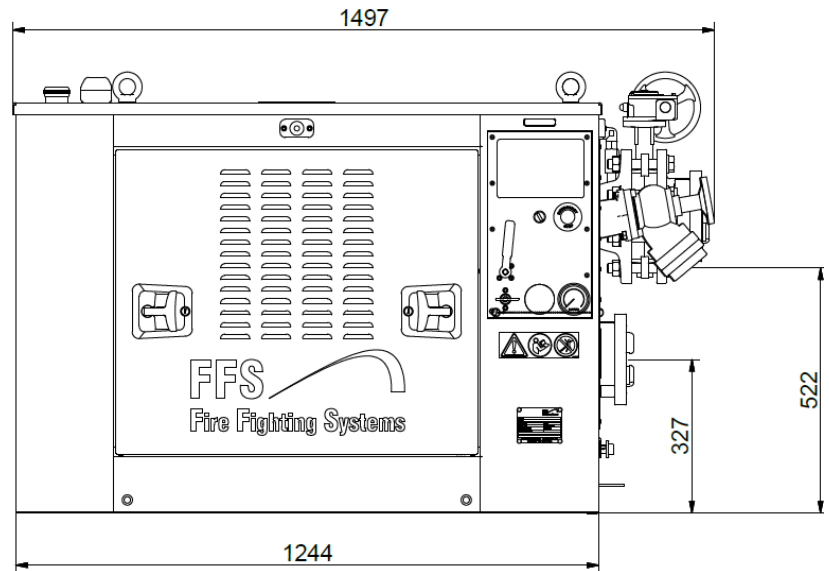
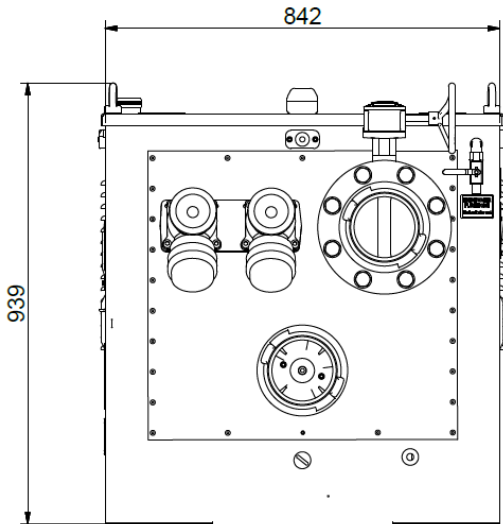
The pump package structural frame includes 4 x lifting points that allow for easy handling of the compact unit with a footprint of 1 square meter making it an high-performance multi-purpose pump for marine, forestry and municipal support that exceeds the most municipal fire pump flow rates.

Strict quality control are ensured with mandatory pressure- and performance tested at the factory pump testing facility that forms part of the 8000 sq.m. (85000 sq. feet) factory in Sweden, with highly qualified professionals and the latest ISO 9001 certification.

Product subjected to technical changes without prior notice.

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Performance Data

Pump Type	SFP 100x150
Nominal Flow	300 m ³ /h (1,320USgpm)
Nominal Pressure	10 Bar (145 psi)
Speed	3,600 rpm
Weight	Appr. 550 kg
Inlet	DN150 / PN10
Outlet	2 x DN65 / 1 x DN150 / PN16
Pump Casing	Nodular Cast Iron
Impeller	Ni-Al-Bronze
Shaft	Duplex Stainless Steel
Sealing	Lip seal
Design	Single stage Radial split
Diesel Engine	Steyr stage-V
Starting System	12VDC internal battery
Fuel Tank	130 l (appr. 4 hours operation at rated power)
Priming	Electrical vacuum pump
Control	Speed, alarms, protection
Lifting Lugs	Casing built-in
Ingress Protection	IP 23
Ambient Conditions	-20 °C / +60 °C

Key Features

- All-in-one package
- Plug & play design
- Compact, high capacity, light weight
- Sea water resistant
- Easy access to all control parts
- Marine grade equipment
- Stage-V emission compliant

Other Characteristics

- Coating RAL 3002
- Performance test acc. to ISO 9906: 2012, grade 2B
- Documented FAT

Options

- Trailer-mounted with different arrangements
- Variable inlet/outlet manifolds and connections
- Accessory box, hoses & hose racks
- Remote control / mobile app operation
- Solar panel battery charge
- Inlet 1 x 8"