Mobile Pump Unit MPU300



Description

The FFS designed, manufactured, assembled, and tested pumps are the heart of the fire fighting system. The pumps were originally developed to withstand harsh marine environment and to deliver sea water.

The MPU300 Mobile Pump Unit is an all-in-one package. Under the cover, our engineers were able to fit the a diesel engine with all auxiliaries, the well proven SFP 100x150BH fire pump, fuel tank, priming unit, battery, control unit and main manifolds to offer “plug and play” design.

From any source of sea- or fresh water, this unit will deliver over 300 m3/h (1320 US GPM) @ 100M (330 ft) head. Pack it in a pickup truck, put it on a trailer and MPU300 will be a powerful tool for any type of fire fighting crew. It has hook up points to be lifted by helicopter and dropped in remote locations.

The SFP fire pump series is characterized by excellent performance, durable and robust construction, light weight and compact dimensions. Our MPU300 is not an exception with only 1 sq.m. of footprint.
Each pump is pressure- and performance tested in our 8000 sq.m. (85000 sq. feet) factory in Sweden, with highly qualified professionals and the latest ISO 9001 certification. Strict quality control is a part of the procedure.

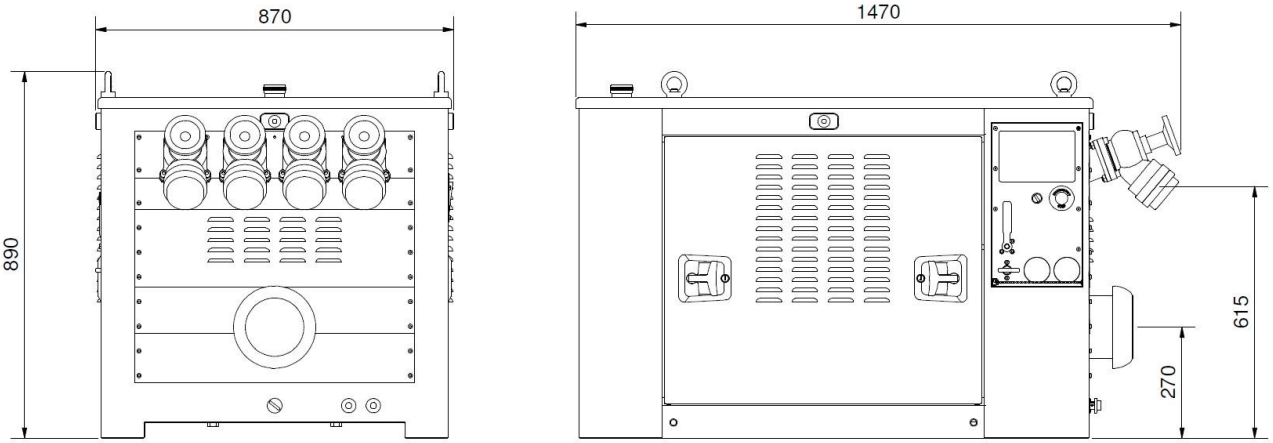
The diesel engine is electronically governed and turbo charged, equipped with heat exchanger cooled by an integrated system via the pump with overpressure protection. Equipped with internal muffler with side outlet. No external equipment is needed to drive this unit.

The operation panel is equipped with pressure gauges for pump suction and discharge, emergency shutdown button, engine speed control and priming pump switch

Product subjected to technical changes without prior notice.

Contact us
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Mobile Pump Unit MPU300



Performance Data

Pump Type	SFP 100x150
Nominal Flow	300 m3/h (1,320USgpm)
Nominal Pressure	10 barg (145 psi)
Speed	3,600 rpm
Weight	550 kg
Inlet DIN2526 Form A	DN150 / PN10
Outlet DIN2526 Form A	DN100 / PN16
Pump Casing	Nod. Cast Iron
Impeller	Ni-Al-Bronze
Shaft	Duplex Stainless Steel
Sealing	Lip seal
Design	Single stage | Radial split
Diesel Engine emission	Tier III
Starting System	12VDC internal battery
Fuel Tank	130l (4 hours operation)
Priming	Electrical vacuum pump
Control	Speed, alarms, protection
Lifting Lugs	Casing built-in
Ingress Protection	IP23
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

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”

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