Portable submersible pump type MSP-200

The MSP-200 is a light and compact, high capacity, hydraulic drive, centrifugal pump and designed for a wide range of products such as:

- chemicals
- solvents
- crude oil
- acids
- petroleum products
- edible oils

The pump impeller is keyed directly to the hydraulic motor shaft enabling a very compact design. Between the hydraulic motor and the pump impeller is a double mechanical seal arrangement to ensure a proper segregation between the hydraulic and product side. All parts exposed to the cargo are made of AISI 316L or PTFE. The pump has a maximum diameter of 300 mm and can be utilised via a standard 12” tank cleaning hatch. The pump can be driven by a ship’s hydraulic system or by means of a portable powerpack. As standard, the pump is delivered with an 18 m concentric hydraulic hose with a start-stop valve at the other end. A flow control can be delivered as an option.

**MSP-200**
- Discharge connection: 4” coupling or 4” flange
- Max. pressure: 320 bar
- Max. return pressure: 10 bar
- Max. oil flow: 112 (l/min)
- Pressure connection: 1” quick coupling
- Return connection: 1½” quick coupling

**Dimensions**
- Max. diameter: 300 mm
- Height excluded stand pipe: 575 mm
- Stand pipe height: 1000-945 mm
- Weight excluded hoses: 52 kg

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**Pump Performance Curve**

- **Capacity (m³/h)**
- **Head (m)**

- 100 bar
- 150 bar
- 200 bar
- 250 bar
- 320 bar