



HYDROSUB 150

The HydroSub 150 is a mobile pumping unit driven by a powerful diesel engine with radiator cooling. It consists of a diesel-hydraulic pumping unit with a portable hydraulically driven submersible pump. The unit is built in a base frame with stainless steel panels and an anodized aluminum door. The submersible pump can be stored inside the frame during transportation or storage of the unit. The floating submersible pump will not be affected by waves or low water levels (min. 0.3 m). Even in cases where there is a risk of a watertight chamber due to an air bubble, the pump will maintain its operation. The 60 meter hydraulic hose length ensures access to almost any open water without any loss of capacity or time and has a reach of up to 60 meters vertically, horizontally or a combination of both. The unit also has a hydraulically driven support winch to recover the submersible pump after installation.

Capacity

- Standard Impeller: 2,500 lpm @ 14 bar (660 GPM @ 200 psi) or 3,800 lpm @ 10 bar (1000 GPM @ 150 psi)
- Hi-flow Impeller (optional): 8,500 lpm @ 2.2 bar (2245 GPM @ 32 psi)
- FloodModule for HS150 (optional): 50,000 lpm (13,200 GPM)

Control Instruments

- Hytrans Control System
- Vital parameters are monitored and recorded (e.g. oil pressure, oil temperature, fuel level, engine temperature, etc.)
- Audio and visual alarms are generated when a parameter is out of settings
- Machine status light, ambient lighting and work light
- Automatic water pressure adjustment (optional)

Dimensions

- Length: 4200 mm
- Width: 1160 mm

- Height: 1840 mm

