



OMS Pile Driving Equipment

PP 422

HYDRAULIC POWER PACKS



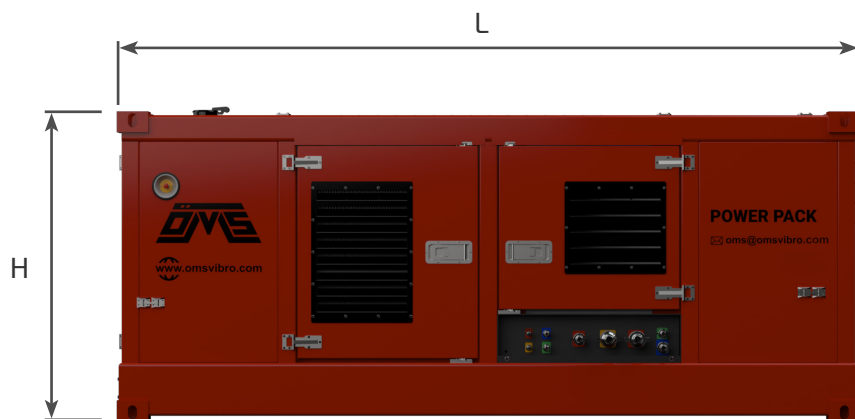
OMS Power Units can be controlled via the main control panel and instant information in relation to the hydraulic system, engine and retrospective failure logging can be obtained.

ADVANTAGES

- User Friendly
- Smart Control System
- Touch Screen Control Panel
- Predicts Possible Failures
- High Performance
- Enable to Self-Reprogramming
- Powerful, Reliable and Long life

OMS Power Packs predict possible failures and have advanced fault detection technology to enable self-reprogramming. Intelligent control system prevents use until the system reaches the optimum working conditions. These features ensure a long life for all components. OMS power units are available with closed or open loop hydraulic systems. Auxiliary systems are fed by one variable flow pump. The make of engine is optional.

PP 422 / Technical Specifications



PP 422

Unit	Metric	US
Oil Flow Max. (lpm/gpm)	460	121
Pressure Max. (bar/psi)	350	5076
Oil Capacity (liter/gal)	650	172
Diesel Tank Capacity (liter/gal)	800	211
Width (W) (mm/in)	1820	72
Length (L) (mm/in)	4520	178
Height (H) (mm/in)	2175	86

Engine Model	Power (kW/hp)	Weight (kg)	Weight (lbs)
Volvo TAD1342VE Tier 2	310/422	7000	15428

* Technical specifications are calculated with respect to maximum pressure and flow rate. Depending on the power unit model, the maximum pressure and flow rate may not produce at the same time. Both pressure and oil flow can be adjusted depending on the needs.

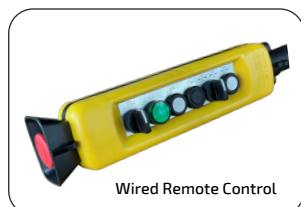
Remote Control

The vibrator can be fully controlled by the remote control

- Engine speed adjustment
- Amplitude/moment adjustment
- Clamp pressure safety lamp
- Vibrator start/stop switch
- Clamp open/close switch
- Clamp open safety switch
- Emergency stop button

Control Options

OMS Power Units can be controlled by the touch screen on the powerpack with wireless or wired remote control pendant. Also it can be operated with mobile devices such as phone or tablet.



Remote Control Module

Unleashing Power, Delivering Precision!

The **Remote Control Module** enables the OMS to connect to and update the power pack software from anywhere via the internet. Additionally, the OMS can remotely monitor the power pack's status for service and maintenance purposes.

