



Electric Hydraulic Powerpack (EHP)



The MarFlex Electric Hydraulic Powerpack consists of self-contained, extremely compact, and lightweight-built power supply equipment designed to drive the MarFlex portable submersible pumps.

The compactness of the design comes from the diesel engine and hydraulic system being installed onto the fuel tank itself. The fuel tank is also designed to contain fuel for a long operational time. The hydraulic pump is fed with oil from the hydraulic oil tank. The oil temperature is monitored by a three-way temperature valve set at a temperature of 40° C. The standard operating temperature of the hydraulic oil is between 60 to 70 °C.

The EHP is a skid mounted unit, including hydraulic oil tank, cooling, valves, and gauges, suitable for driving portable pumps.

Characteristics of all our Powerpacks:

- All components are enclosed within a protection and lifting frame.
- The protection and lifting frame is made from high tensile, seawater-resistant aluminum and coated with a two-component paint system.
- A dashboard is incorporated in the protection and lifting frame to check and control the:
 1. Engine and motor speed and temperature
 2. Lubricating oil pressure
 3. Hydraulic oil pressure and temperature
 4. Dirt level

Specifications	EHP-45	EHP-45	EHP-75	EHP-112
Location of operation	Safe area	Safe area	Safe area	Safe area
Ambient temperature	Max. 45°C	Max. 45°C	Max. 45°C	Max. 45°C
Length	1350	1350	1700	1700
Width	650	650	860	860
Height	1250	1250	1680	1720
Weight empty (kg)	500	500	1000	1370

Hydraulic system

Capacity (l/min)	60	72	125	130
Working pressure (bar)	280	280	320	320
System	Open	Open	Open	Open
Displacement (cm ³)	45	45	74	112
Hydraulic oil tank capacity (l)	125	125	300	300

Electric system

Auxiliary voltage (V)	230	230	230	230
Auxiliary current (A)	1	2	5	5
Frequency (Hz)	50	50	60	50

Electric motor

Rated power (kW)	37	34,5	90	90
Rated (rpm)	1500	1800	1800	1500
Current at 400 V	69	69	144	154
Insulation Class	F	F	F	F
Protection	IP56	IP56	IP56	IP56
	Tropical	Tropical	Tropical	Tropical

Contact for more information

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