

MariFlex DHP 50 Diesel-hydraulic Powerpack

MariFlex development, manufacturing, sales, rental and repair of off-loading equipment/systems.

As a specialist in service and repairs, MariFlex has a very comprehensive selection of pumps, powerpacks and other equipment available for sale or rent, specially designed and purpose-built for the transshipment of liquid cargoes.

MariFlex can offer you equipment ranging from complete standard portable pumping installations to custom made turn-key marine equipment.

Upon request, MariFlex designs and builds special pumps, powerpacks and other equipment, according to internationally recognised standards and guidelines.



MariFlex DHP 50 Powerpack

MariFlex Hydraulic Powerpack is, self-contained, extremely compact and light weight built incorporating a protection / lifting frame built from high tensile seawater resistant aluminum and coated with two component paint color RAL no.1021 (cadmium yellow). MariFlex builds these units to customer specifications, but generally speaking they can be divided into two different types:

Electrical or diesel driven.

Characteristics of all our Hydraulic Powerpacks:

- All components enclosed within a protection/lifting frame
- The protection/lifting frame is made from high tensile, sea water resistant aluminum and is coated with a two component paint system
- A dashboard is incorporated in the protection/ lifting frame to check and control the:
 - Engine running hours
 - Engine / motor speed & temperature
 - Lubricating oil pressure
 - Hydraulic oil pressure & temperature.



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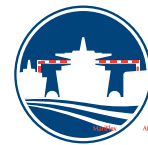
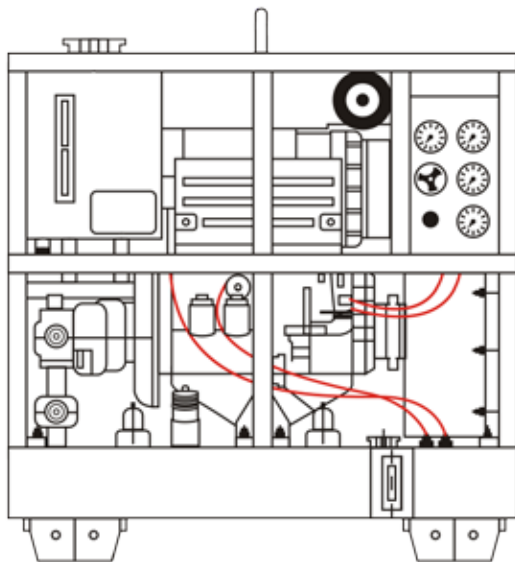
Specifications MariFlex DHP 50

DIESEL ENGINE

Engine make/type	: Deutz engine.
Type	: Turbo charged, water cooled.
Emission	: Stage III en Stage IV final.
Rating	: 31 Kw at 3000 rpm. DIN B 6270.
Starting system	: Spring or electric start
Indicators	: Engine speed, engine \ temperature and lub.oil pressure.
Air inlet	: Dry filter with dust cyclone and visual dirt indicator.
Exhaust	: Fully insulated, with PTB. approved sparking arrestor.
Fuel system	: One filter.
Fuel type	: High speed diesel, max. 9,26 ltr/hr. (2.44 Gl/hr).
Fuel tank	: 93 ltr. (25 Gallon) Basement tank, including filler/ breather cap, drain and gauge glass.

HYDRAULIC SYSTEM

Pump maker	: Rexroth (type A10V28).
Type	: Axial plunger, with variable settings or load sense.
Oil flow	: Max. 60 ltrs/min.
Pressure	: Max. 250 bar.
Oil type	: ISO 46.
Oil tank	: 30 ltr.
Indicators	: Hydraulic pressure and temperature.
Cooling	: Air cooled, controlled by thermostat.
Filter	: Full flow 10 micron, including magnet element and visual dirt indicator, bypass at 1 bar.
Connections	: High and low pressure valved snap-on couplings for connection of extension hoses (not interchangeable).
Dimension	: L 1150 x W 700 x H 1150 mm
Weight	: 450 Kgs. dry. (990 lbs).



MariFlex Group

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