

# MariFlex DHP 120 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 120

MariFlex Hydraulic Powerpacks are self-contained, extremely compact, light weight and built according to internationally recognized standards. 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.

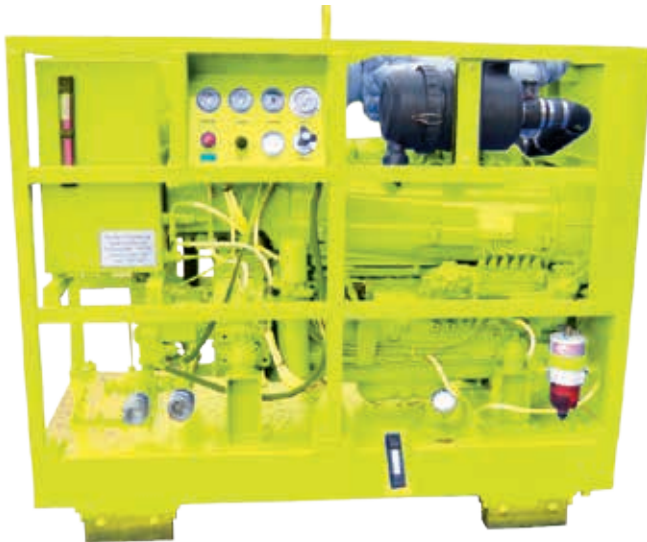


# MariFlex DHP 120 Hydraulic Powerpack

## Specifications MariFlex DHP 120

### DIESEL ENGINE

<b>Maker/Type</b>	: Deutz engine.
<b>Type</b>	: Turbo charged, water cooled.
<b>Emission</b>	: Stage III en Stage IV final.
<b>Rated power</b>	: 78 Kw at 2300 Rpm.
<b>Start system</b>	: Kineteco spring starter.
<b>Exhaust</b>	: Fully insulated, with PTB approved silencer/sparking arrestor.
<b>Fuel system</b>	: Double filters, including water separator.
<b>Fuel type</b>	: High speed diesel.
<b>Fuel consumption</b>	: Max 21,7 ltr/hr (5.7 Gal.)
<b>Fuel tank</b>	: 190 ltr (50 Gal.) basement tank, including filler/breather cap, drain and gauge glass.



### HYDRAULIC SYSTEM

<b>Pump type</b>	: Variable axial plunger.
<b>System</b>	: Open.
<b>Flow</b>	: 138 ltr/min. (36 Gal. at 2300 rpm).
<b>Pressure</b>	: 320 bar max. (4700 psi).
<b>Filter</b>	: Full flow (10 micron), including magnet and bypass at 0.7 bar.
<b>Type</b>	: ISO 46.
<b>Cooling</b>	: Air cooled, thermostat, controlled (integrated with diesel engine).

### INDICATORS / PROTECTIONS

- Hydraulic oil pressure/temperature
- Dirt indicator hydraulic oil filter
- Hydraulic pressure relief-valve
- Low level hydraulic oil tank (Amot)
- High temperature hydraulic oil (Amot)

**Dimensions (LxWxH)** : 170 x 75 x 150 cm  
5' 8" x 2' 6" x 5'

**Weight (dry)** : 860 Kg



## MariFlex Group

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