

# MariFlex DHP 300

Diesel Hydraulic Powerpack / Mobile Fire Fighting Equipment.

**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 or fire fighting equipment and other equipment, according to internationally recognised standards and guidelines.



## MariFlex DHP 300 Diesel Hydraulic Powerpack Mobile Fire Fighting Equipment.

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

Characteristics of all our Hydraulic Powerpacks:

- All components enclosed within a protection / lifting frame
- The protection / lifting frame is made from high tensile structural steel and is coated with a two component paint system
- A dashboard is incorporated in the protection / lifting frame to check and control the:
  - Speed and Fuel level indicator
  - Engine motor oil pressure
  - Engine water temp. indicator
  - Hydraulic oil temp. indicator
  - Hydraulic level indicator
  - Hydraulic pressure indicator.



**MariFlex**

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## Specifications MariFlex DHP 300

### DIESEL ENGINE

<b>Maker</b>	: Deutz TCD 6.1 L6 T 4 F.
<b>Type</b>	: Turbo charged, water cooled.
<b>Emission</b>	: Stage III or Stage IV final.
<b>Rating</b>	: 180 Kw at 2300 rpm. DIN B 6270. Emissions EU Stage IV / stage V ready.
<b>Start system</b>	: Electrical starter.
<b>Exhaust system</b>	: Silencer / spark arrestor Discom.
<b>Fuel system</b>	: Double filters, including water separator.
<b>Fuel consumption</b>	: 30 ltr / hr.
<b>Fuel tank capacity</b>	: 230 ltr.

### HYDRAULIC SYSTEM

<b>Type</b>	: Axial plunger, with variable setting.
<b>System</b>	: Open.
<b>Flow</b>	: 280 ltr / min.
<b>Pressure</b>	: 320 bar max.
<b>Oil type</b>	: ISO 46.
<b>Oil tank</b>	: 250 ltr. including filler/breather cap, drain and gauge glass.
<b>Cooling</b>	: Air cooled, thermostat controlled and intergraded with diesel engine.
<b>Filter</b>	: Full flow 10 micron, including magnet element and visual dirt indicator, by-pass at 1 bar.
<b>Indicators / Protections</b>	: Hydraulic oil pressure /temperature. Dirt indicator hydraulic oil filter. Hydraulic pressure relief valve. Low level hydraulic oil tank High temperature hydraulic oil.



### MSP-700 FLOATER

<b>Design</b>	: Single stage centrifugal
<b>Capacity</b>	: 3300 L/min - 80 mwc.
<b>Viscosity/Specific gravity</b>	: 1.0 Cst. at 20 degr. /1.0.
<b>Power consumption</b>	: 149 Kw
<b>Materials casing</b>	: Seawater resistance aluminum. Impeller; Composite.
<b>Hydraulic motor</b>	: Built in axial plunger 125cc.
<b>Hydraulic pressure</b>	: 320 max.
<b>Hydraulic oil flow</b>	: 300 L/min max.
<b>Discharge connection</b>	: Storz 6" N160
<b>Weight including floater</b>	: 125Kg.
<b>Dimension (LxWxH)</b>	: 4240 x 1060 x1820 mm
<b>Weight (dry)</b>	: 3100 Kg.



## MariFlex Group

Maassluisdijk 101 | 3133 KA Vlaardingen  
Harbour no.: 738 | The Netherlands  
Phone +31 10 - 434 44 45 | [info@mariflex.net](mailto:info@mariflex.net)  
[www.mariflex.net](http://www.mariflex.net)



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