

# MariFlex MHE 900 and 1100 Portable Thermal Oil Heat Exchangers

**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 Portable Thermal Oil Heat Exchangers

Are the solution when the ships tank heating system is malfunctioning. Certain cargoes may never be in contact with water and do need to be heated. In this case the heating will be done with thermal oil heaters to avoid this contact with water.

All units are skid built for easy handling during transport and at the operational side.

MariFlex can also deliver:

- Vertical heaters for lowering directly into the cargo
- Portable steam boilers



**MariFlex**

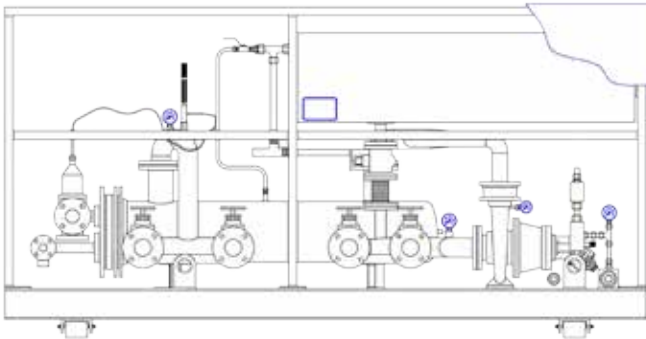
# MariFlex MHE 900 and 1100 Portable Thermal Oil Heat Exchangers

## Specifications MariFlex MHE-900

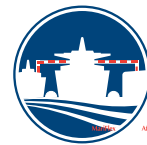
<b>Type</b>	: MHE-900-65-2-Hydr.
<b>Design</b>	: One stage Heat exchanger
<b>Capacity off heat exchanger</b>	: 900 kW.
<b>Thermal oil flow</b>	: 2 pumps x 70 M3/hr @ 60 Mlc.
<b>Steam consumption</b>	: 1568 kg/hr. @165 'Celsius max 8 bar.
<b>Volume off expansion tank</b>	: 500 ltr. (Approx)
<b>Overall demotions</b>	: L 2850 x W 850 x H 1400 mm
<b>Overall weight</b>	: approx. 1500 Kg.
<b>Circulating pumps Design</b>	: Single stage centrifugal
<b>Seal arrangement</b>	: Mech. Seals.
<b>Hydr. Motors</b>	: Rexroth A2FM-32
<b>Hydr consumption for 2 pumps</b>	: 190 Ltr/min @ 200 bar

## Specifications MariFlex MHE-1100

<b>Type</b>	: MHE-1100-65-2-Hydr.
<b>Design</b>	: One stage Heat exchanger
<b>Capacity off heat exchanger</b>	: 1100 kW.
<b>Thermal oil flow</b>	: 2 pumps x 70 M3/hr @ 60 Mlc.
<b>Steam consumption</b>	: 1918 kg/hr. @ 165 'Celsius max 8 bar.
<b>Volume off expansion tank</b>	: 650 ltr. (Approx)
<b>Overall demotions</b>	: L 3250 x W 850 x H1400 mm
<b>Overall weight</b>	: approx. 1750 Kg.
<b>Circulating pumps Design</b>	: Single stage centrifugal
<b>Seal arrangement</b>	: Mech. Seals.
<b>Hydr. Motors</b>	: Rexroth A2FM-32
<b>Hydr consumption for 2 pumps</b>	: 190 Ltr/min @ 200 bar



Both used Frame Material and Expansion tank (Aluminum) and lines (Stainless steel)



# MariFlex Group

Maassluisdijk 101 | 3133 KA Vlaardingen  
Harbour no.: 738 | The Netherlands  
Phone +31 10 - 434 44 45 | info@mariflex.net  
www.mariflex.net



# MariFlex