

MariFlex MVRU 1100

Mobile Vapour Recovery Unit

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.



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The VCRS MVRU - 1100 tackles the ever present challenge to the petrochemical industry, especially tanker operators and barge operators, to comply with 'green' incentives and reduce emissions. Especially trans-shipments between Sea-going vessels and Inland barges have been in the sights of Port authorities and Environmental agencies alike.

Sea going ships are inerted to less than 8% oxygen in their tanks. Barges are often not inerted, making them incompatible with inerted ships when vapour balancing. During transfers between ships and non-inerted barges the MVRU - 1100 serves to capture VOC's from the barge and control vapour emissions.



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Specifications MariFlex MVRU - 1100

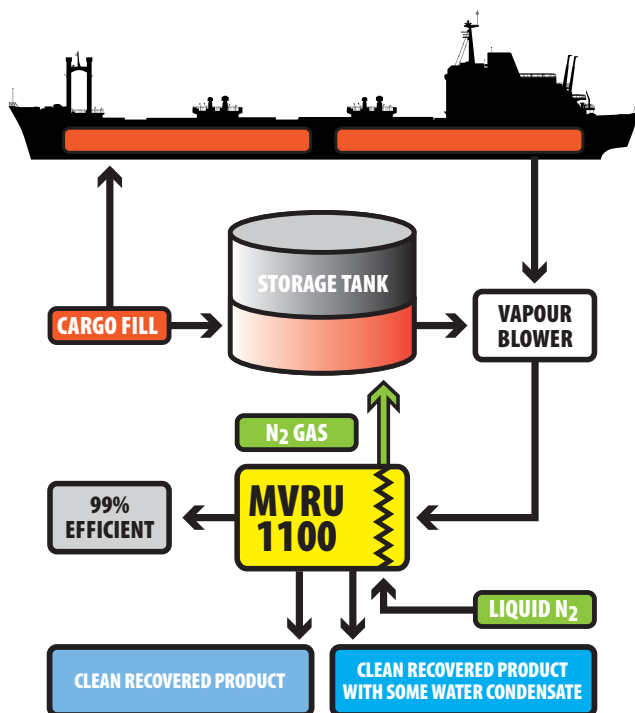
DIESEL ENGINE

Unit size (l x w x h)	: 6.060 mm x 2.440 mm x 2.590 mm
Unit weight (empty)	: 5.800 kg.
Working capacity	: Up to 1.100 m ³ / hour
Inlet working medium	: Liquid Nitrogen
Inlet working pressure	: 10 - 20 Bar
Inlet temperature	: -190°C.
Working temperature	: Between -190°C. And -117°C.
Liquid N ₂ consumption	: Approx. 1.000 liter per 1.100 m ³ vapour
Vapour range	: Hydrocarbon and Chemicals
Vapour excluded	: N/A
Total VOC reduction	: Up to 99,9%
Vapour inlet	: 8 inch (NW200) or 10 inch (NW250)
Safety certificates	: TEQ - USA
Safety equipment	: Standard
Noise	: < 72 dBA @ 1 meter

The MVRU - 1100 system handles up to 1100 Cu. M. per hour vapour, with a VOC removal efficiency of 99,9%. It is readily available from our warehouse in Rotterdam and can be transported by conventional means (it is the size and dimensions of a 20 feet TEU container). It can be prepared and mobilised in a matter of hours, making it an ideal partner for people planning trans-shipments in environmentally sensitive areas.

The MVRU - 1100 is typically accompanied by one of our specialized Supervisors to ensure safe and experienced operation of the unit. Additional associated equipment can also be hired from VCERS International.

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