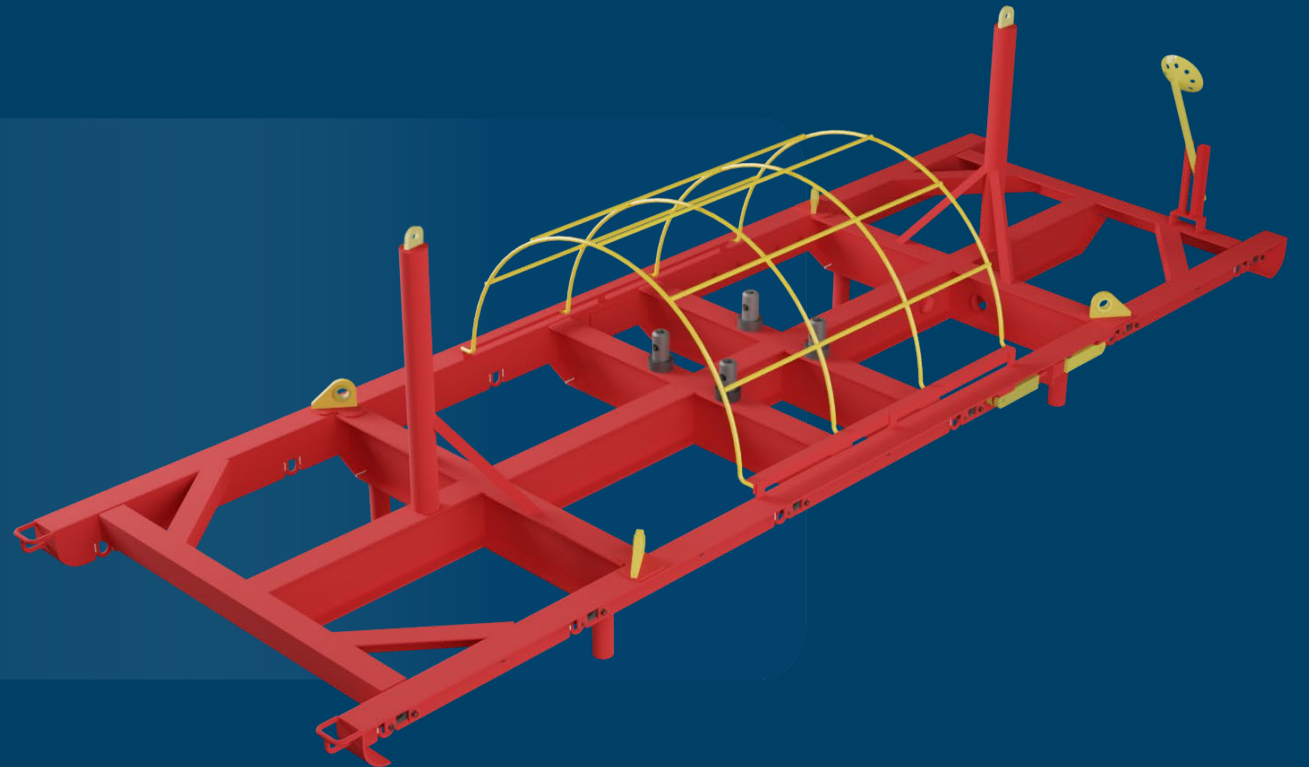


# AssoMat I

Mattress Installation Frame



# AssoMat I

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## Mattress Installation Frame

The AssoMat I is a system for fast and accurate installation of mattresses and similar products designed for provision of protection on cables, pipelines and crossings. It is ideal selection for crossings protection and cable/pipe free-span rectification, due to the increased accuracy that can provide.

There are two versions of AssoMat I, a simple one and an optional. The simple version consists of an installation frame, whereas the optional version has the alternative of installing additional equipment such as thrusters, sonars etc.

## Simple Version

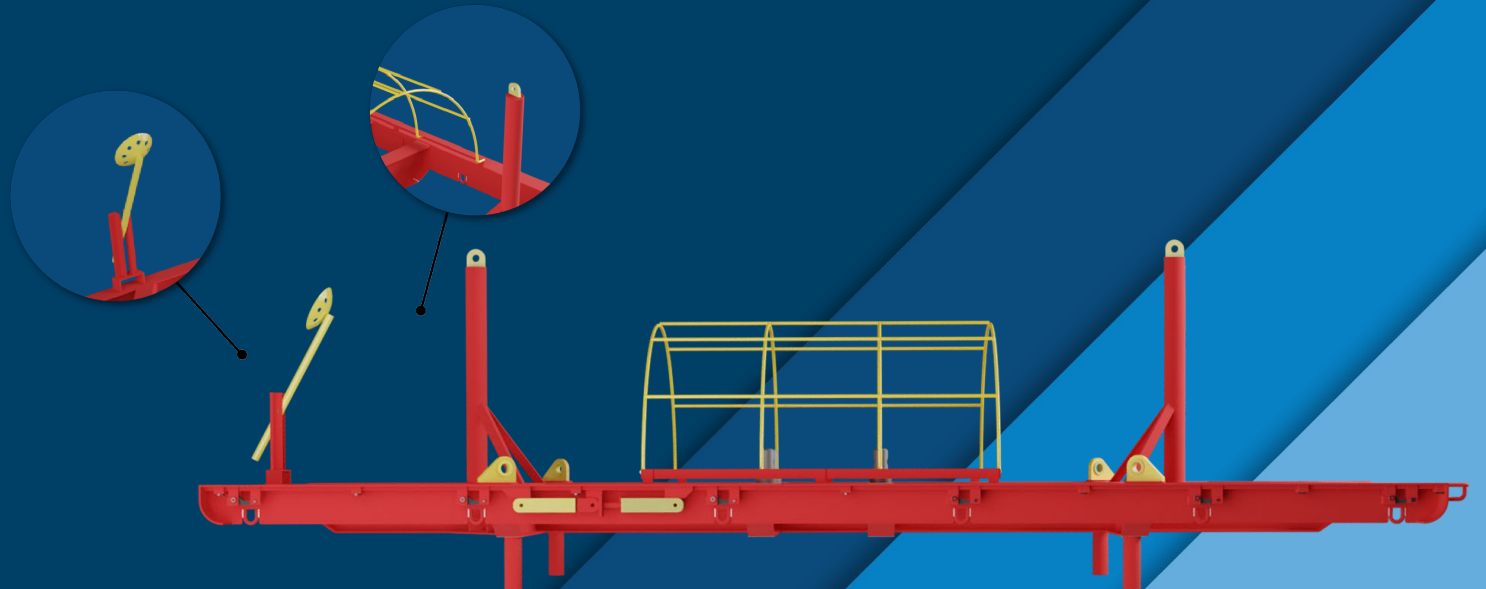
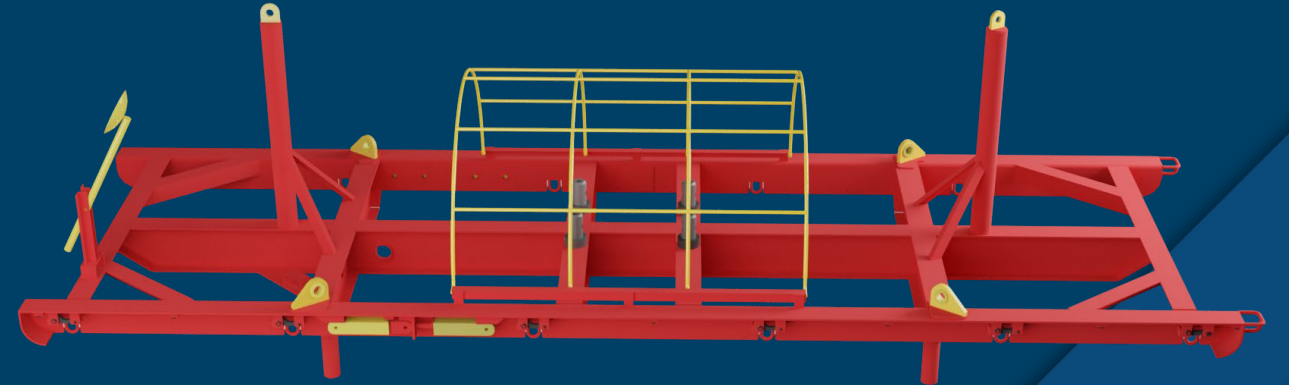
The AssoMat I, in simple version, consists of an installation frame with dimensions of 6.3 m X 2.1 m.

The installation frame is hanging from the vessel's crane by wires and carries a mattress secure and release mechanism.

The release mattress mechanism is activated with the use of an ROV, which pushes, an integrated-on frame, lever.

## Specifications

Length	6.3m
Width	2.1m
Height	1.8m
Weight	1520Kg
Max product weight	12000Kg
Max operation depth	3000m



## Optional Version

The AssoMat I gives also the ability, in terms of design and strength, to be equipped with various equipment.

More specifically the AssoMat I, in this version, is able to carry:

- Up to four thrusters for the controlled movement and the alignment of the frame over the cable.
- An electric/hydraulic power unit for the power transmission to the rest of equipment, for unhindered operation at high water depths.
- A tower with propeller, connected through pins with the frame, for hanging from A-frame by gimbal, during launch or recovery procedure.
- Umbilical for the provision of power supply or data communication from the deck, through suitable equipment.
- Instrumentation such as sonars, cameras and SSBL transponders for monitoring of the operation and positioning of the frame and the cable.
- AssoGrapple multitool, connected through pins with the frame. The control of the frame equipment (hydraulics, instrumentation) can be operated by the multitool.

## Optional Equipment

**Up to 4 thrusters**

**1 Hydraulic Power Unit**

**1 Tower with propeller**

**1 Umbilical**

**Venom 3k-200 ROV**

**Up to 8 low light cameras**

**Up to 4 pan/tilt**

**Up to 12 LED lights fully dimmable**

**Up to 4 sonars (both imaging & profiling)**

**1 x altimeter**

**1 x gyro compass**

**Up to 2 SSBL transponders**

## Membership - Accreditations



## Disclaimer

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Specifications are subject to change without any prior notification.

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