TENSA SLAM DECK

The TENSA **SLAM DECK** is used on offshore supply vessels or barges to reduce the impact force on the vessel deck during loading and unloading operations in harsh environments.

The **SLAM DECK** is designed to absorb the kinetic energy of a 10t load dropping at a maximum speed of 1.5 m/sec. This is equivalent to the minimum required speed for the drop test specified in DnV Standard For Certification No. 2.7.1 - Offshore Containers. It is also significantly faster than typical crane auxiliary line speeds.

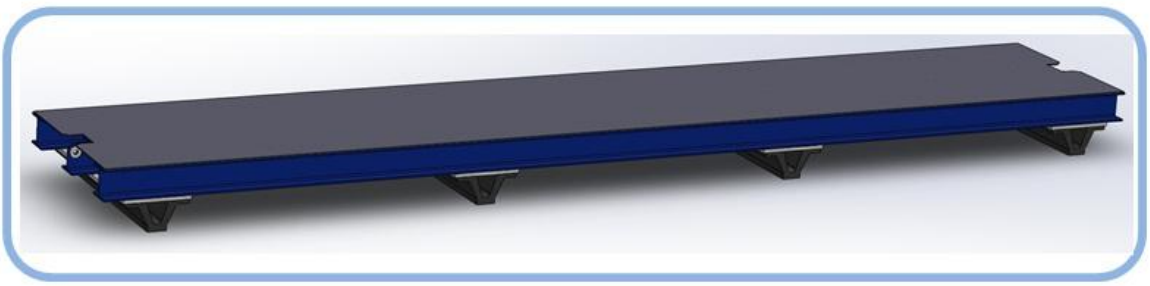
The SLAM DECK utilizes a rubber shock absorbing mechanism under a steel framework. Even in cases of gross overload, the vessel deck will be protected by the energy absorption of the rubber and steel SLAM DECK structure. The slam deck is designed for vessels with a 5 t/m^2 deck strength. The SLAM DECK is made in panels which can be individually repaired or replaced.

The size of the deck area can be chosen to suit the size of or amount of cargo that needs to be landed or supported. The SLAM DECK is normally transported in a standard 20ft open top sea container. Each container can carry a maximum of 12 panels 5.8m x 1.1m equivalent to a covered area of 76.6 m^2. This provides an area of 17.4m x 2.2m needed for long tool baskets or 11.6m x 3.3m suitable for landing 20ft containers.

The deck panels have attachment points that allow them to be secured to the vessel with chains. The attachment points also allow containers to be secured to the SLAM DECK. The deck surface is checker plate with a non skid finish.

SPECIFICATIONS:

SWL for each panel :	**10 tonnes** [22050 lbs]
Overall dimension per panel:	**5800mm (L) x 1100 mm (W) x 340mm (H)** [19.0ft (L) x 3.61ft (W) x 1.12ft (H)]
Overall weight per panel:	**approx. 1200 kgs** [2646 lbs]
Design load impact velocity:	**1.5m/sec** [4.92 ft/sec]
Minimum vessel deck capacity:	**5 tonnes/m^2** [1025 lbs/ft^2]



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