

## MAST25

- 🇬🇧 Stretcher support for nautical use with vertical and lateral shock absorption and adjustable inclination

**PATENTED**



# MARINE

# MAST25

Shock absorbing stretcher-support for nautical use, with self-adjusting hydro pneumatic suspension based on the patient's weight.

Particularly recommended for high speed boats, it can absorb the shocks of the impact with the waves with values up to 10 g with a suspension stroke of 500 mm.

MAST 25 is the first device able to absorb not only the vertical shock but also the side shock due to the rolling transmitted to the patient, during navigation at high speed on rough sea.

MAST 25 is the latest STEM achievement in the healthcare transport field, as a result of the long experience of STEM Marine department in the nautical sector and in the anti-vibration systems on ambulance vehicles.

The system is equipped with a hydraulic power unit, which adjusts the suspension according to the actual weight of the patient.

The installation only requires an adequate structural fixing on the floor and a 12 or 24 V DC electrical connection

MAST 25 support has fixings points for medical equipment, such as defibrillator, lung ventilator, infusion pump, IV pole, etc., so these devices are protected from shocks, too.

MAST 25 allows the loading of both road and basket stretchers.

MAST 25 can be used as sitting bench with back rest for passengers.

You can lock the suspension in order to make cardiac massage.

MAST 25 features the possibility to adjust the stretcher tray height and to change the inclination of the stretcher of +/- 15° in suspension or rigid mode.

## Technical specifications

Min. weight to be absorbed	0 kg
Max weight to be absorbed	300 kg
Min height	Min. 420 mm
Max height	Max 920 mm
Power supply	12V DC 24V DC
Adjustable inclination	+/-15°
Max absorption during the loading (20 sec. max)	60 A
Absorption during the transport	2 A
Weight	150 kg

\* Variable data depending on configuration



This data are approximate and not binding for the manufacturer; therefore, they are subject to changes without notice.



ISO EN 9001  
Certified Company



STEM s.r.l. - Strada Ghiaie, 12/D - 43014 Medesano (PR) - Italia  
Ph. +39 0525 430102 • Fax +39 0525 421341 • info@stem.it