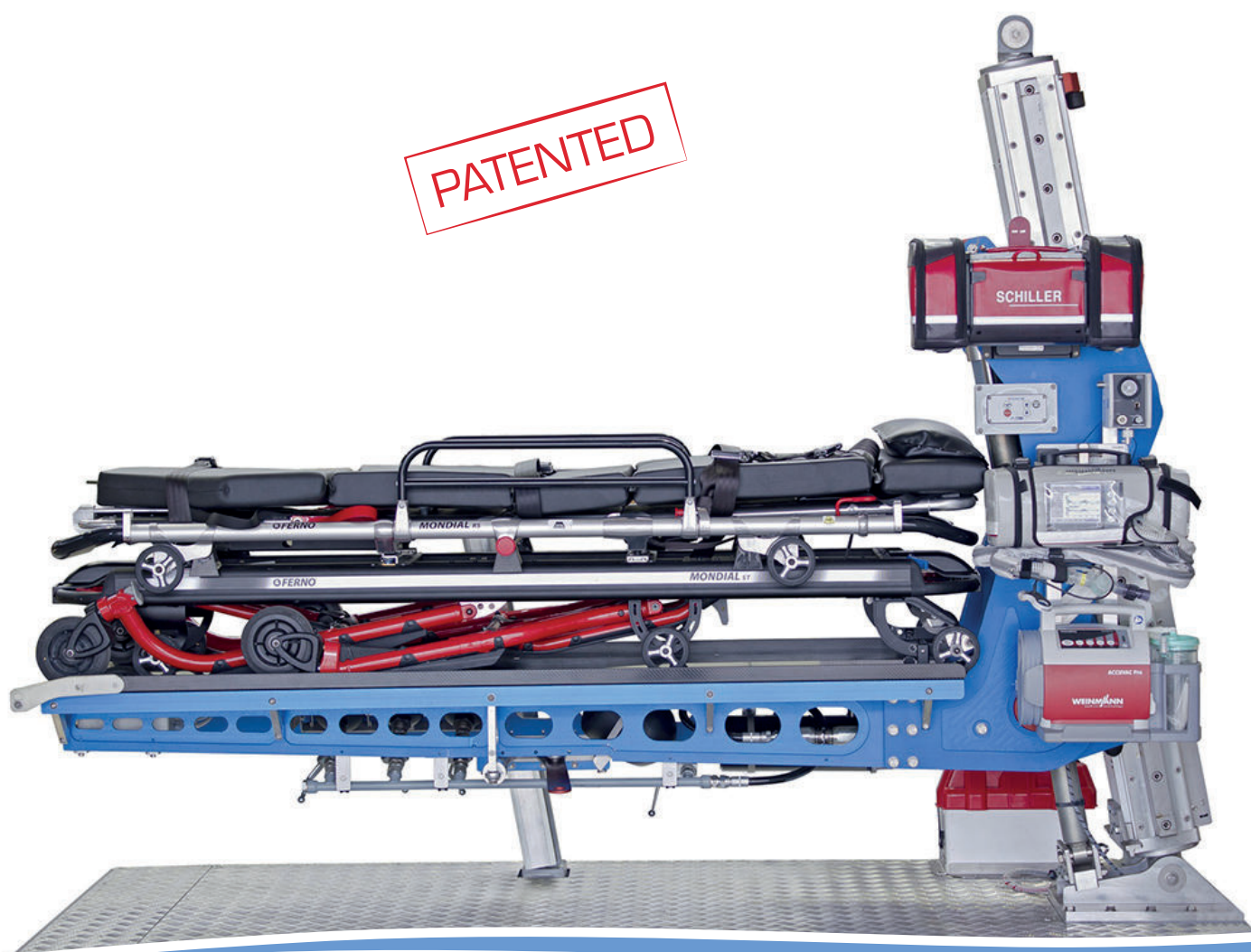


MAST15

Marine stretcher platform

**Shock-absorbing stretcher support for nautical use with
self-adjusting hydro pneumatic suspension**

PATENTED



Shock-absorbing stretchers 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 shocks due to the impact with the waves with values up to 10 g.

MAST15 is the latest STEM achievement concerning the healthcare transport sector, as result of the long experience of STEM marine department in the nautical sector. The system is equipped with a hydraulic power unit, which adjusts the suspension according to the actual load to be damped.

The installation only requires an adequate structural fixing and a 12 V DC electrical connection.

MAST15 support has fixing points for medical equipment, such as defibrillator, lung ventilator, infusion pump, IV pole, etc., so these devices are protected from shocks too.

MAST15 allows the loading of both road and basket stretchers.

The shock-absorbing system can be excluded locking the support in order to make cardiac massage and also during the stretcher loading with the possibility to adjust the stretcher tray height.

MAST15 has a diagonal rotation compared to the longitudinal axis of the boat, which allows you to install the support on both sides of the cabin and to load the stretcher by entering the rear door.

Technical specification

Min. weight to be absorbed	10 kg
Max weight to be absorbed	400 kg
Adjustable height of the stretcher support tray during "rigid mode"	Min. 320 mm Max 920 mm
Power supply	12V DC (24V upon request)
Max absorption during the loading (20 sec max)	60 A
Absorption during the transport	2 A
Weight	250 kg

Horizontal rotation
and vertical translation

