

No compromise evolution

- Passive suspension system SCS (Spencer Compliance Suspension) for an improved ability to move when loaded.
- Arch shape geometry of the legs to adjust the damping force on the road surface.
- Crash Assist to further enhance absorption areas.
- The low centre of gravity increases stability on all types of terrain.
- Self effect to allow the operator to load the stretcher with a single thrust and avoiding a lifting action.
- Selection of high grade raw materials and flawless mechanics to improve manoeuvrability and silent functioning.



Length	1970 mm
Width	570 mm
Weight	45 kg
Load capacity	250 kg
Wheels	Ø 200 mm
Height of the loading carriage wheel	65 / 75 cm
Frame material	Stainless steel
Reclining sidebar	680 mm
Height sidebar	200 mm

COMPLIANCE LAWS
EN 1865-1
UNI EN 1789
if used with the dedicated fastener

QMX 777  
Anatomic mattress, adjustable and watertight

Research has concentrated on new and more innovative plastic and expansive materials, designed to be used in extreme conditions and subjected to intensive use while always guaranteeing high standards. The structural parts are made with materials already experimented in other fields and the complete **HFW technique** gives the mattress characteristics of absolute impermeability.



DNA STRAP  
Belt with integrated re-winding system

This is the best way to always have at hand the patient restraints and to automatically store them without having to worry about any obstruction during transfer. Thanks to tension and to a simple kinetic mechanism the **belt is easily extracted for use**.

10 G SHARP  
SENSOR LOCK

Electro-mechanical fastening system for Cinco Mas



- The linearity of the structure avoids unnecessary bulk when the stretcher is not loaded on the ambulance

- Semiautomatic release of the stretcher

- The device acts simultaneously both on frontal and rear part of the stretcher and, thanks to the integral structure, allows a simple installation without alignment difficulties between the frontal and rear part of the fastener

- Equipped with advanced maintenance control systems

- Increased safety for operators and patients thanks to information signals to show if the stretcher is fastened/not fastened/not properly fastened

- The weight is minimized thanks to researches of advanced materials and in-depth studies about constructive geometries

COMPLIANT WITH
EN 1789

CND CLASSIFICATION
V9099

Sensor Lock is the innovative fixing system for stretchers that allows safe anchorage in vehicles while minimizing clutter space.

The elettro-meccanical Sensor Lock integrates an unlocking system that interfaces with the Sharp Sensor Lock stretcher system **which allows unlocking without needing to act on the fixing system**. Thanks to a single body structure, the device is installed with no difficulty in alignment between the front and rear and acts simultaneously on both front and back of the stretcher increasing the safety of the coupling.

Sensor Lock comes with these unique features in the world

00123

A digital meter to register stretcher loading and unloading cycles.



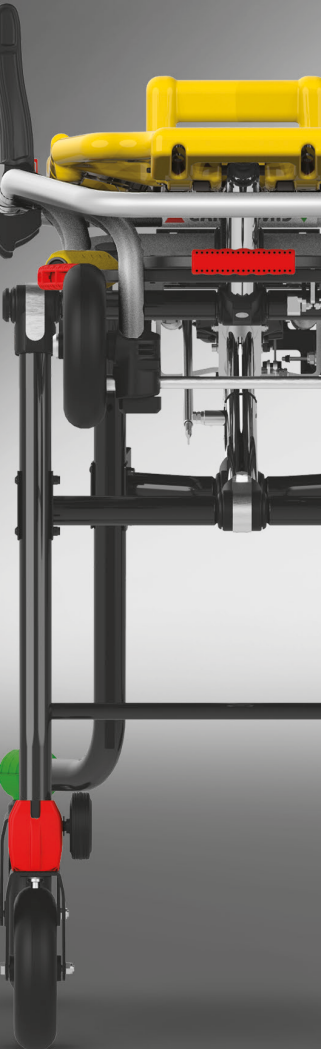
An acoustic signal that confirms the blocking and unblocking of the stretcher with indicators that monitor the status of the coupling between stretcher and fixing system.



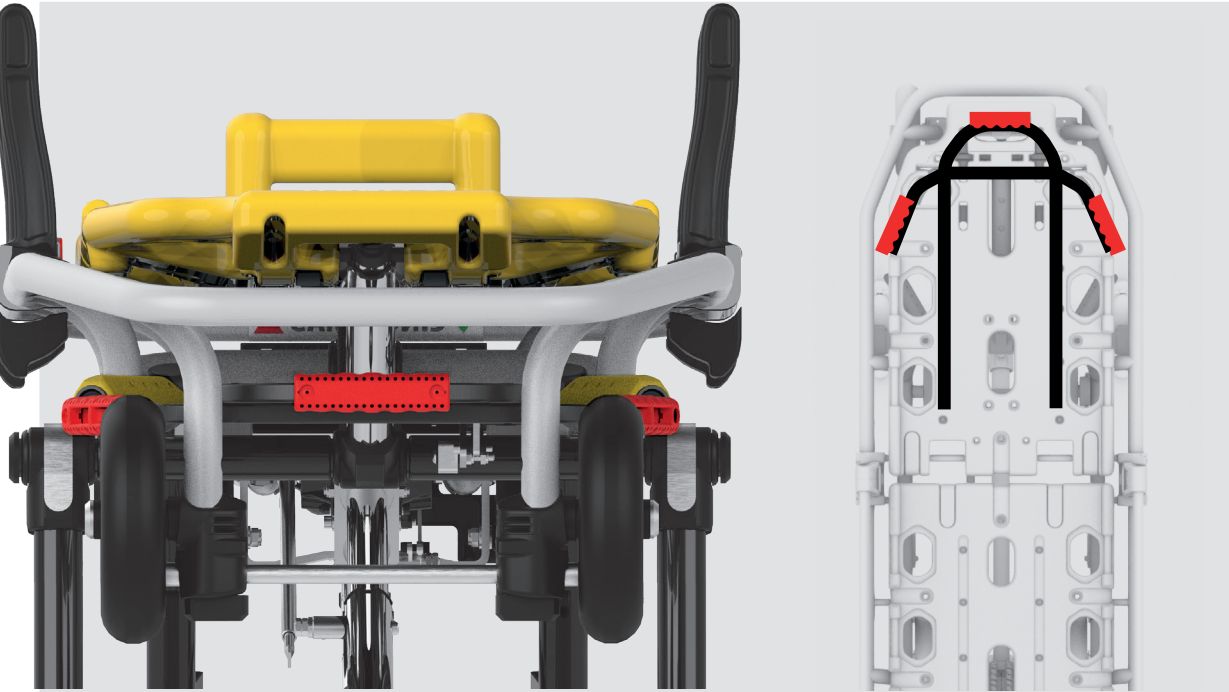
The value of a choice is measured in the future.

Cinco Mas  
Introducing the ultimate expression of Spencer's efficiency, design and innovation.

spencer.it



# THE BEST EVOLUTION OF THE AMBULANCE STRETCHER



## Easy

The operator at the head end needs **just one hand to adjust the stretcher** and support the patient's weight at the same time. The operator can instinctively access the handle from multiple positions (front and side), making the movement easier even in confined spaces.

## Optimized

The effort needed to vary the height of the stretcher follows the same direction as the energy required to support the patient, making it an extremely **natural and safe gesture**.

# A POWERFUL MEANING TAKES SHAPE

**Safe Bars**, instantaneous drop-down safety rails with double-hand safety system for accidental operation.

Seamless hollow propylene frame with uniform thickness and without interruption of continuity.  
**Easy to be sanitized.**

**Gas spring** to increase control on stretcher operation while decreasing maintenance costs.

**Rear self-positioning wheels** with brakes.



Equipped with **DNA straps** characterized by retractable belts with integrated re-winding system.

Space-saving frame to minimize clutter without losing functionality.

Side handles activated the **Twist System** which, when operated, makes pivoting also the front wheels.

Swivelling anterior wheels for **improved manoeuvrability**.

# MAIN FEATURES

## Intelligent Assisted Lowering

The wide variable heights release **red handle** is integrated with an innovative assisted lowering system, designed to guide safely the descent of the stretcher. The system is proportionally calibrated to guarantee a constant lowering independently from the weight supported. The patient benefits from greater comfort while the operator can move with greater security and ease.

## Rear Self-Positioning wheels

During the loading phase, the rear wheels of traditional stretchers tend to position themselves vertically, generating an annoying impact. In addition, when the vehicle is moving, traditional wheels tend to flutter freely. Spencer solves both problems thanks to a patented **dynamic self-positioning wheels** that retracts and maintains the wheels in a horizontal resting position when they are raised from the ground.

**5**  
HEIGHT  
POSITIONS

**10G**  
CERTIFIED WITH  
DEDICATED FASTENER



## Twist System

Twist was created to fill a gap in the category of self loading stretchers; that of a scarce manoeuvrability due to the use of only two pivoting wheels. When an **increased manoeuvrability** of the stretcher is required, the activation of a lever will enable the fixed front wheels of the trolley to rotate freely and by simply letting go of the lever, return the wheels to their natural state.