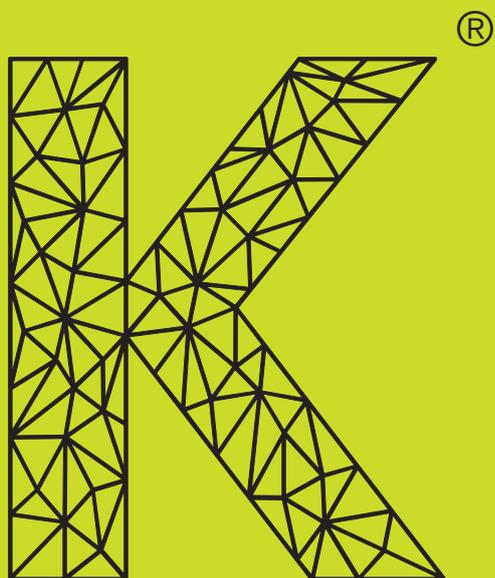


**KARTSANA**

**Life-moving innovation**

**GENERAL CATALOGUE**

Design and manufacture of emergency service equipment



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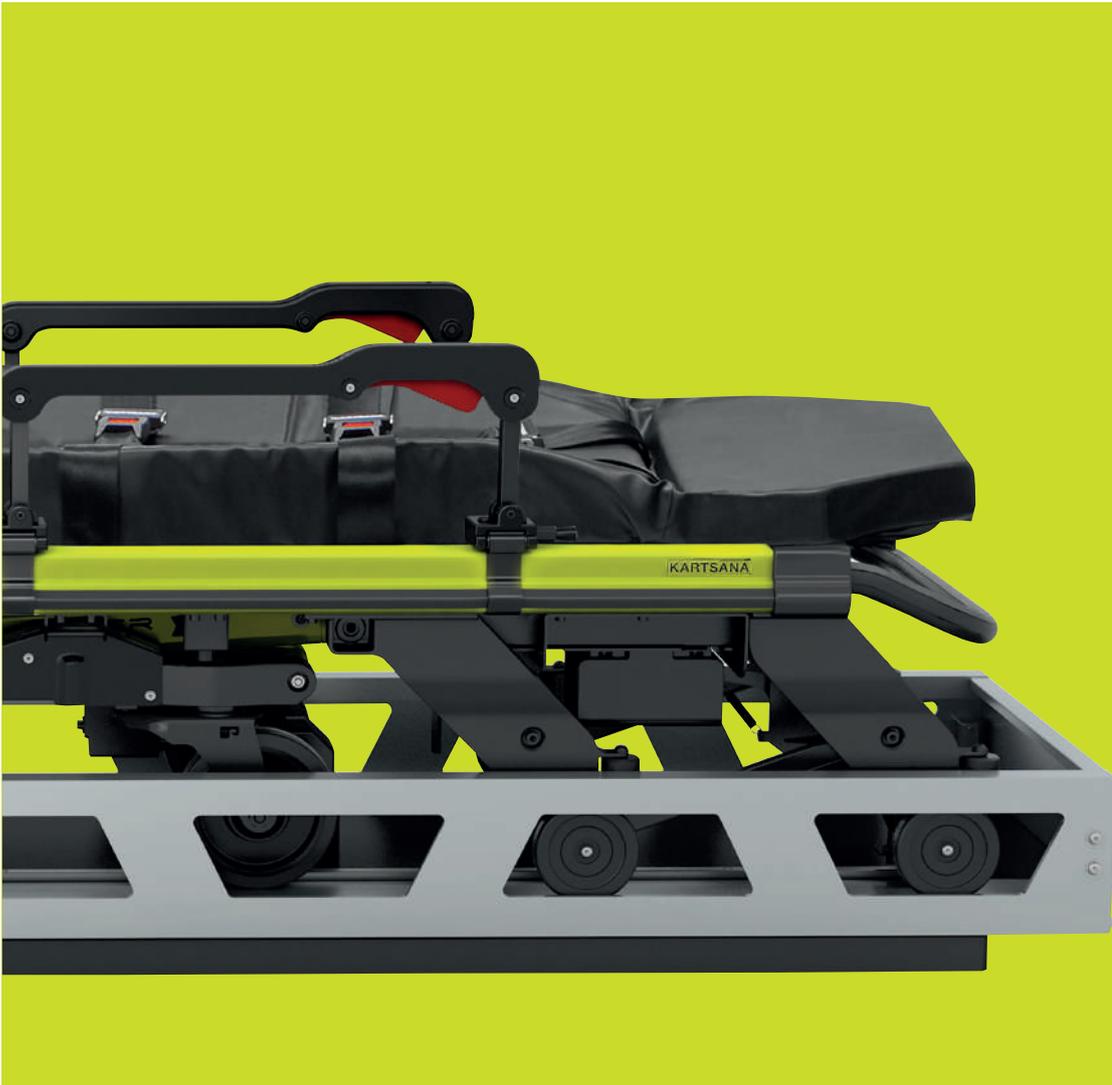


We are a company devoted to designing, manufacturing, and distributing equipment for emergency transport and healthcare services.

Our products stand out for their reliability, their maneuverability and their careful and solid design which guarantees the security of both professionals and patients.

From our factory in Barcelona, we operate in more than 28 countries, fully adapting to the circumstances and regulations of each market.

# KARTSANA



## 5 values for going further



### **INNOVATION AND DESIGN**

Every detail is carefully designed to create products with a solid yet manageable structure.



### **EUROPEAN QUALITY**

We guarantee the quality and reliability of our products by creating and manufacturing them in Europe.



**A history of effort, improvement and evolution**

Modesto Luengo founded KARTSANA in 1986. Working in an ambulance and seeing first-hand the needs of both paramedics and patients, experiencing the hands-on nature of the work, the difficulty of handling transport equipment and a desire to improve the way things were all drove his founder to set up his own business. Ever since then, his goal has been to create unique products which meet the real needs of paramedics and patients.

Every stretcher and bed created by KARTSANA is a reflection of the founder's attitude, which he has passed on to his entire team: real experience, obsession over design and non-conformism in order to keep improving each day.



**ABILITY TO ADAPT**

We operate in more than 28 countries and adapt to each one's individual needs and regulations.



**PRACTICALITY**

Solutions that make work easier for professionals without compromising the patient's well-being.



**RENEWED EXPERIENCE**

Committed to our clients, we strive to improve day in and day out.

# Equipment designed for practicality above all else



## R&D AND OPTIMAL DESIGN

The capacity to research and develop new features helps us offer innovative solutions for even the most demanding needs.

## RELIABILITY AND SAFETY

Stretchers designed with a solid, strong and resistant structure to provide maximum safety to both paramedics and patients.

## EASE OF USE

Equipment with exceptional maneuverability, facilitating healthcare professionals' movement with minimal effort. Light and ergonomic.



## People who transport people

Emergency healthcare transportation carries with it a huge responsibility. It is performed by people working with and for other people, often in difficult and highly stressful situations.

KARTSANA's transport equipment is designed to help professionals and make their job easier while respecting the patient's comfort.

We draw since 1986 to innovate and seek an optimal structural design which allows us to offer a wide range of stretchers and chairs that are reliable, easy to handle and safe, with an unbeatable price-quality ratio.

## Made in Europe

KARTSANA offices and factory are located in Barcelona, Spain. It counts with 3.500 m<sup>2</sup>. The production area is distributed in three large blocks: final assembly, warehouse, and workshops.

The offices allow teamwork and multi-departmental work divided into 4 large areas: Back and Front Office, R&D, Operations and Human Resources, generating an ideal working environment for collaboration and efficiency.

An important value for KARTSANA is in-house manufacturing and the commitment to new technology in its processes with a desire to internalize as many production processes as possible in order to have control in the core of production.



**KARTSANA · STRETCHERS  
DESIGNED AND PRODUCED  
IN EUROPE**





# ELECTRICAL

## ELECTRICAL EQUIPMENT

<b>01</b> · SUPERBRAVA SERIES	8
<b>02</b> · SILVER+ SERIES	14
<b>03</b> · CHEROKEE SERIES	20

# SUPERBRAVA SERIES

# SUPER

## Maximum strength, safety and maneuverability

SUPERBRAVA electric stretcher offers excellence, safety and efficiency in every critical situation when transporting a patient in an ambulance.



### 01

#### Maximum load capacity

Hydraulic lifting system allows 320 kg to be lifted without assistance.



### 02

#### Multi-purpose handrails

Adjustable handrails with 6 positions and ability to accommodate bariatric patients.



### 03

#### Road safety

Enhance safety in transportation with UTAC 20G Certification.



### 04

#### Automatic headrest

Electronically articulated by means of keypad in the head area.



### 05

#### Manual failure control

Manual engine release by means of an engine clutch system.



### 06

#### Practical control panel

Control panel with touch buttons and second keypad to facilitate the work of the TES.



# BRAVA



# SUPERBRAVO

## The range of rails for the SUPERBRAVA stretcher

SUPERBRAVO: The key anchorage of the SUPERBRAVA, for effortless and safe loading and unloading of the stretcher.

### Product Certificates

All KARTSANA stretchers and rails comply with EN 1865 and EN 1789.

CERTIFIED  
**20G**

## 07

### Robust structure

Can support more than 400kg without deformation.



## 08

### Maximum load resistance

Telescopic sides with 1930 mm of stroke.



## 09

### Integrated battery charging system

Automatic charging in the ambulance.



## 10

### Optimization of ambulance space

Robust and adjustment-free lateral displacement system.



## 11

### Increased road safety

Increased road safety UTAC 20G certification.



## TG-2022 SUPERBRAVA

- ▷ Hydraulic lifting system allowing 320 kg to be lifted without assistance.
- ▷ Adjustable handrails with 6 positions and ability to accommodate bariatric patients.
- ▷ UTAC 20G certified.
- ▷ Electronically articulated head by means of keypad.
- ▷ Manual motor release by means of a motor clutch system in case of failure.
- ▷ Control panel with tactile buttons and second button panel to facilitate the work of the TES.
- ▷ Wide base for better support and stability.
- ▷ Protective bumpers for LEDs and grips.
- ▷ Single battery with extra capacity for 100 cycles tested at 100Kg.
- ▷ Telescopic head profile for maneuvering in tight spaces.
- ▷ Emergency lights for added safety.



Aluminium

320 Kg unassisted



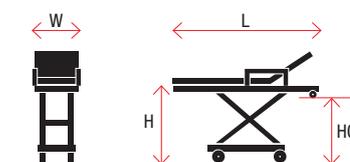
## TG-2022 IN SUPERBRAVA

- ▷ Safety and care while transporting the most delicate.
- ▷ Stretcher compatible with incubators for paediatric services.



### DIMENSIONS AND WEIGHT

	TG-2022	TG-2022 IN
<b>H</b> Max. height (mm)	1220	1220
<b>HC</b> Max. adjustable height (mm)	1090	1090
<b>H2</b> Min. height (mm)	490	490
<b>L</b> Length (mm)	2095	2095
<b>L2</b> Length closed (mm)	1733	1733
<b>L3</b> 3 Length open (mm)	2223	2223
<b>W</b> Width (mm)	590	590
Load capacity (kg)	320	320
Weight (kg)	78	69



## R-2022 SUPERBRAVO

The key anchorage of the SUPERBRAVO stretcher, to facilitate loading and unloading of the stretcher effortlessly and with maximum safety.

- ▷ Robust structure, can support more than 400kg without deformation.
- ▷ Maximum loading strength, telescopic sides with 1930mm of travel.
- ▷ Integrated battery charging system, with automatic charging on the ambulance.
- ▷ Increased safety on the road, UTAC 20G certified.
- ▷ Optimization of ambulance space with a robust, adjustment-free lateral displacement system.
- ▷ Increased ambulance protection through an integrated telescopic system with more travel to facilitate loading into ambulances and safeguard the bumper.
- ▷ Mechanical rail to allow loading and unloading on unstable ground.
- ▷ Mechanism to lift the stretcher anchored inside the stretcher and facilitate the medical task (intubation, CPR).



Aluminium and stainless steel



Lateral displacement



400 Kg unassisted

CERTIFIED  
20G



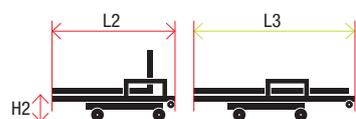
## R-2022H SUPERBRAVO FOR HOVERBOARD

- ▷ SUPERBRAVO loading system.
- ▷ Optimization of ambulance space can be done with the hoverboard.



### DIMENSIONS AND WEIGHT

	R-2022	R-2022H*
<b>H</b> H Max. height (mm)	372	315
<b>L</b> Length (mm)	2150	2150
<b>L2</b> Length closed (mm)	3326	3326
<b>W</b> Width (mm)	670	676
Weight (kg)	143	143



\* without including hoverboard

# ACCESSORIES

# FOR SUPERBRAVA SERIES

An essential complement to any emergency equipment

C-094 **Bariatric Kit SUPERBRAVA**



C-098 **Extendable headrest**



C-095 **Oxygen bottle holder**



C-093 **Instrument tray**



C-040 **Corpus fixation**



C-097 **Instrument table**



C-092 **Pushing poles**



C-091 **Accessories bag**



P-105 **Pediatric mattress**



07-0110 **Battery**



07-0112 **Battery charger**



C-090 **IV Pole**



P-107 **Heated mattress**

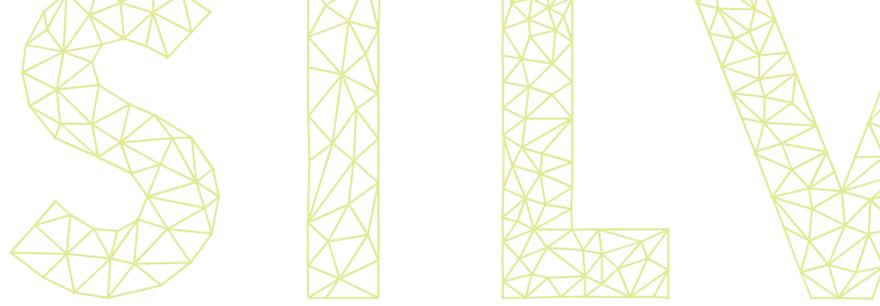




## INNOVATION AND DESIGN

Every detail is carefully designed to create products with a solid yet manageable structure.

# SILVER+ SERIES



## Effortless transport, safety on every move

SILVER+ TG-1200 Electric Stretcher redefines the standard in non-emergency patient transport, providing comfortable and safe transport for those with reduced mobility.

### TG-1200



Aluminium



Electric



250 Kg unassisted



CERTIFIED  
10G



### 01

#### Load capacity 250 kg

SILVER+ guarantees maximum load capacity.



### 02

#### Manual release ensures reliable operation

Peace of mind in the event of motor failure.



### 03

#### Battery optimization

Single battery with extra capacity.



### 04

#### Specially designed

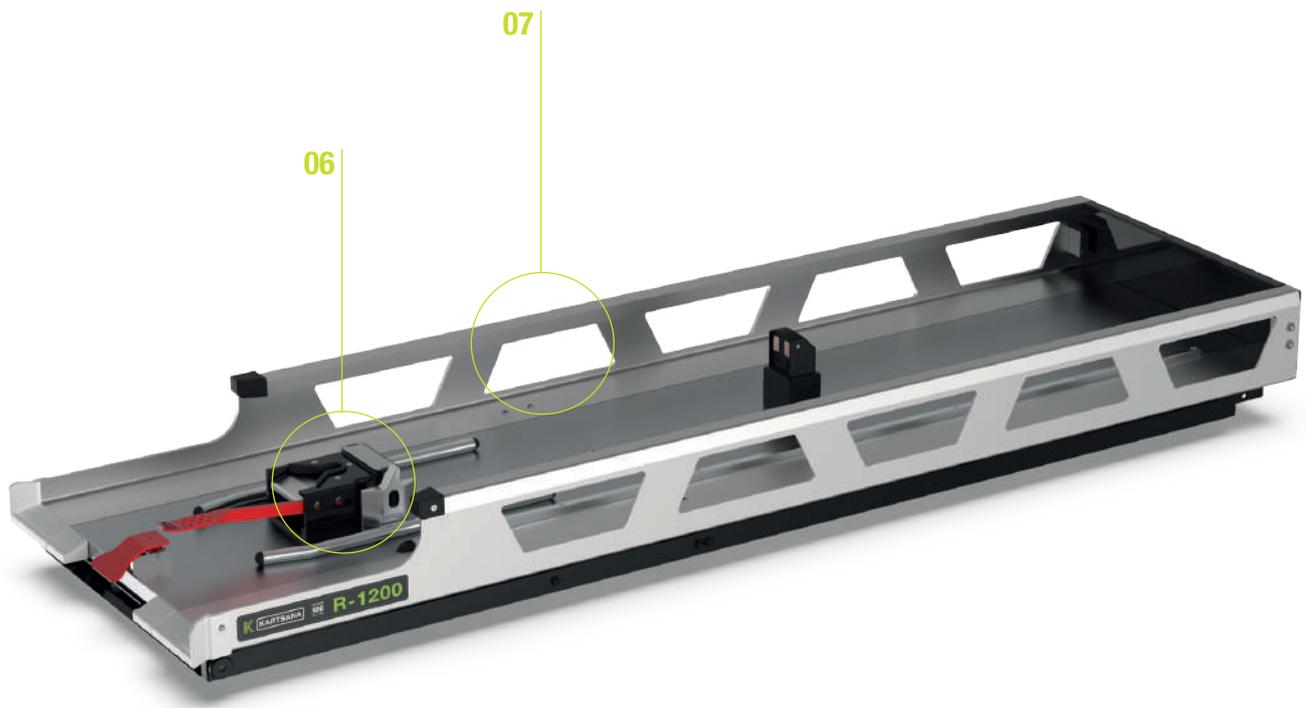
For inter-hospital transport and treatment of patients with mobility difficulties.



### 05

The rail is moved to the outside of the ambulance for easy loading of the stretcher in a horizontal position.





## R-1200 The rail for the SILVER+ Stretcher

### Product Certificates

All KARTSANA products comply with EN 1865 and EN 1789.

CERTIFIED  
**10G**

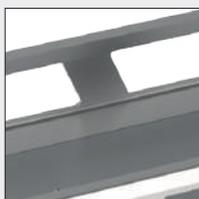
## 06

Third anchorage point on the rail, providing greater safety during ambulance transport.



## 07

Lighter rail design improves maneuverability during loading, optimizing the work of medical staff.



# TG-1200 SILVER+

- ▷ Specially designed for inter-hospital transport and treatment of patients with mobility difficulties.
- ▷ Shock absorbers in the head and leg area for maximum patient comfort.
- ▷ Equipped with 4 robust pivoting and lockable wheels, allowing smooth mobility, and turning in any direction.
- ▷ Redesign of the function keyboard to offer a practical and safe control of the stretcher.
- ▷ Incorporates a foot pedal release for maximum control by the Healthcare Technician.
- ▷ Folding handrails to simplify efficient patient transfer.



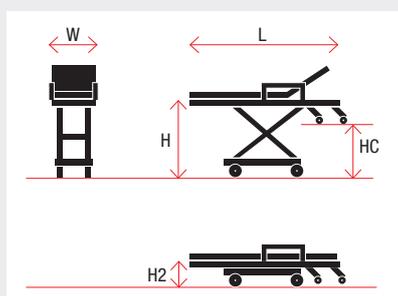
CERTIFIED  
**10G**



## DIMENSIONS AND WEIGHT

### TG-1200

<b>H</b>	Maximum height (mm)	1135
<b>HC</b>	Max. adjustable height (mm)	786
<b>H2</b>	Minimum height (mm)	350
<b>L</b>	Length (mm)	1955
<b>W</b>	Width (mm)	566
	Load capacity (Kg)	250
	Weight (kg)	73



# R-1200

- ▷ Extends out of the rear of the ambulance to load the stretcher.
- ▷ Manual operation on two guide tracks.
- ▷ Rail mainly made from aluminum and steel.
- ▷ 3 solid anchoring points to the stretcher.



Aluminium  
and stainless  
steel

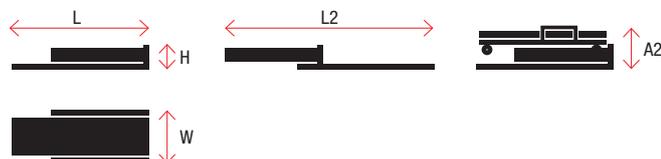
CERTIFIED  
**10G**



## DIMENSIONS AND WEIGHT

### R-1200

<b>H</b>	Height (mm)	208
<b>L</b>	Length closed (mm)	1996
<b>L2</b>	Length open (mm)	2090
<b>W</b>	Width (mm)	606
<b>A2</b>	Height rail + stretcher (mm)	510
	Weight (kg)	68



# ACCESSORIES

# FOR SILVER+ SERIES

An essential complement to any emergency equipment

C-014 Collapsible headrest extension



C-006 Fixed headrest extension



C-007 Wing cushion



C-101 Instrument table



07-0112 Battery charger



07-0110 Replacement battery



C-003 Oxygen bottle holder



C-040 Corpuls fixation



C-090 IV Pole



**A!** Detailed information on pages 52-55.



## EUROPEAN QUALITY

We guarantee the quality and reliability of our products by creating and manufacturing them in Europe.



# CHEROKEE SERIES

# CHEROKEE

## The electric stretcher for the English-speaking world



### 01

#### 300 kg unassisted

Stretcher with a hydraulic elevation system which can lift loads of up to 300 kg unassisted.



### 02

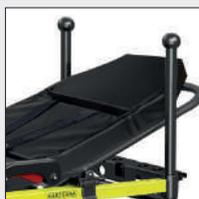
#### Control panel

New and improved control panel, now more intuitive, autonomous and functional.



### 03

#### Drive handles



#### Product certification

All KARTSANA products comply with the EN 1865 and 1789 standards.



# ROKKEE

## TG-1000UK

- ▷ Adjustable headrest with shock absorber.
- ▷ Double-jointed leg rest with 2 shock absorbers.
- ▷ 4 Ø160 mm rotating wheels (2 lockable wheels + 2 with brakes).
- ▷ Guardrails that collapse longitudinally and fold outwards.
- ▷ Folding IV pole.
- ▷ Three-point safety belt kit.
- ▷ Manual operation system.



### Fixed anchor

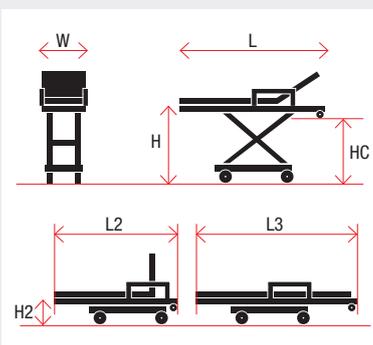


### Mobile anchor



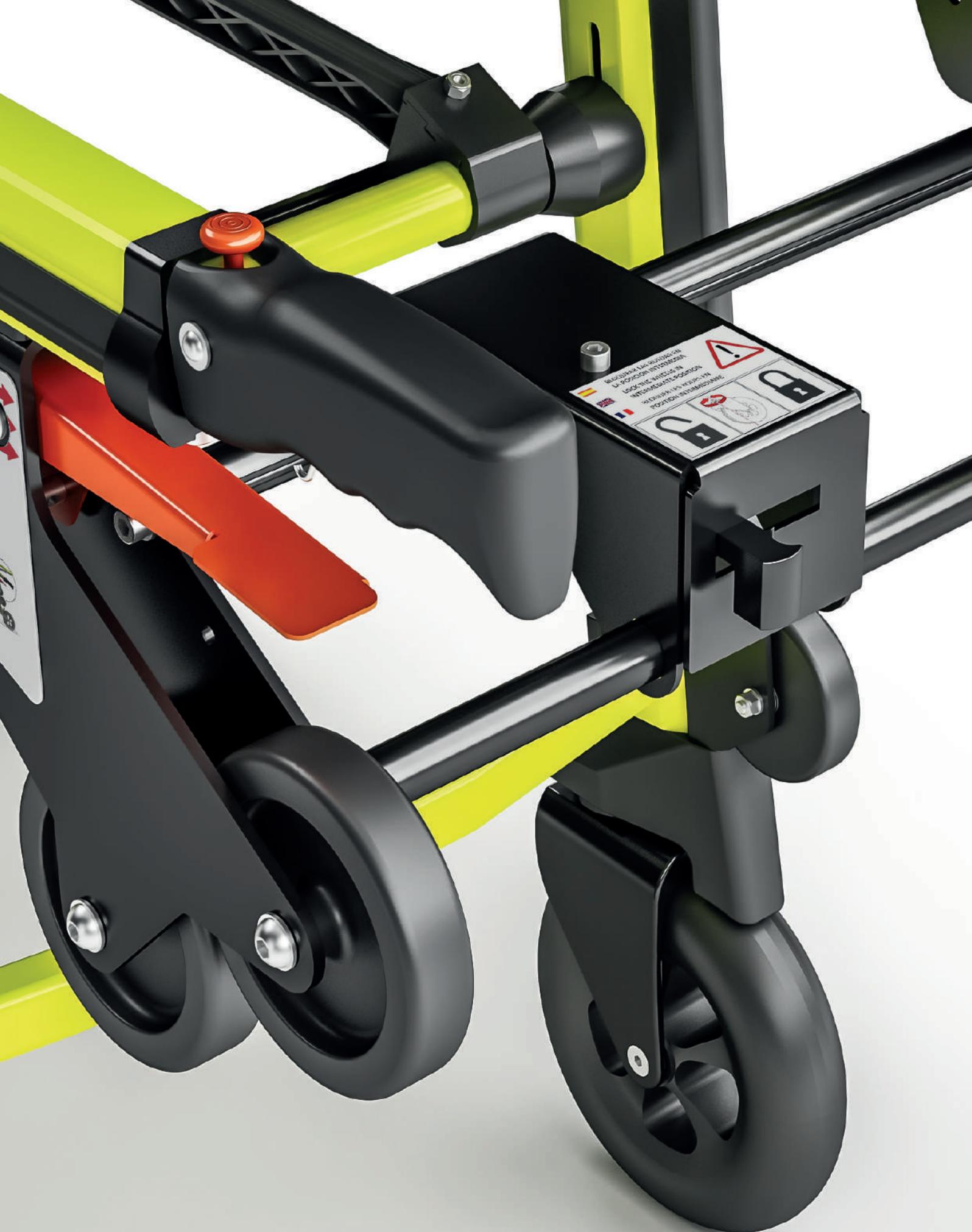
### DIMENSIONS AND WEIGHT

TG-1000UK	
<b>H</b> Max. height (mm)	955
<b>H2</b> Min. height (mm)	465
<b>HC</b> Max. adjustable height (mm)	940
<b>L</b> Length (mm)	1990
<b>L2</b> Length closed (mm)	1680
<b>L3</b> Length open (mm)	1990
<b>W</b> Width (mm)	567
Load capacity (kg)	300
Weight (kg)	78,6



### CHEROKEE ATTACHMENT DIMENSIONS AND WEIGHT

	FIXED		MOBILE	
	R-100F	R-101F	R-102	R-103
Height (mm)	327	146	326,6	146
Length (mm)	332	337,5	385	443,5
Width (mm)	190	200	329	329
Weight (kg)	8	8,5	10	10,5





# JUPITER MECHANICAL

## MECHANICAL EQUIPMENT

<b>01</b> · JUPITER COMPACT SERIES	24
<b>02</b> · JUPITER TROLLEY STRETCHER SERIES	28
<b>03</b> · 241 COMPACT SERIES	34
<b>04</b> · CS-200 STRETCHER CHAIR SERIES	40

# JUPITER COMPACT SERIES

# JUPITER

## Maximum capacity, minimal effort

High-capacity mechanical stretchers that are surprisingly light and maneuverable.

### TG-880 C4 / TG-880 C2

- ▷ 8 intermediary position.
- ▷ Trendelenburg and reverse Trendelenburg.
- ▷ Maximum load 280 kg.



Aluminium



Reclinable



2 rotating wheels



4 lockable wheels



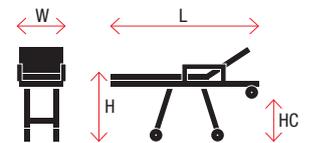
280 Kg

CERTIFIED  
**10G**



#### DIMENSIONS AND WEIGHT

	SIZE L		SIZE M	SIZE S
	TG-880 C2/C4	TG-880 C4 IN	TG-880M C4	TG-880S C4
H Height (mm)	986	986	924	907
HC Height from floor to leading wheel (mm)	720	720	670	601
W Width (mm)	595	595	590	595
L Length (mm)	1974	1974	1990	1975
Weight (kg)	57 / 58,9	55	59,6	55,7



## 01

### Load capacity of 280 kg

Stretcher which can lift a load of up to 280 kg unassisted.



## 02

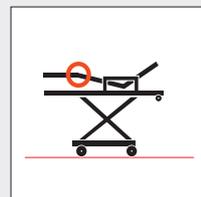
### Easy to transfer patients

Laterally and longitudinally collapsible guardrails.



## 03

### Double-jointed leg rest



### Product Certificates

All KARTSANA products comply with EN 1865 and EN 1789.



## TG-880 C4 IN



Aluminium



4 lockable wheels



280 Kg



### DIMENSIONS AND WEIGHT

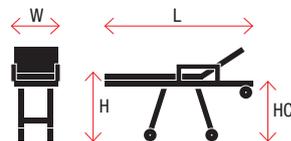
#### TG-880 C4 IN

<b>H</b> Height (mm)	986
<b>HC</b> Height from floor to leading wheel (mm)	720
<b>W</b> Width (mm)	595
<b>L</b> Length (mm)	1974
Weight (kg)	55



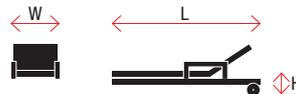
### Compatibility with rails

Rails	TG-880 C4 IN
R-419L	✓
R-800L	✓
R-450N	✓



## MT-118 IN

- ▷ Versatile, 2-in-1 stretcher.
- ▷ Suitable for all incubator models on the market.



Aluminium



Compatible with incubator

### DIMENSIONS AND WEIGHT

#### MT-118 IN

<b>H</b> Height (mm)	150
<b>W</b> Width (mm)	590
<b>L</b> Minimum/maximum length (mm)	1962
Weight (kg)	32

## Comparison of the features of the JUPITER COMPACT SERIES

	TG-880 C2	TG-880 C4	TG-880S C4	TG-880M C4	TG-880C4 IN
Adjustable headrest with shock absorber	✓	✓	✓	✓	
Double-jointed leg rest with 2 shock absorbers	✓	✓	✓	✓	
Positions	5		✓		
	8	✓		✓	✓
Front wheels (200 mm)	<b>Lockable rotating</b>		✓	✓	✓
	Fixed	✓			
<b>Rear wheels (200 mm)</b>	<b>Rotating</b>	✓	✓	✓	✓
Trendelenburg and reverse Trendelenburg	✓	✓	✓	✓	✓
Longitudinally collapsible guardrails	✓	✓	✓	✓	
Laterally collapsible guardrails	✓	✓	✓	✓	
Folding IV pole	✓	✓	✓	✓	
Safety belt kit for shoulders, abdomen and legs	✓	✓	✓	✓	
Aluminium tray for cardiac massage	✓	✓	✓	✓	
4 telescopic handles	✓	✓	✓	✓	✓

# Range of rails for JUPITER COMPACT stretchers

## R-419 / R-419L

- ▷ It can store a backboard or scoop stretcher.
- ▷ Manual locking/unlocking of the entry ramp.



Aluminium and steel



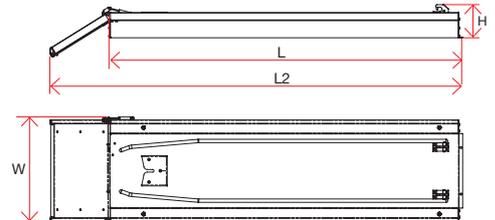
Ramp



Backboard stretcher drawer

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



	R-419	R-419L
<b>H</b> Height (mm)	195	195
<b>L</b> Length closed (mm)	1902	2078
<b>L2</b> Length open (mm)	2300	2465
<b>W</b> Width (mm)	623	623
Weight (kg)	46	51,5

## R-800G / R-800L

- ▷ Manual locking/unlocking of the entry ramp.



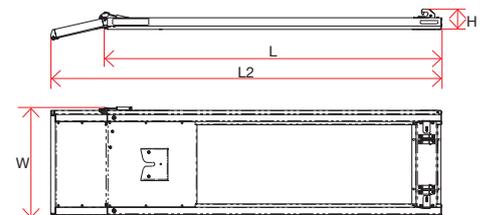
Aluminium and steel



Ramp

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



	R-800G	R-800L
<b>H</b> Height (mm)	112	130
<b>L</b> Length closed (mm)	1854	2095
<b>L2</b> Length open (mm)	2237	2400
<b>W</b> Width (mm)	626	620
Weight (kg)	28	42



### Compatibility with rails

Rails	JUPITER COMPACT SERIES
R-419	Only model TG-880SC4
R-419L	All models except TG-880SC4
R-450N	All models except TG-880SC4
R-450S STAINLESS STEEL	Only model TG-880SC4
R-800G	Only model TG-880SC4
R-800L	All models except TG-880SC4

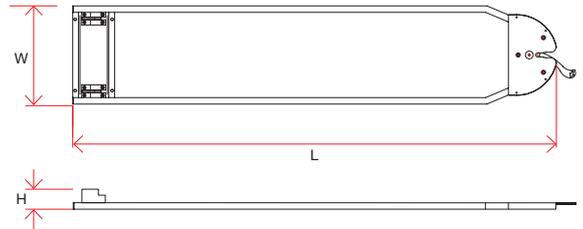
## R-450N

- ▷ Rail made from steel with an epoxy paint finish.
- ▷ Can be installed on the floor or on a platform (recommended).

CERTIFIED  
**10G**



### DIMENSIONS AND WEIGHT



#### R-450N

<b>H</b>	Height (mm)	76
<b>L</b>	Length (mm)	1860
<b>W</b>	Width (mm)	380
	Weight (kg)	8.5

## R-450S INOX

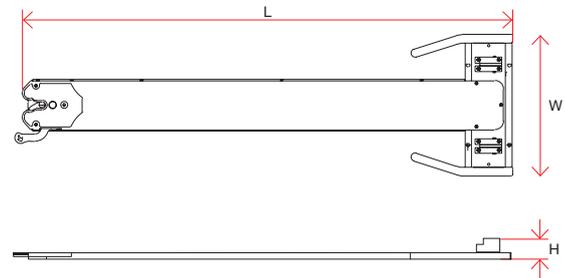
- ▷ Rail made from polished stainless steel.
- ▷ Can be installed on the floor or on a platform (recommended).

**SS**  
Stainless  
steel

CERTIFIED  
**10G**



### DIMENSIONS AND WEIGHT



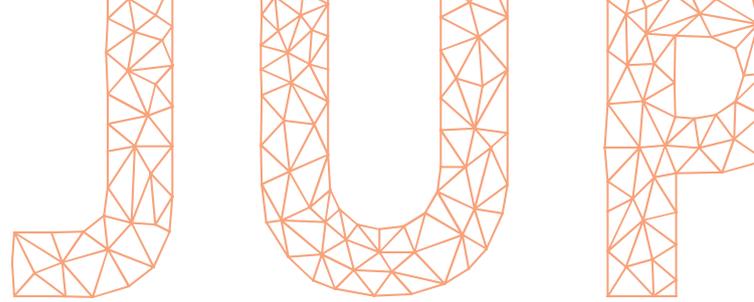
#### R-450S INOX

<b>H</b>	Height (mm)	75
<b>L</b>	Length (mm)	1708
<b>W</b>	Width (mm)	497
	Weight (kg)	11.6

### Technical data comparison

	Weight (kg)	Height (mm)	Length open (mm)	Length closed (mm)	Width (mm)	Ramp	10G certified	Suitable for
R-419	46	195	2300	1902	623	✓	✓	Backboard
R-419L	51.5	195	2465	2078	623	✓	✓	Backboard
R-450N	8.5	76	1860	-	380	-	✓	
R-450S STAINLESS STEEL	11.6	75	1708	-	497	-	✓	
R-800G	28	112	2237	1854	626	✓	✓	
R-800L	42	130	2400	2095	620	✓	✓	

# JUPITER TROLLEY STRETCHER



## Double the functions, double the comfort

Very easy to assemble, makes transporting patients easier by adapting to different spaces.

### TG-8802 / TG-8804

- ▷ 8 intermediary position.
- ▷ Trendelenburg and reverse Trendelenburg.
- ▷ 5 anchoring points to MTR-120 stretchers.



Aluminium



Reclinable



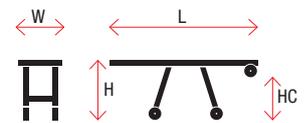
2 rotating wheels



280 Kg



CERTIFIED  
10G



#### DIMENSIONS AND WEIGHT

	TG-8802	TG-8804
H Height (mm)	1045	1045
HC Height from floor to leading wheel (mm)	720	720
W Width (mm)	575	575
L Minimum/maximum length (mm)	1990/2369	1990/2369
Weight (kg)	35,9	37,9

## 01

### Reversible stretcher

Aid in attending to pregnant patients inside ambulances.



## 02

### 6 telescopic handles

Also features 2 extra handles on the sides (MTR 120).



## 03

### Integrated control panel

For unfolding the legs.



## 04

### Unfolding

Automatically unfolds the legs while exiting the ambulance.



## 05

### Easy to transfer patients

Laterally and longitudinally collapsible guardrails.



### Product Certificates

All KARTSANA products comply with EN 1865 and EN 1789.

CERTIFIED  
10G

# JUPITER

## MTR-120

- ▷ Adjustable headrest.
- ▷ Laterally and longitudinally collapsible guardrails.
- ▷ Safety belt kit for shoulders, abdomen and legs.
- ▷ Aluminium tray for performing cardiac massages.
- ▷ Double-jointed leg rest.



Articulated



Guardrails



Aluminium

CERTIFIED  
10G



## MT-118 IN

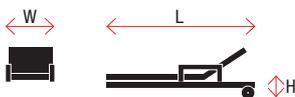
- ▷ Versatile, 2-in-1 stretcher.
- ▷ Suitable for all incubator models on the market.



Aluminium



Compatible  
with incubator



### DIMENSIONS AND WEIGHT

	MT-118 IN	MTR-120
H Height (mm)	150	150
W Width (mm)	590	590
L Minimum/maximum length (mm)	1962	1962
Weight (kg)	32	26,7

### Comparison of the features of the JUPITER TROLLEY STRETCHER SERIES

TROLLEY	TG 8802	TG 8804
8 positions	✓	✓
Front wheels (200 mm)	Lockable rotating	✓
	Fixed	✓
Rear rotating wheels (200 mm)	✓	✓
Trendelenburg and reverse Trendelenburg	✓	✓
Anti-fold safety system trolley legs	✓	✓
Collapsible rear handles	✓	✓

### STRETCHER

	MTR-120	MT-118 IN
Adjustable headrest with shock absorber	✓	
Double-jointed leg rest with 2 shock absorbers	✓	
Longitudinally collapsible guardrails	✓	
Laterally collapsible guardrails	✓	
Folding IV pole	✓	
Aluminium tray for cardiac massage	✓	
Aluminium tray for incubation equipment		✓
4 telescopic handles	✓	✓
Telescopic central handles	✓	
Safety belt kit for shoulders, abdomen and legs	✓	

# Range of rails for JUPITER TROLLEY stretchers

## R-419L

- ▷ It can store a backboard or scoop stretcher.
- ▷ Manual locking/unlocking of the entry ramp.



Aluminium and steel



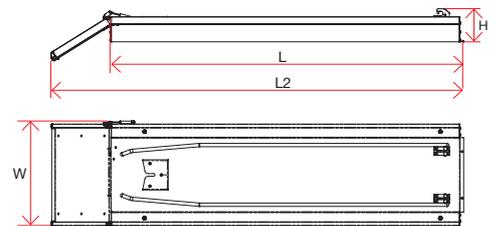
Ramp



Backboard stretcher drawer

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



### Compatible stretchers

	241 SERIES	JUPITER SERIES	JUPITER COMPACT SERIES
R-419	✓		Only model TG-880SC4
R-419L		✓	All models except TG-880SC4

	R-419	R-419L	
H	Height (mm)	195	195
L	Length closed (mm)	1902	2078
L2	Length open (mm)	2300	2465
W	Width (mm)	623	623
	Weight (kg)	46	51,5

## R-800G / R-800L

- ▷ Manual locking/unlocking of the entry ramp.



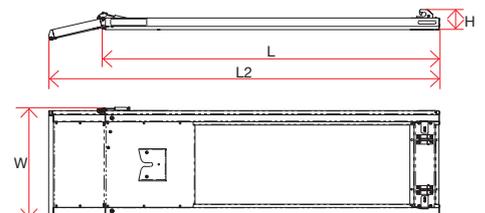
Aluminium and steel



Ramp

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



### Compatible stretchers

	241 SERIES	JUPITER COMPACT SERIES
R-800G	✓	Only model TG-880SC4
R-800L		All models except TG-880SC4

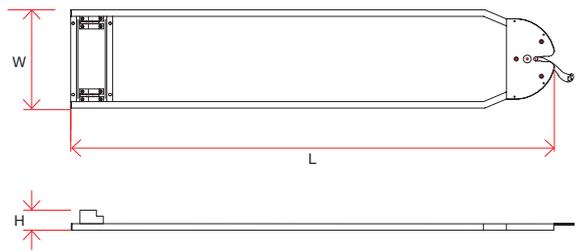
	R-800G	R-800L	
H	Height (mm)	112	130
L	Length closed (mm)	1854	2095
L2	Length open (mm)	2237	2400
W	Width (mm)	626	620
	Weight (kg)	28	42

# R-450N

- ▷ Rail made from steel with an epoxy paint finish.
- ▷ Can be installed on the floor or on a platform (recommended).

CERTIFIED  
**10G**

## DIMENSIONS AND WEIGHT



### Compatibility with rails

Rails	JUPITER TROLLEY STRETCHER SERIES
R-419L	✓
R-450N	✓
R-800L	✓



### Compatible stretchers

	JUPITER SERIES	JUPITER COMPACT SERIES
R-450N	✓	All models except for TG-880S C4

### R-450N

<b>H</b>	Height (mm)	76
<b>L</b>	Length (mm)	1860
<b>W</b>	Width (mm)	380
	Weight (kg)	8.5

## Technical data comparison

	Weight (kg)	Height (mm)	Length open (mm)	Length closed (mm)	Width (mm)	Ramp	10G certified	Suitable for
R-419	46	195	2300	1902	623	✓	✓	Backboard
R-419L	51.5	195	2465	2078	623	✓	✓	Backboard
R-450N	8.5	76	1860	-	380	-	✓	
R-450S STAINLESS STEEL	11.6	75	1708	-	497	-	✓	
R-800G	28	112	2237	1854	626	✓	✓	
R-800L	42	130	2400	2095	620	✓	✓	

# ACCESSORIES

# FOR JUPITER SERIES

An essential complement to any emergency equipment

C-064 **Bariatric Kit CLICK**



C102 **Instrument table**



C-007 **Wing cushion**



C-003 **Oxygen bottle holder**



52-0610 **IV Pole**



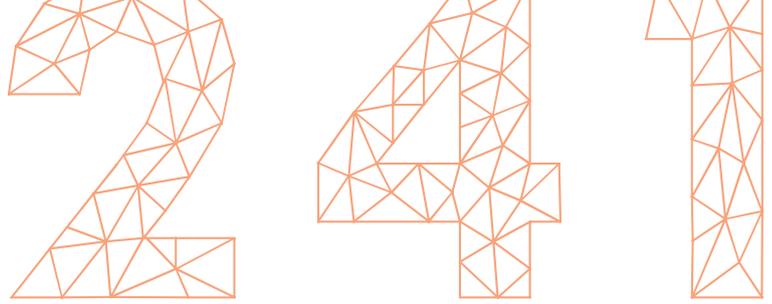
**A!** Detailed information on pages 52-55.



## ABILITY TO ADAPT

We operate in more than 25 countries and adapt to each one's individual needs and regulations.

# 241 COMPACT SERIES



## Ability to adapt

A series featuring three models that stand out for their high level of versatility in terms of movement and height.

### TG-241



Aluminium



Reclinable



250 Kg



Laterally and longitudinally collapsible guardrails



Leg rest with shock absorber



Rotating wheels



Lockable wheels

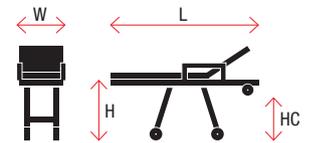


Twin wheels on leading edge



#### DIMENSIONS AND WEIGHT

	S	M	L	XL
<b>H</b> Height (mm)	810	860	904	
<b>HC</b> Height from floor to leading wheel (mm)	530	585	639	-
<b>W</b> Width (mm)	590	590	590	-
<b>L</b> Length (mm)	1951	1951	1951	-
Weight (kg)	44	45,7	48	-



## 01

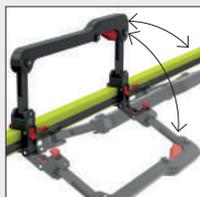
Load capacity of 250 kg.



## 02

Laterally and longitudinally collapsible guardrails

Easy to transfer patients.



## 03

Double the wheels, double the ease of loading



## 04

Safe and easy

Front wheel locking and unlocking (only on the TG model).



## 05

Wheel lock

Maximum control for the operator.



## 06

Trendelenburg and reverse Trendelenburg

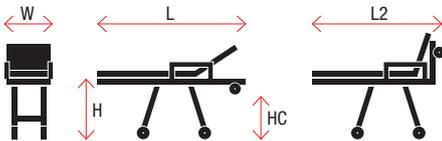
Minimal effort for the healthcare worker.



# TGX-241

## DIMENSIONS AND WEIGHT

	S	M	L	XL
<b>H</b> Height (mm)	-	860	909	953
<b>HC</b> Height from floor to leading wheel (mm)	-	590	642	686
<b>W</b> Width (mm)	-	590	590	590
<b>L</b> Length (mm)	-	1953	1953	1953
<b>L2</b> Length folded (mm)	-	1630	1630	1571
Weight (kg)	-	45,6	47,6	49,4



Aluminium



Reclinable



250 Kg

Longitudinally  
collapsible  
guardrailsLeg rest with  
shock absorber

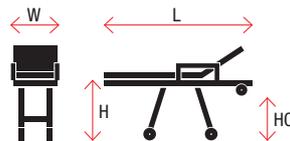
Foldable

**CERTIFIED**  
**10G**


# TGM-241

## DIMENSIONS AND WEIGHT

	S	M	L	XL
<b>H</b> Height (mm)	800	850	910	950
<b>HC</b> Height from the floor to the leading wheel (mm)	570	595	650	705
<b>W</b> Width (mm)	590	590	590	590
<b>L</b> Length (mm)	1951	1951	1951	1951
Weight (kg)	47	47,5	46,7	47,2



Aluminium



Reclinable



250 Kg

Laterally and  
longitudinally  
collapsible guardrailsRotating  
wheelsLeg rest with  
shock absorber
**CERTIFIED**  
**10G**


## 07

### Product Certificates

All KARTSANA products comply with EN 1865 and EN 1789.

**CERTIFIED**  
**10G**

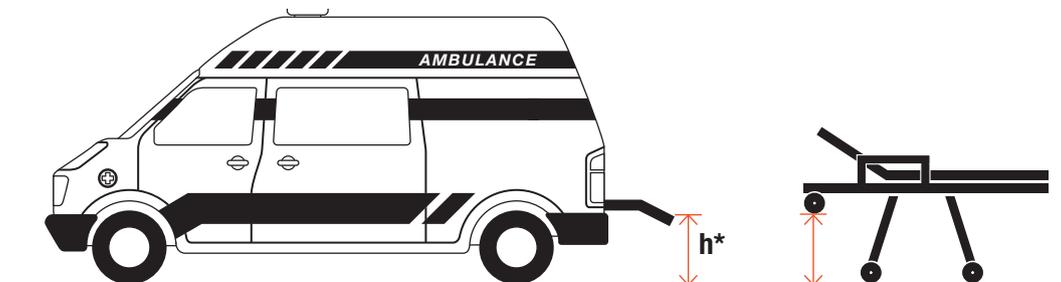
### Adaptable to the height of the ambulance rail ramp

4 available heights to the leading wheel to adapt to the rail ramp on the ambulance.

## One series, three models

		TG	TGM	TGX
Stretcher mainly made of aluminium		✓	✓	✓
Adjustable headrest with shock absorber		✓	✓	✓
Leg rest	<b>Single-jointed with shock absorber</b>	✓	✓	✓
	Fixed			
Front wheels	<b>Lockable rotating</b>	✓		
	Rotating		✓	
	Fixed			✓
Rear wheels	Lockable rotating	✓	✓	✓
Leading wheel	<b>Twin</b>	✓		
	Single		✓	✓
3 positions		✓	✓	✓
4 telescopic handles		✓	✓	✓
Laterally and longitudinally collapsible guardrails		✓	✓	✓
IV post		✓	✓	✓
Safety belt kit for shoulders, abdomen and legs (3-point)		✓	✓	✓
Aluminium tray for performing cardiac massages		✓	✓	✓
Fire-resistant welded mattress		✓	✓	✓

## Adaptable to the height of the ambulance rail ramp



\* Recommended loading height, at which the leading wheel makes contact halfway along the rail ramp.



### Compatibility with rails

Rails	241 COMPACT SERIES
R-419	✓
R-450S INOX	✓
R-800G	✓

### 4 available heights

S	M	L	XL
---	---	---	----

Distance from the floor to the leading wheel to adapt to the rail ramp on the ambulance.

### Product certification

All KARTSANA products comply with the EN 1865 and 1789 standards.

CERTIFIED  
**10G**

## R-419 / R-419L

- ▷ It can store a backboard or scoop stretcher.
- ▷ Manual locking/unlocking of the entry ramp.



Aluminium and steel



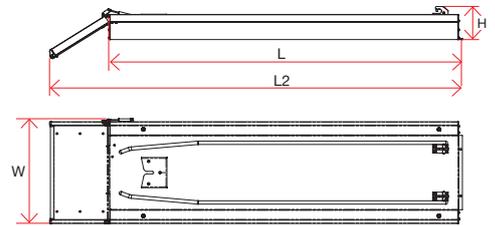
Ramp



Backboard stretcher drawer

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



### Compatible stretchers

	241 SERIES	JUPITER TROLLEY SERIES	JUPITER COMPACT SERIES
R-419	✓		Only model TG-880SC4
R-419L		✓	All models except TG-880SC4

	R-419	R-419L
<b>H</b> Height (mm)	195	195
<b>L</b> Length closed (mm)	1902	2078
<b>L2</b> Length open (mm)	2300	2465
<b>W</b> Width (mm)	623	623
Weight (kg)	46	51,5

## R-450S INOX

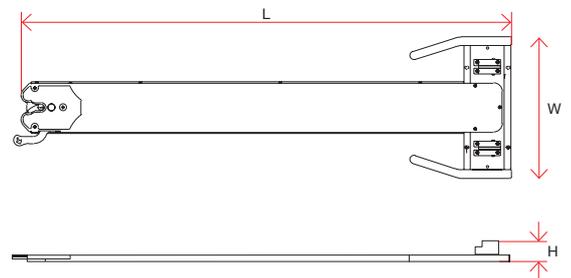
- ▷ Rail made from polished stainless steel.
- ▷ Can be installed on the floor or on a platform (recommended).



Stainless steel

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



### Compatible stretchers

	241 SERIES	JUPITER COMPACT SERIES
R-450S STAINLESS STEEL	✓	Only TG-880SC4

	R-450S INOX
<b>H</b> Height (mm)	75
<b>L</b> Length (mm)	1708
<b>W</b> Width (mm)	497
Weight (kg)	11.6

## R-800G / R-800L

- ▷ Manual locking/unlocking of the entry ramp.



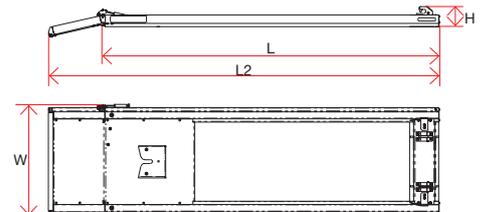
Aluminium and steel



Ramp

CERTIFIED  
10G

### DIMENSIONS AND WEIGHT



### Compatible stretchers

	241 SERIES	JUPITER COMPACT SERIES
R-800G	✓	Only model TG-880SC4
R-800L		All models except TG-880SC4

	R-800G	R-800L
<b>H</b> Height (mm)	112	130
<b>L</b> Length closed (mm)	1854	2095
<b>L2</b> Length open (mm)	2237	2400
<b>W</b> Width (mm)	626	620
Weight (kg)	28	42

# ACCESSORIES

## FOR 241 COMPACT SERIES

An essential complement to any emergency equipment

C-007 Wing cushion



C-003 Oxygen bottle holder



52-0610 IV Pole



C-080 Accessories bag Series 241



P- 359 Mattress Series 241





## PRACTICALITY

Solutions that make work easier for professionals without compromising the patient's well-being.

# CS-200 STRETCHER CHAIR SERIES

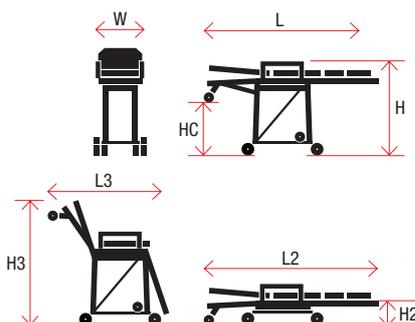


## Transformation towards accessibility

More versatile, more comfortable, more secure

### CS-200

- ▷ Four large wheels (Ø 200mm) for stable mobility.
- ▷ Ergonomic safety armrests can be folded longitudinally.
- ▷ 3-point belt kit.
- ▷ 2-piece thermo welded mattress to better adjust to the patient's upper and lower body.



#### Stretcher position

<b>H</b>	Height (mm)	1047
<b>HC</b>	Height from the floor to the leading wheel (mm)	655
<b>W</b>	Width (mm)	603
<b>L</b>	Length (mm)	1961
<b>H2</b>	Height (mm)	347
<b>L2</b>	Length (mm)	1979

#### Chair position

<b>L3</b>	Length (mm)	1350
<b>H3</b>	Height (mm)	1444
Stretcher weight (Kg)		41,4



## 01

**Load capacity of 300 kg.**



## 02

**Intuitive conversion from stretcher to chair**

Lever located on the back of the backrest.



## 03

**Leg-assisted unfolding**

Easy adaptation to different environments.



## 04

**Thermo-welded mattress**

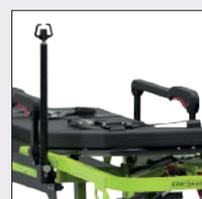
2 pieces to better adjust to lower and upper body.

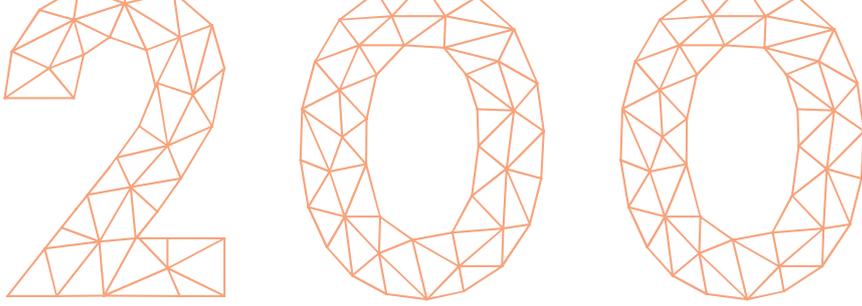


## 05

**Easy to assemble IV Pole**

Located at the back of the rest when not in used.





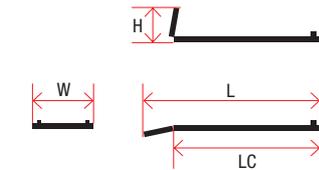
# R-800CS The rail for CS-200

The R-800 CS rail sets new standards in care and transport by reducing patient transfers between chairs and stretchers.

- ▷ Rail with maximum support and stability, with 5 solid anchorage points.
- ▷ Optimized rail loading process for greater comfort, with cushioned guides.



06



### DIMENSIONS AND WEIGHT

### R-800 CS

<b>H</b> Height (mm)	499
<b>LC</b> Length closed (mm)	2028
<b>L</b> Length open (mm)	2468
<b>W</b> Width (mm)	638
Weight (kg)	47

## Product Certificates

All KARTSANA products comply with EN 1865 and EN 1789.



## 06

### Avoids extra effort of the health technician

Incorporates an entry tray to facilitate loading onto the stretcher.



## 07

### Maximum support and stability

5 solid anchorage points.



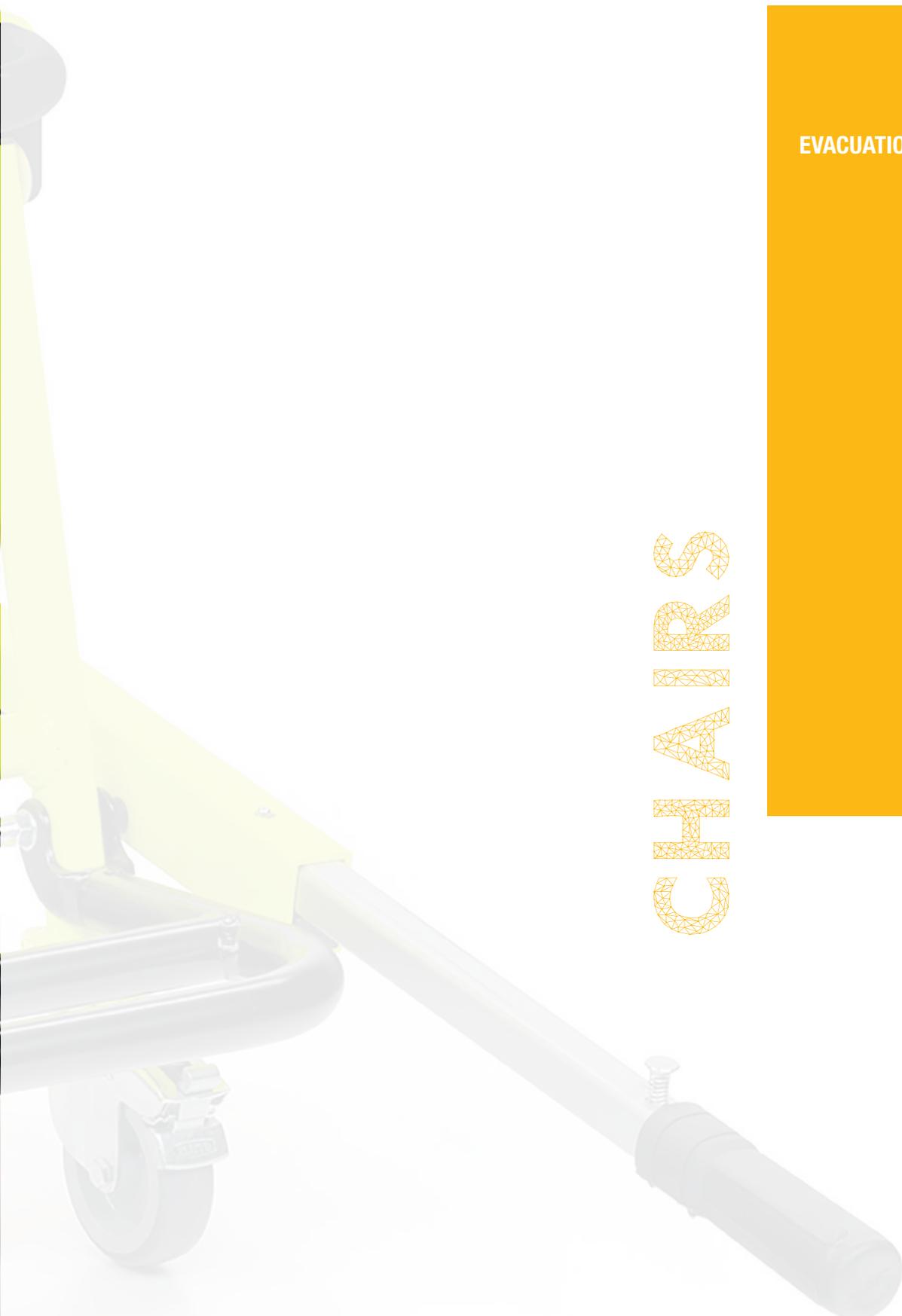
## 08

### More comfortable loading process

Snap-in guides.







## EVACUATION CHAIRS

S  
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C

# EVACUATION CHAIRS



## For all needs

Light and safe chairs for transporting and evacuating patients whatever the situation.

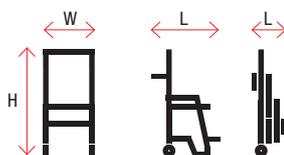


# WIRIS

## S-127



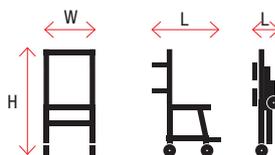
- ▷ Aluminium folding chair with an epoxy paint finish.
- ▷ 2 safety belts.
- ▷ 2 wheels.



## S-129



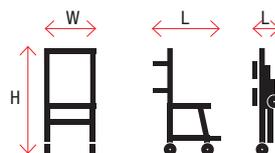
- ▷ Aluminium folding chair with an epoxy paint finish.
- ▷ 4 wheels.
- ▷ 6 handles (4 collapsible + 2 extendable).
- ▷ Folding footrest.
- ▷ 3 safety belts.
- ▷ Weight: 8,600 kg.



## S-129 RG

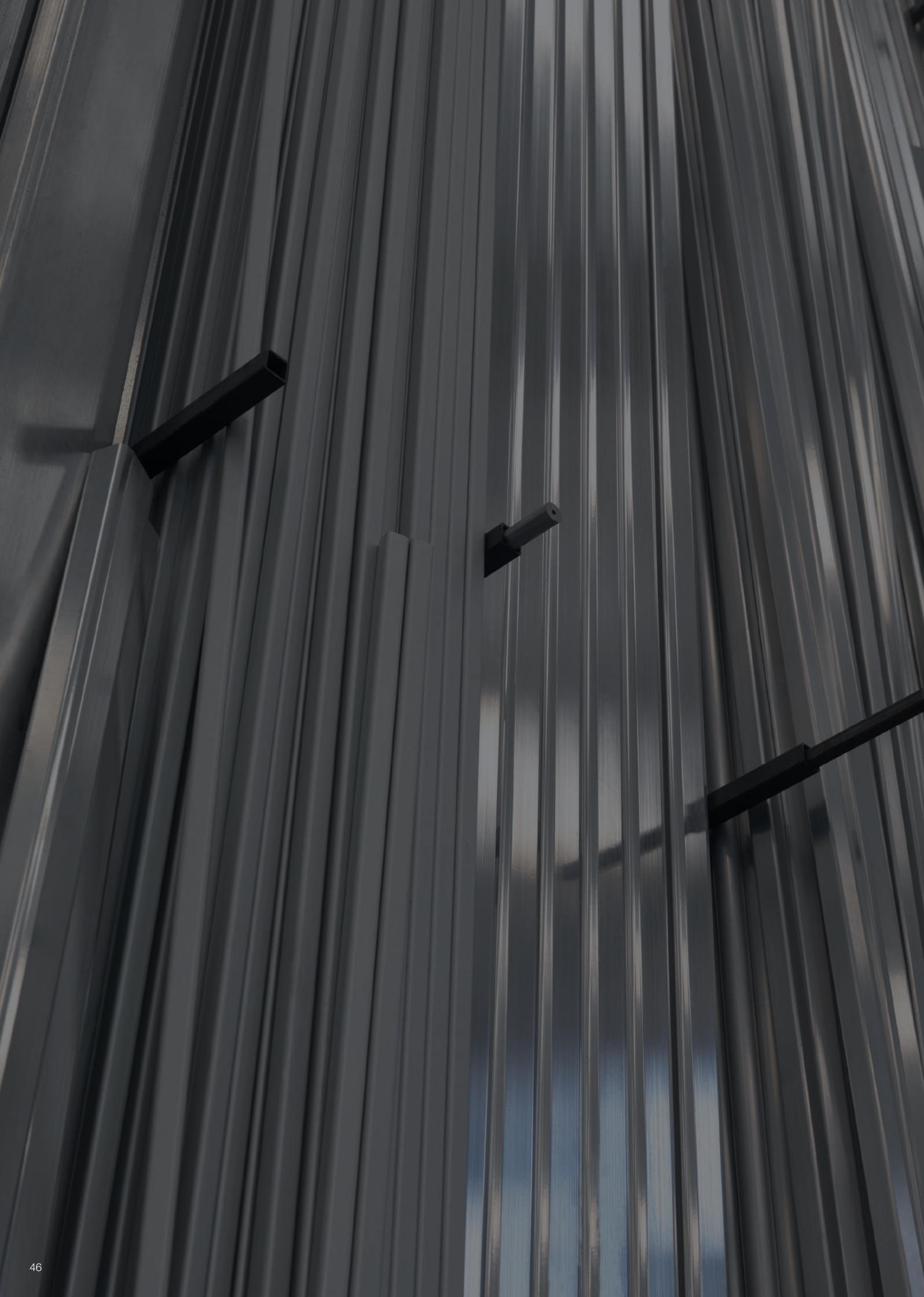


- ▷ Aluminium folding chair.
- ▷ 4 wheels.
- ▷ 6 handles (4 collapsible + 2 extendable).
- ▷ 3 safety belts.
- ▷ Folding footrest.
- ▷ Weight: 10,900 kg.



### DIMENSIONS AND WEIGHT

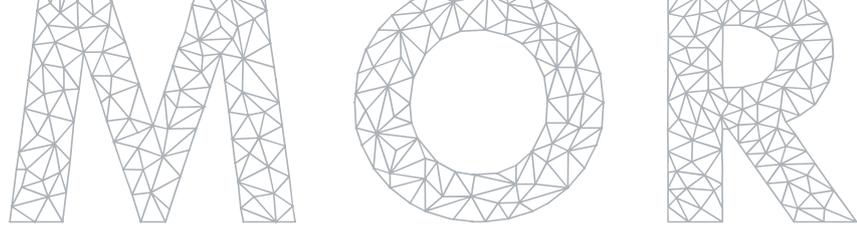
		S-127	S-129	S-129RG
UNFOLDED CHAIR	L Length (mm)	498	720	760
	W Width (mm)	489	500	525
	H Height (mm)	1035	921	990
FOLDED CHAIR	L Length (mm)	280	247	247
	W Width (mm)	196	500	525
	H Height (mm)	596	921	990
Weight (kg)		8.0	8.6	10.9
Load capacity (kg)		150	150	150



MORTUARY

MORTUARY STRETCHERS

# MORTUARY STRETCHERS



## For functional and discreet removal

### TGF-241S

- ▷ Made of Aluminum. Light and handy.
- ▷ 1 intermediate position to facilitate the transfer from the bed to the stretcher.
- ▷ **TGF-241S**: 2 lockable rear wheels and 2 fixed front wheels.
- ▷ 4 telescopic handles for easy maneuverability.
- ▷ Three-point safety belt kit to properly secure the body.

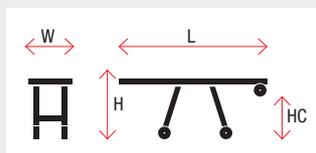


Aluminium



#### DIMENSIONS AND WEIGHT

	TGF-241S	TGF-241S4
<b>H</b> Height (mm)	810	810
<b>HC</b> Height from the floor to the leading wheel (mm)	550	550
<b>W</b> Width (mm)	570	570
<b>L</b> Length (mm)	1975	1975
Stretcher weight (Kg)	36	36
Total weight (Kg)	47	47



# T U A R Y

## TGF-241S4

- ▷ Made of Aluminum. Light and handy.
- ▷ 1 intermediate position to facilitate the transfer from the bed to the stretcher.
- ▷ **TGF-241S4**: 4 rotating lockable wheels.
- ▷ 4 telescopic handles for easy maneuverability.
- ▷ Three-point safety belt kit to properly secure the body.

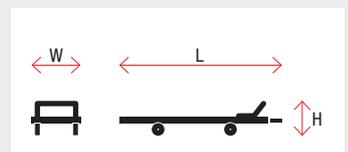


## C-023



### DIMENSIONS AND WEIGHT

		C-023
<b>H</b>	Height (mm)	286
<b>W</b>	Width (mm)	470.5
<b>L</b>	Length (mm)	1965
	Weight (Kg)	11







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# ACCESSORIES

## An essential complement to any emergency equipment

### CLICK Bariatric Kit

Accessory for quickly widening the stretcher to transport larger patients. The system is rapidly installed in just 8 seconds. It is supplied with safety belts, side cushions and a comfortable bag for transporting it.



Ref	Description	Compatibility
C-064	CLICK bariatric kit	BRAVA SERIES
C-079	CLICK bariatric kit	JUPITER SERIES
C-085	Assembly set for bariatric kit	BRAVA SERIES
C-084	Assembly set for bariatric kit	JUPITER SERIES

### SUPERBRAVA Bariatric Kit

The SUPERBRAVA Bariatric Kit is a widening accessory for transporting voluminous patients. Its "click" system allows an instant installation and thanks to the colored parts to identify both sides, it is very intuitive. It is supplied with belts, side cushions and carrying bag.



Ref	Description	Compatibility
C-094	Bariatric Kit	SUPERBRAVA SERIES

### Instrument table

A range of instrument tables adapted to the different series of KARTSANA stretchers. It features several different installation options for different medical apparatus.



Ref	Description	Compatibility
C-101	Instrument table	BRAVA and SILVER
C-102	Instrument table	241 and JUPITER SERIES
C-104	Telescopic instrument table	SUPERBRAVA
C-097	Instrument table	SUPERBRAVA

### Instrument tray

The instrument tray is made of high resistance aluminum designed to hold small medical material, working tools as well as patient's personal belongings.



Ref	Description	Compatibility
C-093	Instrument tray	SUPERBRAVA SERIES

### Corpuls fixation

Suitable accessory for fastening the CORPULS monitoring unit to the side of the stretcher.



Ref	Compatibility
C-040	ELECTRICAL STRETCHERS
C-041	MECHANICAL STRETCHERS

### Oxygen bottle holder

Discreet support for holding oxygen bottles.



Ref	Compatibility
C-003	All series

## Extendable headrest

Comfortable extendable headrest up to a total of 157 mm. With stoppers on both sides for safety. It is collapsible, facilitating the tasks of cleaning the mattress or changing the sheet.



Ref	Description	Compatibility
C-098	Extendable headrest	SUPERBRAVA SERIES
C-099	Anatomical cushion	SUPERBRAVA SERIES

## Collapsible headrest extension

Collapsible headrest extension kit which allows the wing cushion to be folded or unfolded. The wing cushion is acquired separately. See Ref. C-007.



Ref	Compatibility
C-014	BRAVA, SILVER and CHEROKEE

## Fixed headrest extension

Fixed headrest extension kit. Purchase together with: C-007.



Ref	Compatibility
C-006	BRAVA and SILVER SERIES

## Oxygen Bottle Holder

SUPERBRAVA oxygen bottle holder, easy to install, for both the front and the back of the stretcher.

Bottle capacity: 2 liters.



Ref	Description	Compatibility
C-095	Oxygen bottle holder	SUPERBRAVA SERIES

## Wing cushion

Anatomical cushion to install directly on the mattress or on KARTSANA accessories. Made from heat-resistant material with welded seams.



Ref	Compatibility
C-007	All cushions

## Accessory bags

The accessory bags allow storage of accessories and personal items. Adaptable by clip buttons to the back of the stretcher.



Ref	Description	Compatibility
C-080	Accessory bag	241 SERIES
C-081	Accessory bag	BRAVA SERIES
C-091	Accessory bag	SUPERBRAVA SERIES

# ACCESSORIES

## An essential complement to any emergency equipment

### IV pole

Telescopic support for IV drips. Two IV poles can be installed on KARTSANA stretchers at a time.



Ref	Compatibilidad
52-0610	All series *except SUPERBRAVA and SILVER+
C-090	SUPERBRAVA and SILVER+

### Pushing Poles

The push poles make it easier to move the stretcher when it is not fully elevated. The poles are telescopic and are located on both sides of the stretcher at the rear. Easy assembly with only 4 screws. Includes installation kit.



Ref	Description	Compatibilidad
C-092	Pushing poles	SUPERBRAVA SERIES

### Pediatric mattress

The multi-purpose pediatric mattress that has an adapter with its own safety belts for children weighing between 3.5 and 11 kg.



Ref	Description	Compatibilidad
P-105	Pediatric mattress	SUPERBRAVA SERIES

### Mattress Series 241

Anatomical mattress adaptable to all 241 Series.



Ref	Compatibilidad
P-359	All SERIES 241 mattresses.

### Series Mattress

Anatomic mattress adaptable for TG-1000 POWER BRAVA and TG-1100 SILVER.



Ref	Compatibilidad
P-370	TG-1000 BRAVA SERIES
P-371	TG-1100 SILVER SERIES
P-104	TG-2022 SUPERBRAVA

### TG-1000 IN BRAVA Series Tray

Upper stretcher tray for incubator. TG-1000 IN BRAVA Series.



Ref	Compatibilidad
C-004	TG-1000 IN BRAVA SERIES

## Heated mattress

Heated mattress that provides the patient with the ideal temperature, guaranteeing comfort throughout the transfer. The battery is removable. It is purchased separately as well as the charger.



Ref	Description	Compatibility
P-107	Heated mattress	SUPERBRAVA SERIES
07-150-001	Battery	SUPERBRAVA SERIES
07-151-001	Battery charger	SUPERBRAVA SERIES

## Replacement battery

Milwaukee M28 battery with high capacity and easy installation.



Ref	Description	Compatibility
07-0110-001	Battery	SUPERBRAVA and SILVER+

## Battery charger

Allows battery charging in a conventional 230V wall socket. European power supply.



Ref	Description	Compatibility
07-0112-001	Battery charger	SUPERBRAVA and SILVER+

## External battery charger

Allows all KARTSANA electric stretcher batteries to be charged using a conventional 230V wall socket.



Ref	Compatibility
07-0032	BRAVA, SILVER and CHEROKEE

## Discharged battery activator

Accessory for recovering discharged batteries via a conventional 230V power supply except SUPERBRAVA and SILVER+.



Ref	Compatibility
07-0056	BRAVA, SILVER and CHEROKEE

KARTSANA designs, manufactures and distributes land and air emergency healthcare transport equipment.

Thanks to the experience the company has accumulated over its more than 37 years of history, KARTSANA's stretchers and chairs offer practical, reliable and safe solutions based on an optimal structural design and constant technical evolution. Equipment which makes it easier for emergency healthcare professionals to do their job while maintaining the comfort and safety of patients.

KARTSANA currently operates in more than 28 countries, fully adapting to the particular circumstances and regulations of each market.

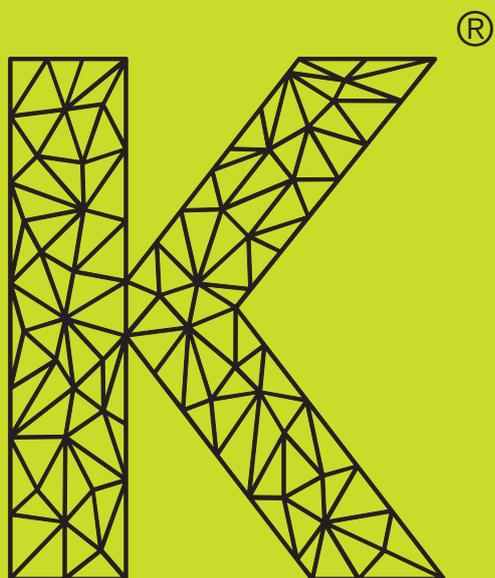


KARTSANA S.L.  
Narcís Monturiol, 34  
08192 · Sant Quirze del Vallès  
Barcelona (Spain)  
T.: +34 93 715 86 72  
E.: [info@kartsana.com](mailto:info@kartsana.com)  
**[www.kartsana.com](http://www.kartsana.com)**

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