





PROFESSIONAL PATIENT TRANSPORT

Consultation and demonstration



utila Gerätebau GmbH + Co. KG
Zobelweg 9
53842 Troisdorf

Telefon +49 2241 9483 0
Fax +49 2241 9483 25

info@utila.de
www.utila.de

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X-Frame Stretcher Transporter 2018 R 26-27



Aluminium frame white powder coated, other RAL colours possible.

Welded seat paddings in black.

All products in this catalog are medical devices.

All information is subject to change.

Universal: Electro ⚡ mobility for Patient Transport!



With the Electric PowerTraxx™ Upstairs **and** Downstairs, just Push the Button.



Important:

The standard restraints on utila carrying chairs are only for securing the patient during transport outside the ambulance. During transportation in the ambulance please use vehicle mounted safety restraints following your national rules and regulations.

Patients can be transported in ALS carrying chairs in seating position inside the ambulance in combination with floor fastener BH 501 E.

ALS 118
ALS 128



**Classic Chair
made to latest EN specifications:
Carrying Chairs ALS 118 / ALS 128**

Our popular carrying chairs have been modified to meet the current EN-specifications. This guarantees security and safety for patient and operators.

Patients can be transported in this chair in seating position inside the ambulance.

Standard features:

- welded aluminium frame construction
- white powder coating, at additional cost other RAL colors possible
- telescoping carrying handles at front and rear end
- additional folding handles at back
- folding armrests
- telescoping footrest
- two 150 mm rear swivel wheels with brake and directional lock
- two 150 mm stationary front wheels
- anatomic back and seat padding, black
- two patient restraints in blue, with push button, optional restraints available in black or red
- lock pins for floor fastener BH 501 E or BH 501 M

Available versions:

ALS 118 with 500 mm seat height
ALS 128 with 10 mm height-kit

Accessories:

Floor Fastener BH 501 E, with electrical release
Floor Fastener BH 501 M, with manual release
Shoulder Harness

Important:

Carrying chairs ALS 118 and ALS 128 are tested to latest EN specifications in combination with floor fastener BH 501 E and BH 501 M.

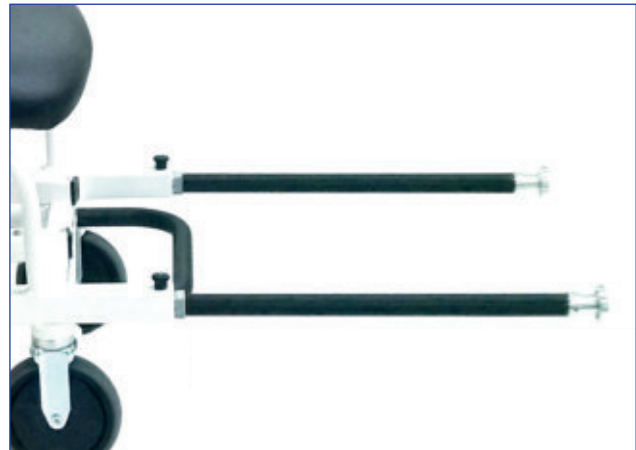
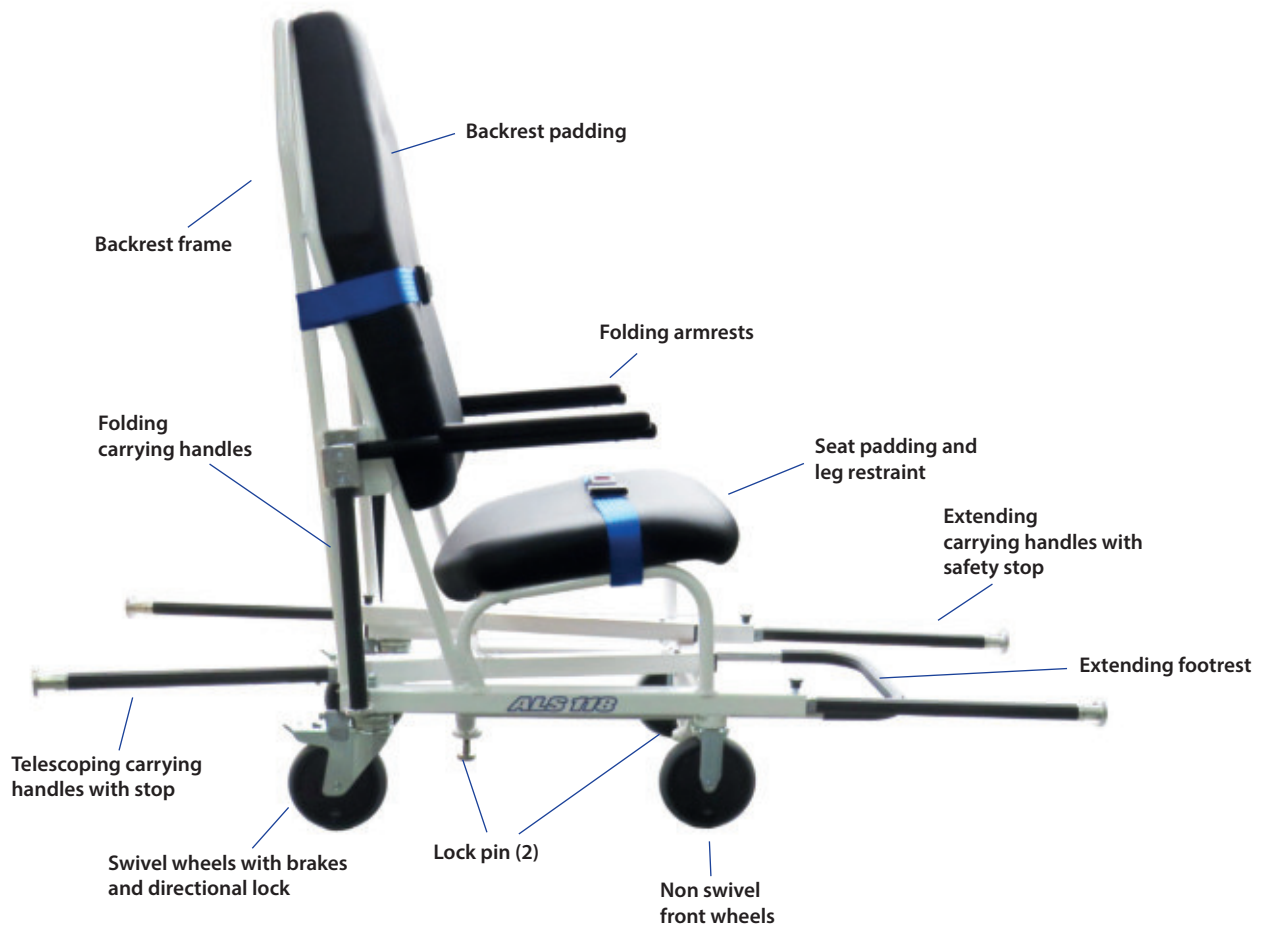


Telescoping rear handles with anti slip plastic coating.

**Classic utila Chair
with high seating comfort !**

PATIENT TRANSPORT

Features:



SPECIFICATIONS

	Length handles extended	Length handles retracted	Width	Height	Seat height	Weight	Load capacity max.
ALS 118	1 600 mm	800 mm	570 mm	1 230 mm	500 mm	24.5 kg	150 kg
ALS 128	1 600 mm	800 mm	570 mm	1 240 mm	510 mm	24.5 kg	150 kg

ALS 318
ALS 328

**Lightweight
made to latest EN-regulations:
Carrying Chairs ALS 318 / ALS 328**

This chair is similar to our standard classic model but weighs only 18.5 kg. Therefore, it is easy to handle though it is strong and stable.

In combination with the floor fastener BH 501 E patients can be transported in this chair in seating position inside the ambulance.

Standard features:

- welded lightweight aluminium frame construction
- white powder coating, at additional cost other RAL colors possible
- two rear folding handles with anti slip plastic coating, two front telescoping handles with anti slip plastic coating
- folding armrests
- folding footrest with anti slip plastic coating
- two 150 mm fixed front wheels, and two 150 mm rear swivel wheels with brake (optional directional wheel lock)
- integrated headrest
- welded seat padding with slots for shoulder harness, black
- 4-point restraint system and leg restraint in black, optional restraint in blue or red available
- lock pins for floor fastener BH 501 E or BH 501 M

Available versions:

- ALS 318 with 450 mm seat height
- ALS 328 with 10 mm height-kit

Both models are available with directional locks on rear swivel wheels.

Accessories:

- Floor Fastener BH 501 E, with electrical release
- Floor Fastener BH 501 M, with mechanical release

Important:

Carrying chairs ALS 318 and ALS 328 are tested to latest EN specifications in combination with floor fastener BH 501 E and BH 501 M.



10 mm height-kit on model ALS 328

**Solid aluminium construction
with only 18.5 kg weight !**

PATIENT TRANSPORT

Features:



SPECIFICATIONS

	Length handles extended	Length handles retracted	Width	Height	Seat height	Weight	Load capacity max.
ALS 318	1 420 mm	760 mm	570 mm	1 230 mm	450 mm	18.5 kg	150 kg
ALS 328	1 420 mm	760 mm	570 mm	1 240 mm	460 mm	18.5 kg	150 kg



ALS 318 PT
ALS 328 PT

PowerTraxx
Upstairs
& Downstairs
The Original.

PowerTraxx Carrying Chairs
ALS 318 PT / ALS 328 PT

Based on the chair models ALS 318 / ALS 328 the PT-versions are equipped with a permanently mounted electrical PowerTraxx system. After unfolding the tracks and extending the lead handle just push a button to go up or down the stairs.

With one battery load a 110 kg patient can be transported over approximately 800 stairs.

Transportation downstairs is also possible without using the power, no lifting necessary.

Easy maneuverability even in confined spaces thanks to swivel wheels at the front and 4 positions of adjustable lead handle.

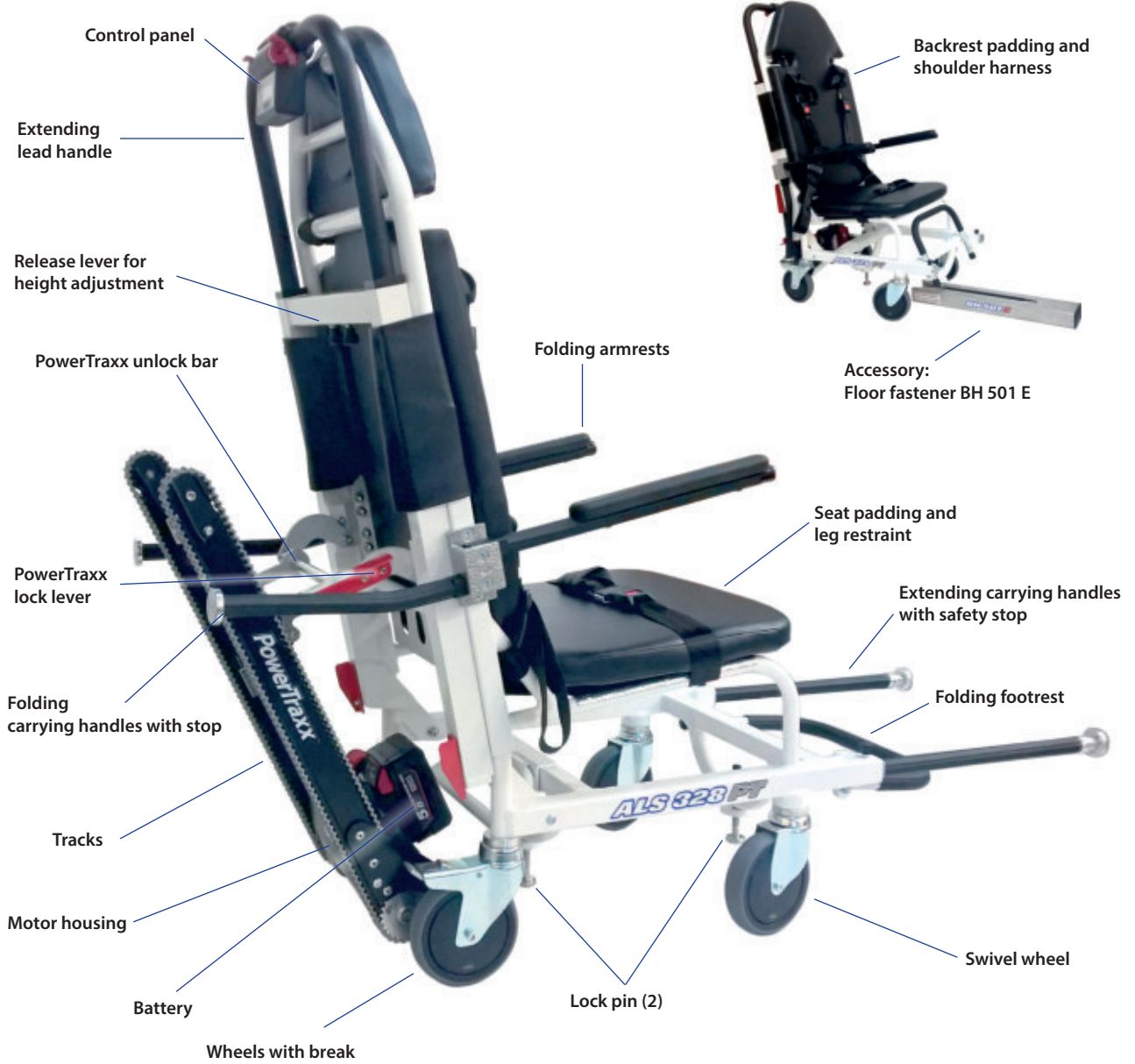
In combination with the floor fastener BH 501 E or BH 501 M patients can be transported in this chair in seating position inside the ambulance.



PATIENT TRANSPORT

Features:

**Safe, comfortable patient transport
over stairs,
reducing back injuries.**



SPECIFICATIONS

	Length handles extended	Length handles retracted	Width	Height	Seat height	Weight	Load capacity max.
ALS 318 PT	1 420 mm	860 mm	570 mm	1 240 mm	450 mm	36.6 kg	150 kg
ALS 328 PT	1 420 mm	860 mm	570 mm	1 250 mm	460 mm	36.6 kg	150 kg



ALS 318 PTX
ALS 328 PTX

**PowerTraxx Carrying Chairs
with Detachable Tracks
ALS 318 PTX / ALS 328 PTX**

Stair track can be easily removed from the chair to reduce the weight for the operators when the chair needs to be carried on its own. In the ambulance the PowerTraxx system can be stored in wall fixation WH-PTX. When the tracks are needed they can be clicked to the carrying chair again.

Standard features:
as ALS 318 / ALS 328

Available Versions:
ALS 318 PTX with 500 mm seat height
ALS 328 PTX with 10 mm height-kit

Accessories:
Floor Fastener BH 501 E, with electrical release
Floor Fastener BH 501 M, with mechanical release
Wall Fixation WH-PTX for PowerTraxx system

Important:
Carrying chairs ALS 318 PTX and ALS 328 PTX are tested and approved in combination with floor fastener BH 501 E and BH 501 M.



Carrying chairs with PT or PTX may not be used in a row inside the ambulance .

SPECIFICATIONS

	Length handles extended	Length handles retracted	Width	Height	Seat height	Weight	Load capacity max.
ALS 318/328	1 420 mm	860 mm	570 mm	1 240/1 250 mm	450/460 mm	25 kg	150 kg
	Height	Width	Depth	Weight w/o battery			
PTX	740 mm	390 mm	125 mm	12 kg			

PATIENT TRANSPORT

Floor Fastener BH 501 E

This fastener can be used with all utila carrying chairs except model BTS 918.

Standard features:

- stainless steel housing components
- automatic locking when loading chair into fastener
- electric and manual release button
- plastic protection for lock pins



20 g Crashtest!



BH 501 E



Wall Fixation WH-PTX

Wall fixation for securing detachable PowerTraxx system of carrying chair ALS 318 PTX or ALS 328 PTX in the ambulance.

10 g Crashtest!



Charger/Battery



Milwaukee® charger and battery

ALS 328 F

Airport Carrying Chair ALS 328 F

This chair is the small version of model ALS 328 to fit into the narrow aisle of an airplane. The chair weighs only 18.5 kg and is easy to handle.

Patients can be transported in this chair in seating position inside the ambulance in combination with floor fastener BH 501 E or BH 501 M.

Safe, comfortable patient transport over stairs, reducing back injuries.



Standard features:

- welded lightweight aluminium frame construction
- white powder coating, at additional cost other RAL colors possible
- two telescoping front handles with safety stop, two folding rear handles (two attachable rear handles on PT-version), all handles with anti slip coating
- folding footrest with anti slip aluminium plate
- two 150 mm front swivel wheels, and two 150 mm rear swivel wheels with brake (optional directional wheel lock)
- PT-version with two fixed rear wheels and two front swivel wheels with brake
- integrated headrest
- welded seat padding, black
- 4-point restraint system and leg restraint standard in red, also available in black or blue
- lock pins for floor fastener BH 501 E or BH 501 M

Available versions:

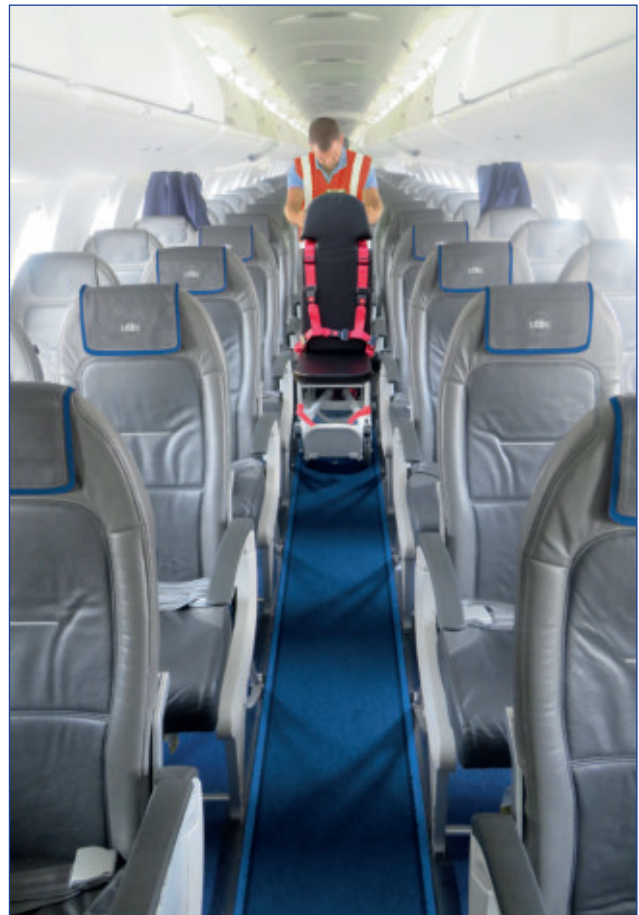
- ALS 388 F without PowerTraxx
- ALS 328 F-PT with fixed PowerTraxx

Accessories:

- Floor Fastener BH 501 E, with electrical release
- Floor Fastener BH 501 M, with mechanical release

Important:

Carrying chairs ALS 328 F and ALS 328 F-PT are tested to latest EN specifications in combination with floor fastener BH 501 E and BH 501 M.



PATIENT TRANSPORT

ALS 328 F-PT



Carrying chairs with PT may not be used in a row inside the ambulance .

Airport Carrying Chair ALS 328 F-PT with PowerTraxx

Standard Airport Chair ALS 328 F equipped with PowerTraxx system. Just push a button for going up or down the stairway.

Patients can be transported in this chair in seating position inside the ambulance in combination with floor fastener BH 501 E or BH 501 M.



SPECIFICATIONS

	Length handles extended	Length handles retracted	Width	Height	Seat height	Weight	Load capacity max.
ALS 328 F	1 450 mm	800 mm	370 mm	1 230 mm	460 mm	18.5 kg	150 kg
ALS 328 F-PT	1 640 mm	850 mm	370 mm	1 230 mm	460 mm	36.0 kg	150 kg

ALS 428



NEW: Secured lying position

Carrying Chair ALS 428

The carrying chair ALS 428 is foldable for space saving storage inside the ambulance. For patient comfort or patient treatment outside the ambulance, the carrying chair ALS 428 can be secured in a lying position. The lying position is not to be used for transportation inside the ambulance.

Standard features:

- welded lightweight aluminium frame construction
- white powder coating, at additional cost other RAL colors possible
- two front and two rear telescoping handles with anti slip plastic coating and safety stop, two rear folding handles with anti slip plastic coating
- folding armrests
- folding footrest with anti slip plastic coating
- two 150 mm fixed front wheels, and two 150 mm rear swivel wheels with brakes (optional directional wheel lock)
- integrated headrest
- welded seat padding, black
- 4-point restraint system and leg restraint standard in blue, also available in black or red
- lock pins for floor fastener BH 501 E or BH 501 M

Accessories:

Floor Fastener BH 501 E, with electrical release
 Floor Fastener BH 501 M, with mechanical release

Important:

Carrying chair ALS 428 is tested and approved in combination with floor fastener BH 501 E and BH 501 M.

NEW! Patients can be transported in this chair in seating position inside the ambulance in combination with floor fastener BH 501 E or BH 501 M. No patient transfer necessary.

The folded chair can also be stored in the BH 501 E or M fastener at the wall of the ambulance or an equipment compartment.



Safety locks prevent telescoping handles from slipping out when chair is folded

SPECIFICATIONS

	Length handles ext.	Length ready to use	Length folded	Width	Height ready to use	Height folded	Seat height	Weight	Load capacity max.
ALS 428	1 610 mm	820 mm	1 100 mm	580 mm	1 240 mm	450 mm	480 mm	23.5 kg	150 kg

PATIENT TRANSPORT



Carrying Chair / Seat Combination BTS 918

The carrying chair / seat combination BTS 918 was developed because of the limited space available inside the ambulance.

Outside the vehicle, the carrying chair / seat combination BTS 918 is used in the usual way to transport patients and to bring them to the vehicle.

NEW! Inside the vehicle, the carrying chair / seat combination BTS 918 can be used as a caretaker seat in front of the stretcher or for transporting patients in seated position.

With the locking axis at the back of the backrest frame, the folded or unfolded carrying chair / seat combination BTS 918 is securely locked in the optional available wall fastener WH 918.

Is the carrying chair / seat combination BTS 918 not needed, it can be folded to save space.

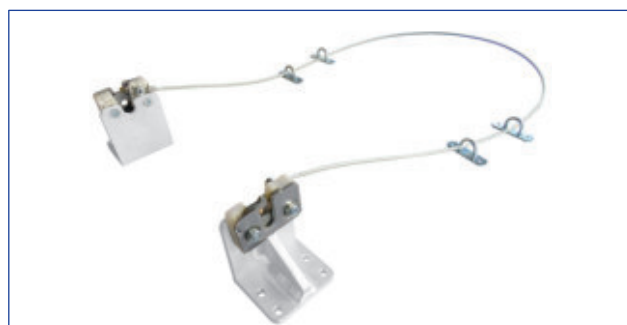
Standard features:

- welded lightweight aluminium frame construction
- white powder coating, at additional cost other RAL colors possible
- two front telescoping handles with anti slip plastic coating and safety stop, two rear folding handles with anti slip plastic coating
- folding armrests
- folding footrest with anti slip plastic coating
- two 150 mm fixed front wheels, and two 150 mm rear swivel wheels with brakes (optional directional wheel lock)
- integrated headrest
- welded seat padding, black
- 4-point restraint system and leg restraint standard in blue, also available in black or red

Wall fastener WH 918

The wall fastener WH 918 has been especially designed to securely lock the carrying chair / seat combination BTS 918 inside the vehicle during transport.

The locking axis on the backframe of the carrying chair / seat combination BTS 918 is locked in the wall fastener. To release the carrying chair / seat combination BTS 918, simply pull the sheathed cable up a little.



SPECIFICATIONS

	Length handles extended	Length ready to use	Height folded	Width	Height	Seat height	Weight	Load capacity max.
BTS 918	930 mm	600 mm	340 mm	560 mm	1 320 mm	530 mm	17 kg	150 kg

ACCESSORIES

Backrest Padding RTP 318

Additional padding mounted to the upper frame, for ALS 318 and ALS 328.



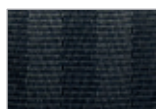
Backrest Padding RTP-PT

Like RTP 318, but for carrying chairs PT / PTX.



Patient Restraint two-piece style

with push button, black, blue or red



black
410140



blue
410144



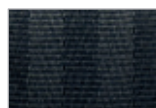
red
410145



Patient restraint 410140, two-piece style

Patient Restraint one-piece style

with push button, black, blue or red



black
410141



blue
410146



red
410147

Shoulder Harness / Leg Restraint

The shoulder harness / leg restraint is optional available for all utila carrying chairs in black, blue or red.



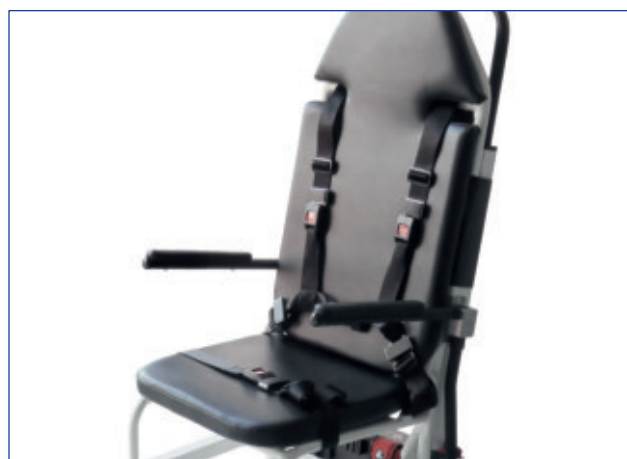
black
0312360



blue
0312362



red
0312361



Shoulder harness 0312360 and patient restraint 410141

ACCESSORIES

Additional Swivel Wheels MP-S 1

Two swivel wheels instead of stationary front wheels, without brake, without directional wheel lock. Available for all standard versions as option, standard on chairs with track system.



Floor Fastener BH 501 M

This fastener can be used with all utila carrying chairs except model BTS 918.

Standard features:

- stainless steel housing components
- automatic locking when loading chair into fastener
- manual release button
- plastic protection for lock pins



Retrofit-Kits PowerTraxx PT / PTX

Available for standard versions of ALS 318 / ALS 328 chairs without tracks.



SAFETY FOR OPERATOR AND PATIENT

TÜV Rheinland tested and approved

utila Carrying Chairs are Medical Devices and have to undergo strong tests to conform to the current regulations in the EU. The new chairs are tested according to EN 1789:2007+A2:2014, Rescue service vehicles and their equipment - ambulances; section 4.5.9 checking the holding systems and attaching the equipment in an ambulance.

Tested according to UN Regulation 17/08 - Resistance of the seat anchor and the adjustment, locking and adjustment devices „20g/30ms“.

utila Carrying Chairs are made from aluminum, a lightweight and solid construction. The maximum load capacity is 150 kg. Seat paddings are welded, easy to clean and resistant against disinfection fluids. Standard padding colour is black.

All utila Carrying Chairs (except BTS 918) are equipped with two strike pins to lock into Floor Fixation BH 501 E and tested in combination with the fixation.

Please see following safety instruction!

The standard restraints on utila Carrying Chairs are only for securing the patient during transport outside the ambulance.

During transportation in the ambulance please use vehicle mounted safety restraints following your national rules and regulations.





utila Carrying Chairs Models ALS 118 / 128 and ALS 318 / 328, and also the PTX versions are tested in combination with the utila Floor Fastener BH 501 M and BH 501 E.

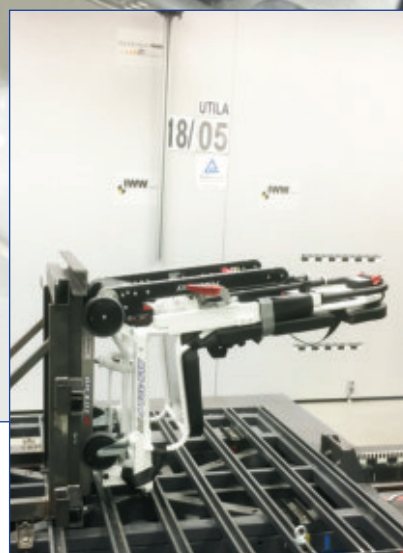
Also tested: Wall Fixation WH-PTX.

SAFETY FOR OPERATOR AND PATIENT

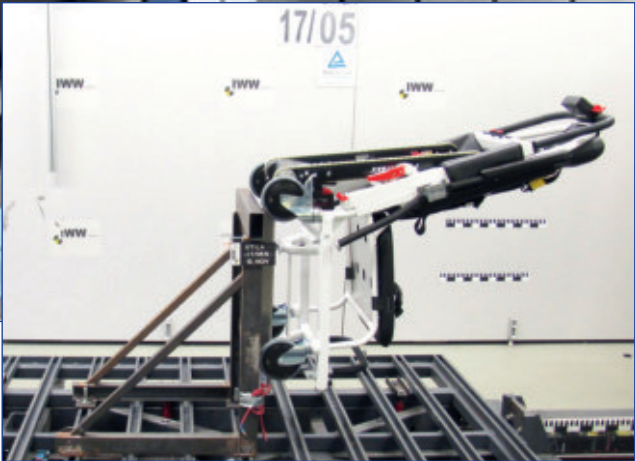


**10 G / 20 G -
sounds hard ...
... what utila chairs have to undergo.**

**Crash forward, backward,
from the side and
turn over of the ambulance
are simulated and tested.**



SAFETY FOR OPERATOR AND PATIENT



RESCUE AND EVACUATION

Rescue Sheet 4028 EN

Strong PVC-material with 6 carrying handles. For use in narrow stair cases or rough territory.

Accessory: carry case 4029



Heavy Duty Rescue Sheet 4028 XL

Strong PVC-material with 24 carrying handles. For use in narrow stair cases or rough terrain. Specially designed for bariatric persons.

Standard: protection bag



Heavy Duty Rescue Sheet 4028 XL-F

Strong PVC-material with 14 carrying handles. For use in narrow stair cases or rough terrain. Specially designed for bariatric persons.

A footpocket prevents patient from slipping out of rescue sheet during transport over stairs or uneven terrain.

Standard: protection bag



SPECIFICATIONS

	Length	Width	Height	Weight	Load capacity max.
4028 EN	1 950 mm	700 mm	5 mm	1.3 kg	250 kg
4028 XL	2 580 mm	1 400 mm	7 mm	3.5 kg	350 kg
4028 XL-F	2 580 mm	1 400 mm	10 mm	4.5 kg	350 kg

PATIENT TRANSPORT

Patient Rain Protection PU

Bacteriostatic patient rain protection, especially for seated patients. Suitable for all utila and Ferno chairs.

The temperature is absorbed and maintained by thermal fibers inside. In this way, the patient can be transported warm on cold days, dry on rainy days, and always comfortably even during long journeys.

The integrated hood also keeps the patient's head warm and protected from wind, rain and snow.

The zipper is waterproof and allows the patient's rain protection to be opened completely.

The patient rain protection made of coated polyester is water-repellent, breathable, soft and comfortable and easy to carry with a weight of approx. 1.2 kg. It corresponds to fire resistance class M1 and can easily be disinfected with decontamination spray and wipes or washed in the washing machine up to 95 ° C.



SPECIFICATIONS

	width	length	color	weight
Patients Rain Protection PU	1 500 mm	1 450 mm	royal blue	1,2 kg

PATIENT TRANSPORT



2018 R **RTH-SCHERENHUBTISCH**

Stretcher Transporter 2018 R

The hydraulic X-frame Stretcher transporter is based on our lifting tables, but has been modified specifically for loading and unloading rescue helicopters. The transporter is designed not only to accelerate the process of loading and unloading, but also to make it safer for both the patient and the operator.

The operator moves the transporter against the helicopter with the curved side that fits the helicopter shape, the height is then adjusted to match the height of the patient compartment, the transporter wheels are centrally locked and the stretcher can now be loaded or unloaded without the risk of getting stuck in gaps or other obstacles.

The extra wide wheelbase ensures that the transporter will not tilt over during loading and unloading or during patient transport, in particular on uneven terrain.



max. load capacity
300 kg

Stretcher Transporter 2018 R
with directional wheel locks.
Safe loading and unloading
of rescue helicopters!

Stainless steel
stretcher table,
steel tube sub-frame,
white powder coating.

PATIENT TRANSPORT

Transporter safety features

At the top end, an adjustable flip-up stop-plate prevents the stretcher from rolling off the table. Once adjusted, the stop-plate can be locked in place. These safety devices are available for all stretcher types commonly used with rescue helicopters.

The stop-plate is easily unlocked by pulling a latch.

If the stretcher is fitted with lock pins at the foot end, these will automatically be guided into the openings provided to prevent sideways sliding.

Vertical adjustment by foot pedal: raising the transporter from its lowest position (bed position) to helicopter loading height requires only a few pumping actions.

The stretcher transporter uses quality antistatic wheels with a 200 mm diameter and a 40 mm tread width. Directional wheel lock is standard feature of the model 2018 R

The solid rubber tires are always fully operational. The foot lever for the central locking is large and easy to operate.

Oxygen bottle holder available as accessory.



Static load test on the prototype



The storage tray on the sub-frame is included as standard



Anodized aluminium guide handles and equipment rails on all sides of the transporter are included as standard

SPECIFICATIONS

	length	width total	width platform only	height max.	height min.	weight	load capacity max.
2018 R	2 320 mm	750 mm	570 mm	1 080 mm	730 mm	approx. 105 kg	300 kg

height dimensions to stretcher table level (excluding footrest)



PROFESSIONAL PATIENT TRANSPORT

Made in Germany

utila Gerätebau GmbH + Co. KG
Zobelweg 9
53842 Troisdorf

Telefon +49 2241 9483 0
Fax +49 2241 9483 25

info@utila.de
www.utila.de



On-Site Demonstration

Ask your local dealer for a demonstration of all our new and exciting products which helps to avoid back injuries.

