



UTILA AVIATION GROUND SERVICE PRODUCTS

## PARTNER FOR PROFESSIONAL PATIENT TRANSPORT

### Consultation and demonstration

If you would like advice or would like to see products before making a purchase decision, one of our medical device advisors will be happy to come to you.



**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

RTH hydraulic X-frame Stretcher transporter were developed in cooperation with leading air rescue operators in 2010 to improve the safe and work-saving loading and unloading of rescue transport helicopters.

In the meantime there have been further developments that we present in this brochure.

**MADE IN  
GERMANY**



The models shown in this catalog are medical devices.

©2022 utila Gerätebau GmbH + Co. KG.  
We reserve the right to make technical and editorial changes.

## RTH STRETCHER TRANSPORTER 2018 R



Optional: 2018 AFP  
Locking plate at the foot end with foot pad

\* for international sales product labels available in english

## SAFE LOADING AND UNLOADING

### RTH Stretcher Transporter 2018 R

The RTH 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**

#### 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.

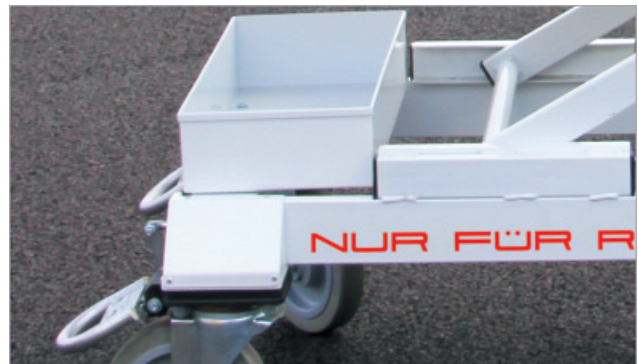
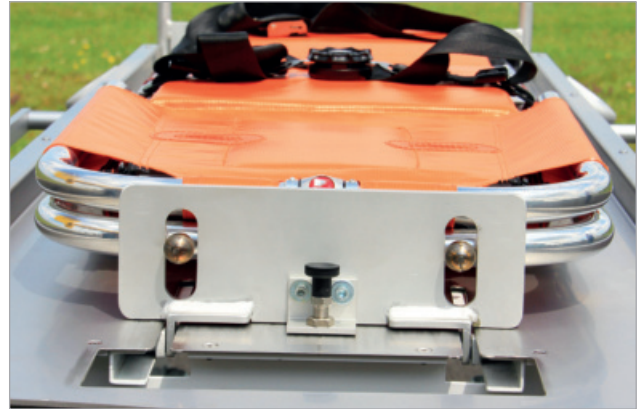
The stop-plate is easily unlocked by pulling a latch.

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 anti-static 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.



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

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

#### SPECIFICATIONS

	length	width total	width platform only	height max.	height min.	weight	load capacity max.
2018 R	2320 mm	750 mm	570 mm	1080 mm	730 mm	approx. 105 kg	300 kg

height dimensions to stretcher table level (excluding footrest)



## 2018 R



Parking brake control handle (on each wheel)

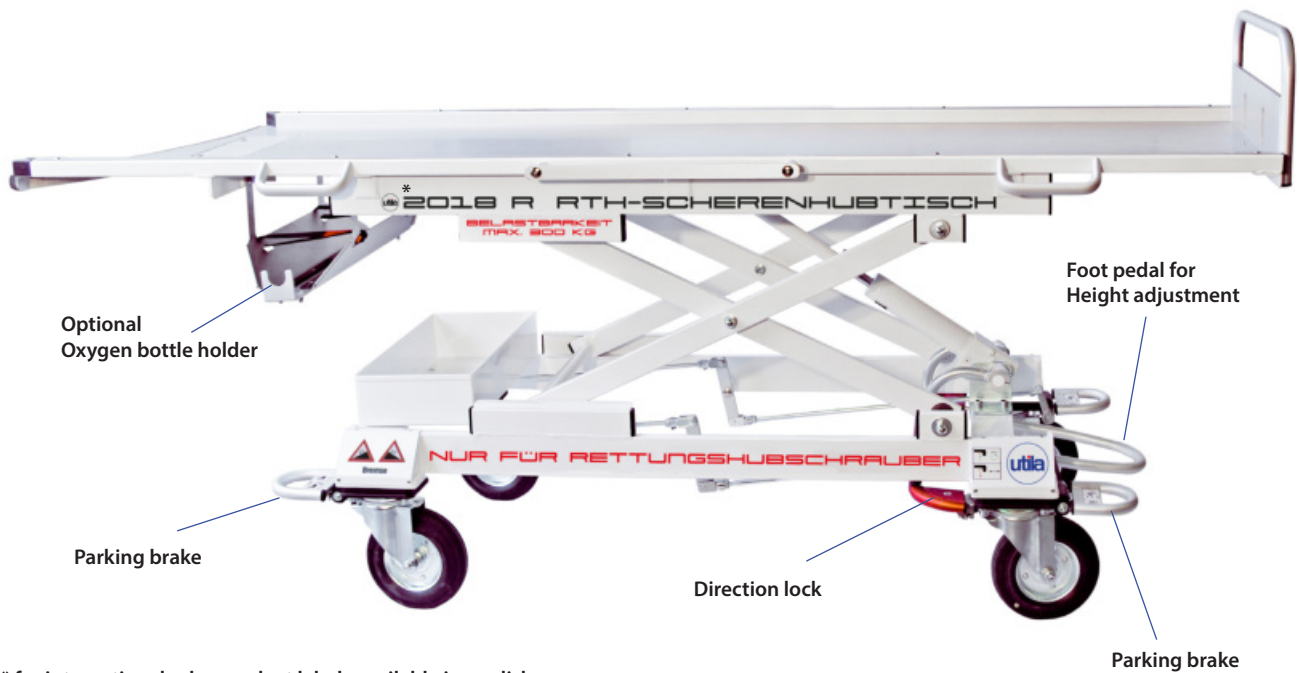


Height adjustment control handle



Direction lock  
also as retrofit kit 2018 NRS-R  
for RTH Stretcher transporter 2018

## 2018 R



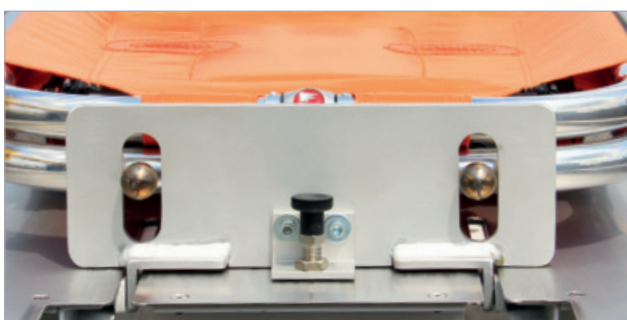
\* for international sales product labels available in english



Optional: 2018 AW  
Storage tray extra big



Head end with double-lip impact rubber and raised mounting plate



Stretcher 12-2 secured with the mounting plate



Optional: 2018 AFP  
Locking plate at the foot end with foot pad



## RAL colors

The frames of the utila carrying chairs and stretcher tables are powder-coated in white as standard. Upon request, you can also receive your product from us in all RAL colors.

A small surcharge will be charged for the color change.



## 2018 RH WITH SUSPENSION PATIENT POSITIONING

### RTH Stretcher table

# 2018 RH



The RTH stretcher table 2018 RH is based on the 2018 R model, but is equipped with a stretcher mount with fully automatic air suspension.

#### Comfort for the patient

Known from the rescue service in ambulances and emergency ambulances. The fully automatic air suspension absorbs up to 80% of the incoming vibration energy, depending on the nature of the ground. As a result, the patient is optimally protected from vibrations or shocks, without the well-known nausea caused by large oscillation paths.

There is also no side inclination when cornering or nodding in the patient's head area when braking.

Fully automatic weight adjustment and optimal suspension of the patient's weight. Optimal combination of high quality stainless steel and light aluminum.

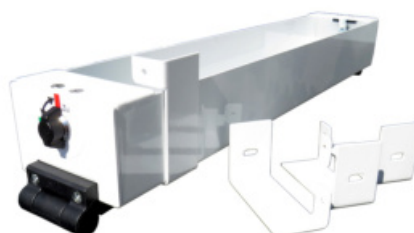
Easy maintenance, easy to clean.

Integrated compressor or in a hermetically sealed external box, 12 volts, 25 amps.



### 2018 PPB Push Pole Box for Push Poles set 2018 PP

optional storage box,  
with fasteners



## FEATURES

## 2018 RE



### Switchable

If necessary, the drive unit can be switched on and, when not in use, without contact with the ground.



### Retrofit

Also available as a retrofit kit for the 2018 R hydraulic X-frame Stretcher transporter.



### Fast thrust

The drive unit starts up quickly and safely even under high loads.



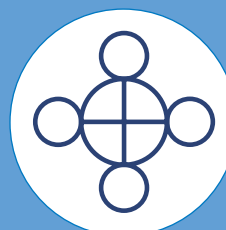
### One-button operation

Ergonomic handle with one-button operation and integrated LED display for system and battery status.



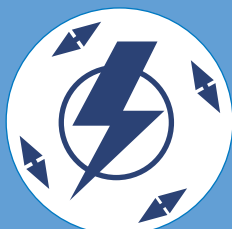
### High contact pressure

Thanks to the high contact pressure with a compensation function for uneven surfaces, you always have optimal ground contact.



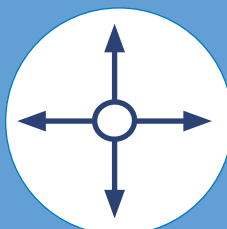
### User friendliness

User-friendly and flexible vertical or horizontal installation of the hand control unit.



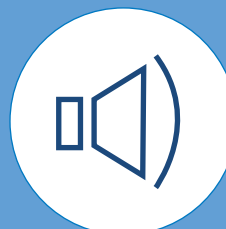
### Safety-tested drive switch

Stepless speed regulation for forward and reverse running by means of a safety-tested drive switch.



### Increased driving stability

Increased driving stability in curves and when simply running straight ahead, especially on long routes.



### Quiet running noises

Low-noise rolling thanks to the special coated wheels.

# 2018 RE

## e-DRIVE FLEX

### Thrust max. 25 daN

The drive unit works like a fifth wheel and offers perfect directional stability even when using four swivel wheels.

The system is activated via the control unit by pressing the button on the handle. The drive unit lowers and is ready for use. The stepless speed regulation (forwards and backwards) enables optimal use.

The energy required is supplied by a powerful, rechargeable battery. You can choose between lithium-ion or lead-gel battery technology. The system is activated and deactivated with the push of a button. As soon as the drive unit is raised, the hydraulic X-frame Stretcher transporter has complete freedom of movement and can be maneuvered in tight spaces.

The housing of the drive unit is made of galvanized sheet steel. The robust construction also guarantees complete protection against splash water (IPX4).

The drive unit wheel is made of soft rubber that allows easy rolling and ensures a quiet working environment. The wheel also has shock-absorbing properties.

The operational safety of the e-Drive Flex control module has been tested and meets the requirements of the DIN EN 13849 standard.

### e-Drive Electric drive Retrofit kit 2018 NRS-ED

For hydraulic X-frame Stretcher transporter 2018 R, with assembly parts. Attachment only possible in our factory.





## iNTRAXX BRACKET ON UTILA STRETCHER TABLE



**2018 IB**  
**iNTRAXX Perforated rail**  
 For Stretcher transporter 2018 R,  
 with attachment- and fastening parts

## 2018 AM ADAPTER MODULE FOR SIDE DOOR



**2018 AM**  
**Adapter module for H 135 helicopters**  
 for loading and unloading through  
 the side door, with fastening parts



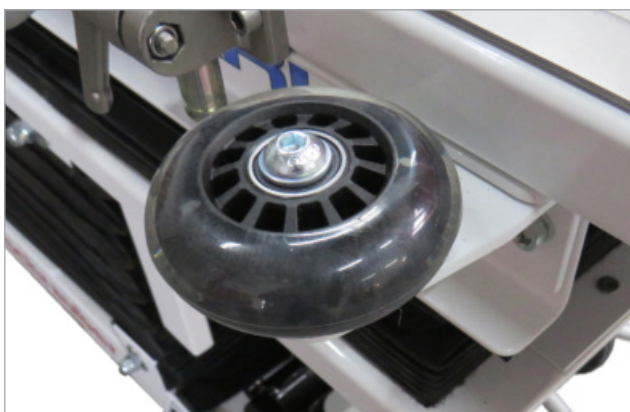
**MAINTENANCE AND SERVICE**  
ensure that your devices function properly.

## EQUIPMENT RTH STRETCHER TRANSPORTER 2018 R



### 2018 SF Oxygen bottle holder

for Stretcher table 2018 R, with fastening parts



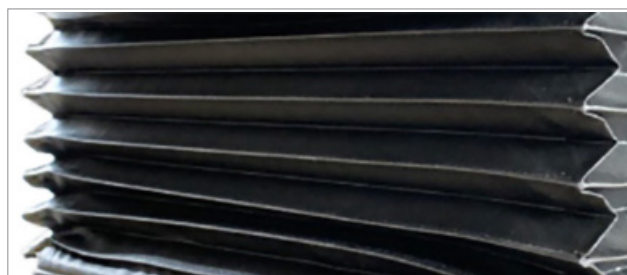
### 2018 AR Bumper-wheels set (4 pieces)

for Stretcher table 2018 R, with fastening parts



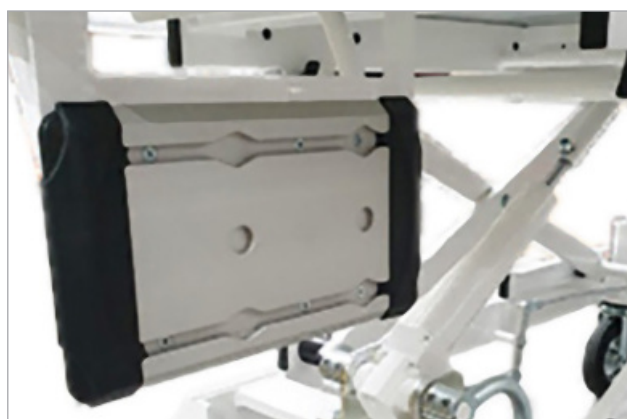
### 2018 GB Strap attachment set

(4 pieces) for attaching additional straps to the Stretcher table 2018 R, with two patient restraints and fastening parts



### 2018 FB Bellows frame cladding

for Stretcher table 2018 R, with fastening parts



### 2018 IB iN|TRAXX Perforated rail

for Stretcher table 2018 R, with attachment- and fastening parts



### 2018 PP Push poles set (2 pieces)

for Stretcher table 2018 R, with fastening parts



UTILA AIRPORT CARRYING CHAIR





## UTILA AIRPORT CARRYING CHAIR



utila carrying chairs are medical devices that are subject to strict rules. This is regulated in the Medical Devices Act (MPG) and further specified in the Medical Device Operator Ordinance (MPBetrV).

To ensure that you, the operator, are on the safe side, we carry out the tests prescribed by DIN EN 1789 and 1865. In addition, other tests were carried out, e.g. UN Regulation No. 17/08. In this way, you receive safe products from us that guarantee you good everyday patient transport services.

Our 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.

## AIRPORT CARRYING CHAIR

# ALS 328 F

### Airport Carrying Chair ALS 328 F

The airport carrying chair is the small version of model ALS 328 and fits 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.

#### Standard features:

- welded lightweight aluminum 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 aluminum 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.



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

## ALS 328 F-PT



### 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.

**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 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

## SAFETY FOR OPERATOR AND PATIENT: EN - TEST - TÜV - MPG



**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: EN - TEST - TÜV - MPG



## EQUIPMENT

### Floor Fastener BH 501 M / BH 501 E

When it is pushed in, the automatic locking secures the carrying chair as soon as the end position in the floor fastener is reached. With the BH 501 M version the lock is released by pressing the red button, with the BH 501 E version the lock is released electrically by pressing a switch.

If the electrical system fails, the floor fastener can be unlocked manually.

Integrated plastic guides prevent unwanted abrasion of the locking pins in the rail.



20 g Crashtest!

### Backrest Padding RTP 318 PT

Additional padding on the upper frame of the carrying chair for a more comfortable handling when carrying.

### Patient Restraint two-piece style

with push button.

Black	410140
Blue	410144
Red	410145

### Patient Restraint one-piece style

with push button.

Black	410141
Blue	410146
Red	410147

### Shoulder Harness / Leg Restraint

Optional the shoulder harness / leg restraint is available for all utila carrying chairs.

Black	0312360
Blue	0312361
Red	0312362

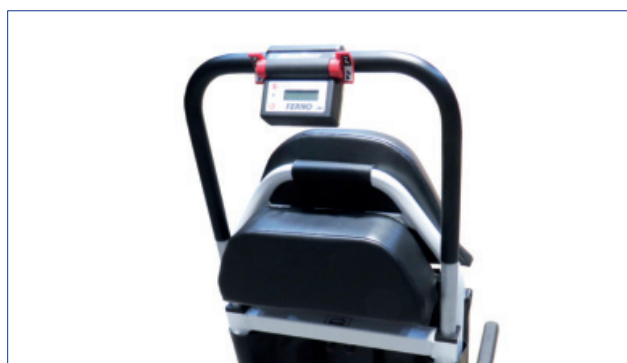
Two-piece, one-piece restraints and the shoulder harness / leg restraint are available in black, blue or red.



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



Floor fastener BH 501 M on the right, BH 501 E on the left



Backrest Padding RTP-PT



Patient Restraint 410140, two-piece style



Shoulder Harness 0312360 and leg restrain 410141

## DEMONSTRATION



## SOME LIKE IT COLORFUL



## We bring color into the game

Unlike Henry Ford back then, a utila carrying chair cannot be ordered in just one color. The customer can choose one of the many RAL colors.



## Individual labeling

is also possible for a small surcharge.



## AIRPORT CARRYING CHAIR ALS 328 F-PT





**BY PROFESSIONALS FOR PROFESSIONALS**



## Consultation and demonstration

If you would like advice or would like to see products before making a purchase decision, one of our medical device advisors will be happy to come to you.

utila Gerätebau GmbH + Co. KG  
Zobelweg 9  
53842 Troisdorf

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

[info@utila.de](mailto:info@utila.de)  
[www.utila.de](http://www.utila.de)



**UTILA AVIATION GROUND SERVICE PRODUCTS**