

# User's Guide



# swifi



*Model Shown : 30130-02 / 30130-02L*



**Transfer Chair**  
**30130-02 / 30130-02L**

# Product Identification

*Model Number :*

*Serial Number :*

*Date of Purchase :*

*Name of Owner / Facility :*

*Name of Dealer :*

*Dealer's Phone Number :*

*Midmark Europe Authorized Service Company :*

## Legal Notice

MIDMARK EUROPE  
22, rue de Saint-Denis  
B.P. 26 - 53500 ERNÉE Cedex  
FRANCE

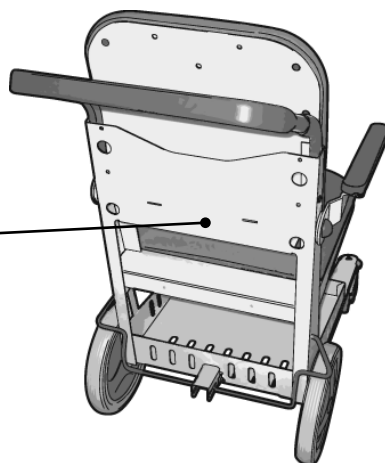
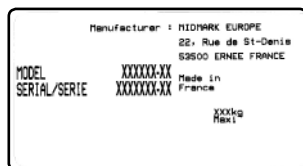
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[www.midmark.com](http://www.midmark.com)

The descriptions and specifications contained in this Operating Manual are deemed correct at the time of printing.

**Midmark Europe**, however, reserves the right to modify its models and its procedures or render them obsolete without notice.

Before any order, we recommend that our customers consult a local sales manager.

## Type plate



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# Important Information

## Safety symbols



### Warning sign

The information marked with this symbol must be read and strictly followed !

### Note

Procedure, practice, or condition.



Proper shipping orientation



Keep dry



Fragile



Maximum stacking height (palletted units)



General safety awareness



Refer to user guide/  
operator manual



CE marking



Do not use the footrest  
as a step



Do not sit on the  
armrests



Do not sit on the  
leg-rest



### Warning

The warning pictograms and signs installed by the manufacturer must not be removed ! The manufacturer's responsibility is cancelled if these signals are removed.

# Precautions when unpacking

## Material delivered in cardboard packaging

- *Small, lightweight, easy to handle material*

In this case, the products can be easily handled without any lifting gear, taking care to position the product according to the directional arrows on the packaging.

In the absence of arrows indicating the top and bottom, use the position of the various product identity labels which are always placed at the top.

- *Heavy or cumbersome material requiring the use of lifting gear*

In this case, it is possible to use a fork lift truck, provided it is used correctly.

Before moving, ensure the material is properly positioned, and that the load is evenly balanced.

## Products delivered on wooden pallets

Products placed on a wooden pallet may easily be moved using a forklift truck, provided this is used correctly. Before moving, ensure the truck is correctly positioned in relation to the pallet, and that the whole is stable.

Take additional caution when handling very tall or high articles (eg. cupboards).

## Storage condition

Ambient Temperature Range :

Relative Humidity :

Atmospheric Pressure :

-5 °C to +38 °C (+23 °F to 100 °F)

10 % à 90 % (non-condensing)

0.5 bar to 1.05 bar (500 hPa to 1050 hPa)

The following conditions must be observed when storing any material :

- The area must be clean, well ventilated and be of a normal temperature.
- Store products away from the elements, and away from direct sunlight.
- The area must not be damp.

– The products must not be subject to bumps or jolts.

– Do not store in an area where people are likely to pass.

– Articles must not be stacked on top of each other.

– Articles must remain in their original packaging until final delivery.

## Unpacking / Installation

When installing, remove all staple clips and carefully remove the cardboard packaging. Fragile parts of the product (upholstery coverings, plastic casings, etc.) may be just below the packaging. Care must be taken with cutting instruments.

Once the packaging has been removed, remove any remaining protective covering.

In the case of packaging on a wooden pallet, remove the packaging as above. Depending on the model, the product is fixed either by screwed flanges, or by nailed wooden stakes. Use a spanner (for metal flanges). Use a claw hammer (for wooden stakes). Lift the article off the pallet, and remove the remaining protective covering. The product is now ready for use.

## Verification

After unpacking the device, follow the steps below :

Check the delivery documents to make sure that the consignment is complete.

Check the external components and look for possible transport damage.

Check that the package contains the device, the accessories and options, the power cord (*if electric DM*) and the Operating guide.

**Note :**

***Authorized CE representative***

Countries in the EEC should direct all questions, incidents, and complaints to Midmark Europe's Authorized CE representative listed below :

Midmark Europe  
22, Rue De St. Denis  
53500 Ernée,  
FRANCE  
Téléphone : + 33 (0)2 430 517 76  
Fax : + 33 (0)2 430 572 00



## Warning

You must read the installation instructions, technical instructions, and instructions for use before handling this equipment. The instrument must be used only for the specific purpose for which it is designed, and which is described in our literature. The assembly and connection to the mains must be carried out by qualified personnel.

Under no circumstances must electrical parts (motor, unit housing the electrical control systems, control unit, adaptor etc.) be opened. MIDMARK EUROPE cannot be held responsible for any damage resulting from the instructions not being followed.



**Any modification of the DM without the manufacturer's written authorisation is prohibited.**



**Caution**  
**Only those accessories allowed and provided by Midmark Europe for this DM may be used.**

## General maintenance

Apart from regular cleaning, our products do not require regular maintenance.

The mechanical parts used as blocking mechanisms (smooth arch, notched arch, ratchet mechanisms, etc.) do not require any specific attention. The gas springs on tables do not require any maintenance. Their shaft must be kept clean, must not be subject to jolts or hard knocks, and must not be cleaned with any corrosive products. The electric and hydraulic jacks do not require any particular attention.

The variable height tables, chairs and trolleys are equipped either :

- With arms fitted with self lubricating articulation rings.
- With telescopic bearing runners. In this case they should be lubricated once a year (particularly if the runners are noisy) with ordinary grease. (See the exploded drawings for access to the runners).

## Disinfection

This Medical Device must be regularly disinfected by products which qualify as Bactericides, Virucides and Fungicides.

## Maintenance Instructions

### *Painted surfaces (epoxy polyester finish)*

The use of ordinary cleaning products, eg. window cleaning products, is perfectly suitable for cleaning surfaces finished in epoxy polyester. **The following products are not recommended as they will damage these surface :**

#### – Solvents :

Petrol  
High-grade alcohols :  
– Aliphatics  
– Aromatics  
Ketones - esters  
Tri -perchlorethylene

#### – Bases :

10 % sodium  
10 % ammonium

#### – Acids :

30 % nitric  
30 % chlorhydric  
10 % citric

#### – Others :

Bleach  
Abrasive powders  
Any abrasive  
Cleaning product

## *Imitation leather coverings*

Use a damp cloth and soapy water (eg. household soap). For stubborn stains, dab, but do not rub, using a cloth soaked in white spirits or in a solution of water and alcohol (less than 30 % strength).

**It is not recommended to use the following :** Pure alcohol, acetone, perchlorethylene, trichlorethylene, all solvents and detergents, any abrasive cleaning agents, any kind of wax.

## *Stainless steel products*

**Cleaning and Maintenance :** For maintenance of stainless steel products, periodic cleaning of the surface is sufficient. This operation is necessary to keep the products clean, but is facilitated by the quality of stainless steel surfaces. A large range of products and cleaning methods may be used. The choice products method will depend on the nature of the marks or on the product content, and on the conditions of use of the stainless steel elements.

### *Cleaning agents*

**a) Detergent - washing liquids :** All types of detergents, washing liquids and commercial soaps may be used, provided they do not contain any chlorine products.

**b) Abrasive powders :** These products may scratch the stainless steel surface, thereby changing the way its appearance. They should therefore not be used.

**Flame retardant classification :** All our coverings class are M2 or M1. We can provide you with a manufacturers certificate on request.

**c) Solvent :** May be useful in getting rid of grease marks. The usual solvents (benzene, methylene chloride, white spirits etc.) as well as domestic or specially prepared industrial products may be used. Naturally their use requires certain precautions to be taken because of their flammable and toxic properties. Precautions must also be taken to avoid damaging adjacent materials which may be sensitive to their chemical action (paints, mastics, joints etc.).

**d) Acid products :** Vinegar (acetic acid) may be used to get rid of stains made by calcium deposits. Its contact with the surfaces must be of a very limited duration, and the surface must then be thoroughly and carefully rinsed with clean water. The use of chlorine based products could damage this equipment.

**e) Bases :** Not recommended.

**Others :** The use of steel wool or metal sponges could damage the surfaces of the products.

## *Chrome finished products*

**Cleaning and Maintenance :** It is through important, in order not to damage this protective coating, abrasive and / or corrosive products the use of. The use of commercial cleaning products, such as window cleaning products, are safe for chrome coated surfaces. If necessary, an appropriate disinfectant may be used on chrome (make sure the instructions are followed).

## *PVC and ABS products*

**Cleaning and Maintenance :** The use of commercial cleaning products, such as window cleaning products, are safe for PVC and ABS surfaces. To restore up an old or dull surface, plastic restorer products may be used. Please note that the use of any solvents or any abrasive products is could damage these surfaces.

## *Laminated elements*

**Cleaning and Maintenance :** As for PVC. Use window cleaning products.



## **Intended use**

This Medical Device is designed for transferring a patient in a sitting position, within a health establishment, by and under the surveillance of a health professional.

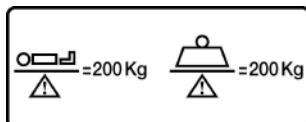
This appliance must not be installed in domestic premises.

## **Authorisation to use**

Only health professionals (doctors, caregivers) and/or qualified members of the technical staff can handle or use the couch.

Patients and companions must not intervene directly on the couch. They must not have access to the couch controls.

## **Patient weight capacity**



## **Features**

- 2 widths 47 or 60 cm
- Electrogalvanized steel frame with light grey epoxy finish
- Epoxy finished push bar
- Backrest and seat in class M1 flame retardant covering
- Patient file holder
- Clothes basket
- Adjustable arm rests
- Retractable footrest
- Rear castors ø 300 mm with centralized brakes
- Front castors ø 100 mm – ball bearing
- 58 cm seat height

*References 30130-02*

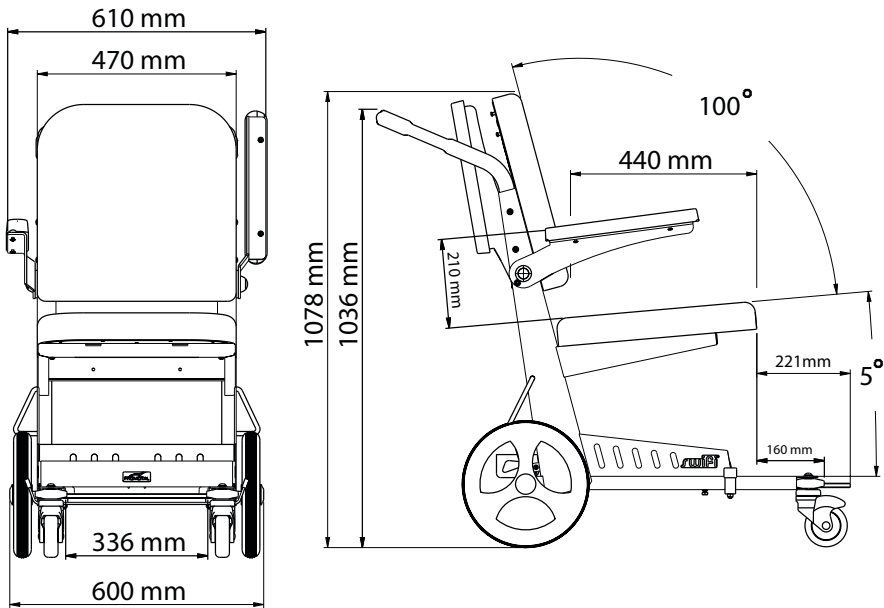


*References 30130-02L*

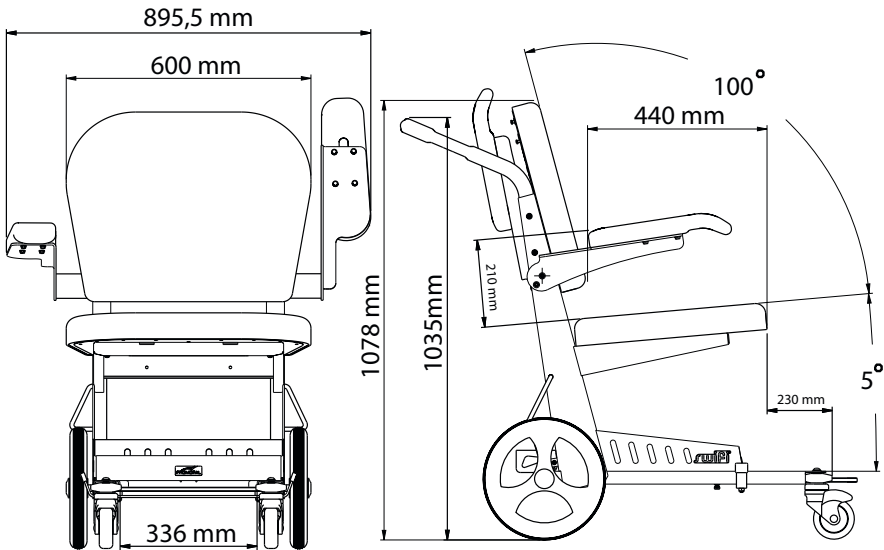


# User's Guide – Transfer chair

**Dimensions (30130-02)**



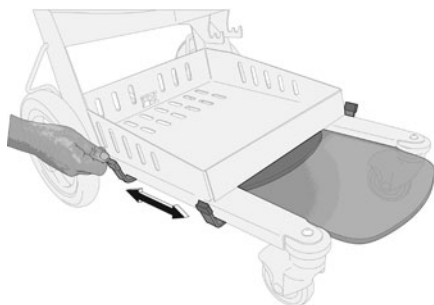
**Dimensions (30130-02L)**



# Using the Stretcher

## The foot rest

### *Adjusting the foot rest*

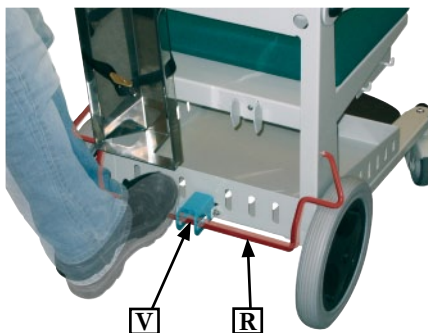


## The brakes

### *Using the brakes*

Press your foot on the brake pedal (red R). The back castors are blocked.

To unlock the brakes, press on the central pedal (green V). The castors are free.



## The arm rest

### *Adjusting the arm rest*



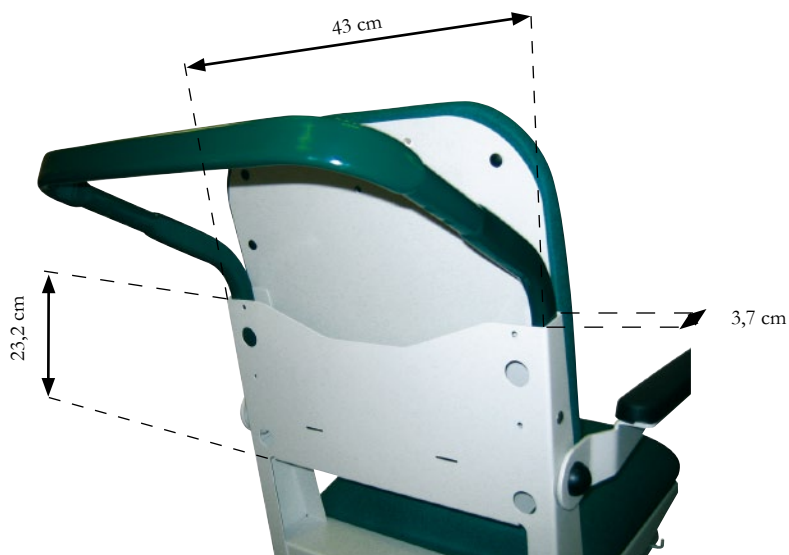
For safety reasons, and in order to avoid malfunctioning, no objects should be placed between the backrest and the moving arm rest of the chair.



# Using the Chair

## ***Patient file holder***

Dimension useful : 43 x 23 x 3,7 cm



## Urine bag support

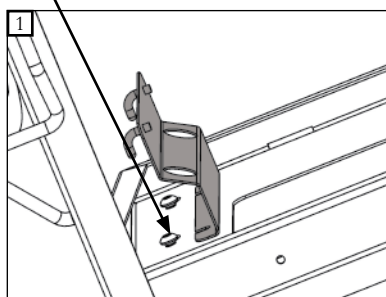
(reference 30140-01)

### Installing the urine bag support

Unscrew slightly the screws situated under the upholstery.

Insert the support and rescrew.

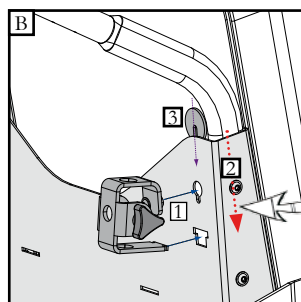
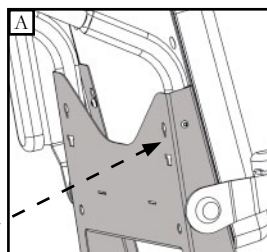
n°4 Allen key 



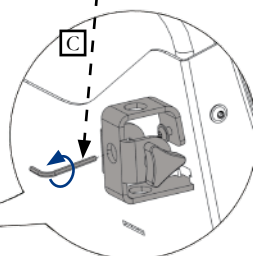
## Pair of clamps

(reference 30148-20)

### Installing the clamps



N°4 Allen key 



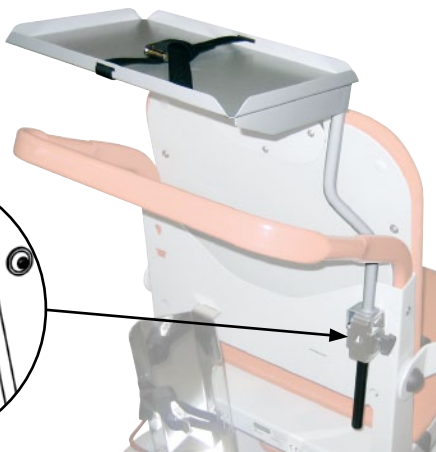
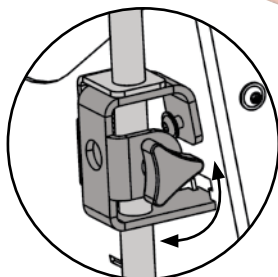
## Support tray

(reference 30142-01)

### Installing the Support tray

Unscrew the screw handle.

Insert the Support tray pole and rescrew.



**Caution**  
Clamps are necessary to install these accessories.  
(ref. : 30148-20)



The Support tray positions only on the right clamps of the chair.



Tighten screws before use

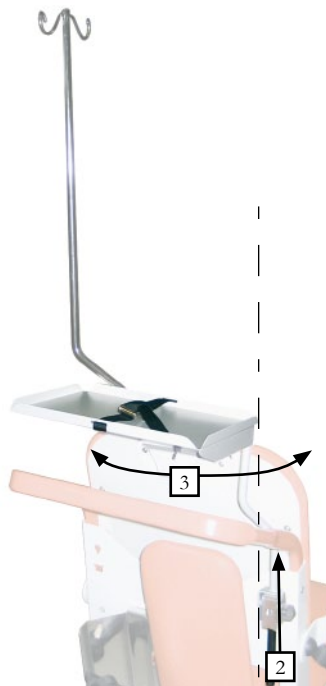
### Using Swing IV<sup>®</sup>

For use the Swing IV<sup>®</sup>;

1. Unscrew the screw handle,
2. Lift the Support tray,
3. Pivot 90°.

To pivot the Swing IV<sup>®</sup>. (indicated page 20)

To reposition the Support tray after the adjustment of the Swing IV<sup>®</sup>.





## I.V. pole with two hooks

(reference 30148-01)

### Installing the IV pole

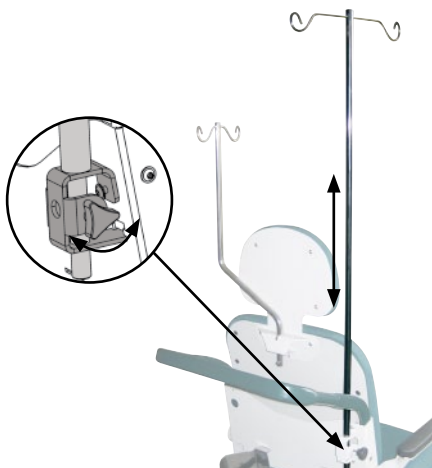
Hold the I.V. pole, and unscrew the screw handle.  
Adjust the pole sliding it into the holder. Tighten  
the screw handle.



**Caution**  
Clamps are necessary to install  
these accessories.  
(ref. : 30148-20)



**Tighten screws before use**

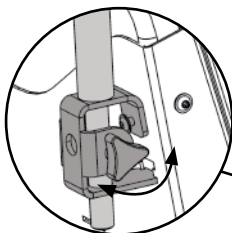


## Auto-blocking I.V. pole

(reference 2985-01)

### Installing the IV pole

Unscrew the screw handle.  
Insert the I.V. pole and rescrew.



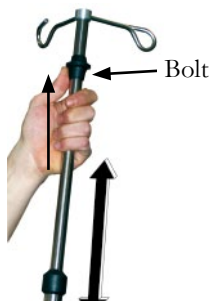
**Caution**  
Clamps are necessary to install  
these accessories.  
(ref. : 30148-20)



**Tighten screws before use**

### Adjusting the height of the IV pole

The IV pole has 1 sliding stem.  
Use the screw to adjust the height of the lower stem  
and the bolt to adjust the upper stem.

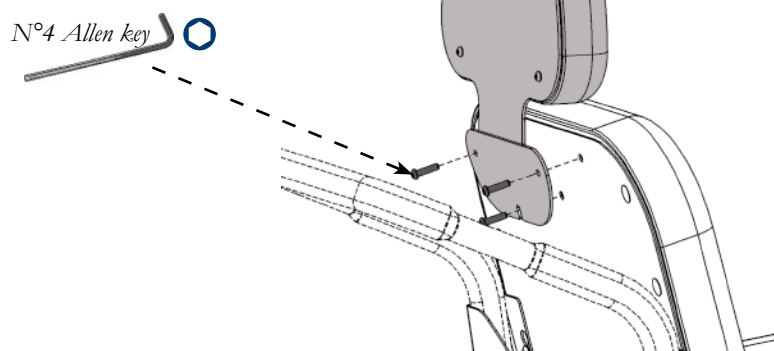


## Head rest

(reference 30141-01)

### Installing the Head rest

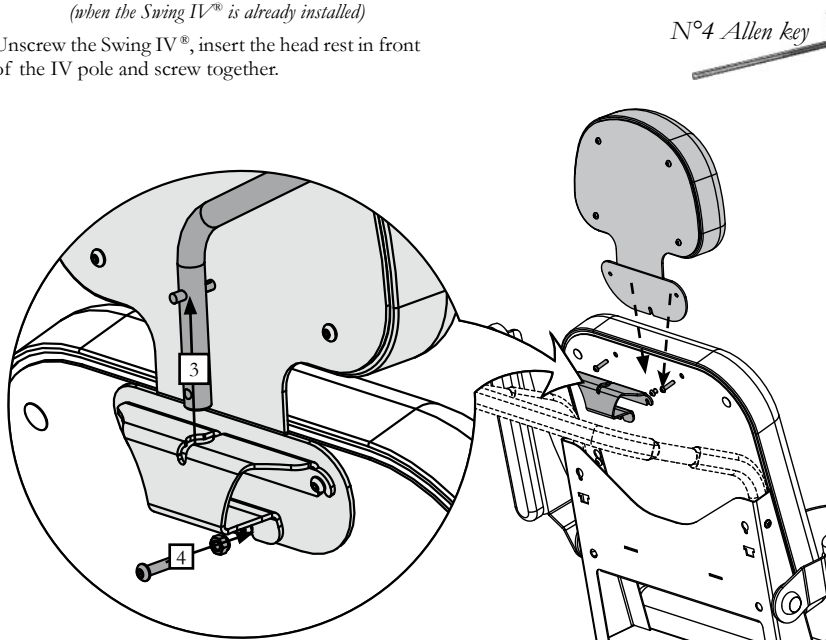
The head rest is placed on the backrest.  
Unscrew the 3 screws already in place on the backrest.



### Installing the head rest

(when the Swing IV® is already installed)

Unscrew the Swing IV®, insert the head rest in front of the IV pole and screw together.



## Swing IV® (Rotating IV pole)

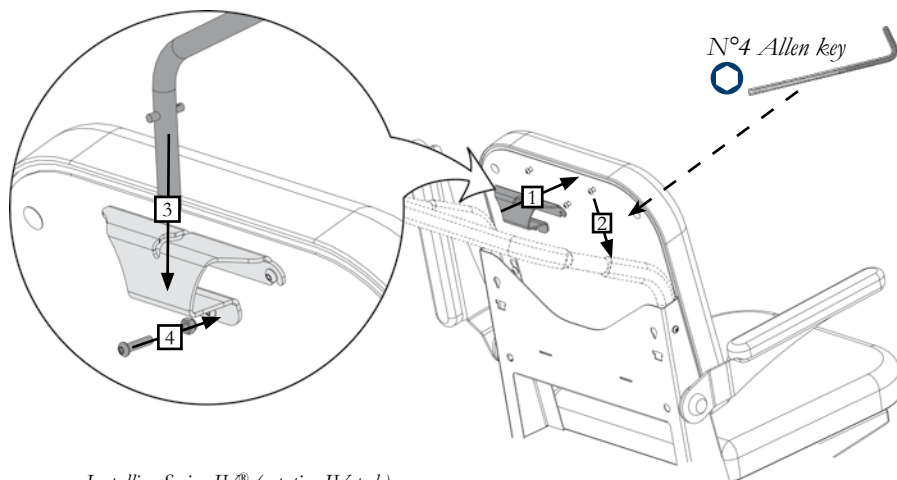
(reference 30148-10)

(The parts are delivered dismantled)

*Installing Swing IV® (rotating IV pole)*

The Swing IV® is placed on the backrest.

Unscrew slightly the 3 screws already in place on the backrest., and insert the Swing IV®.

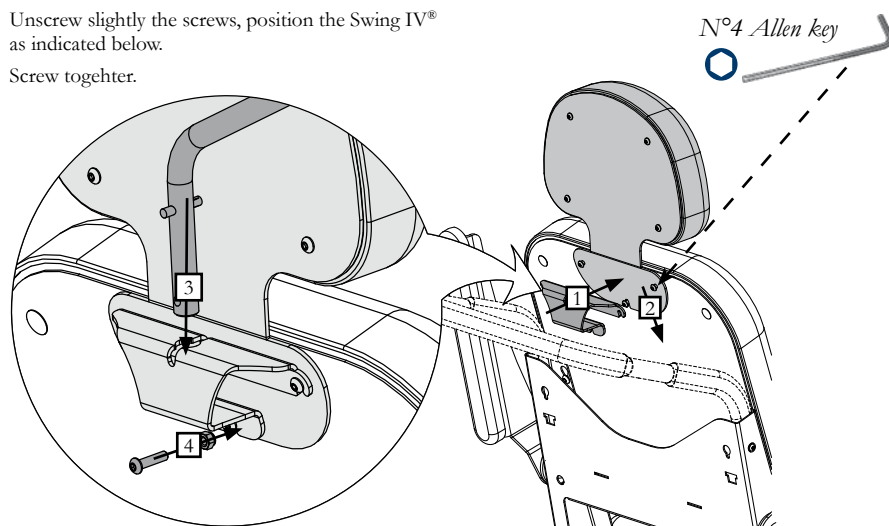


*Installing Swing IV® (rotating IV pole)*

*(when the head rest is already installed)*

Unscrew slightly the screws, position the Swing IV® as indicated below.


Screw together.

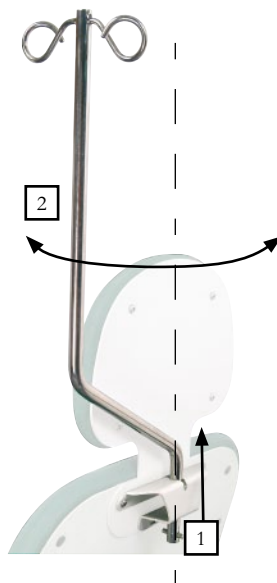


## *Using Swing IV®*

Lift the IV pole, and pivot 180°.

To lock, replace the IV pole in its casing.

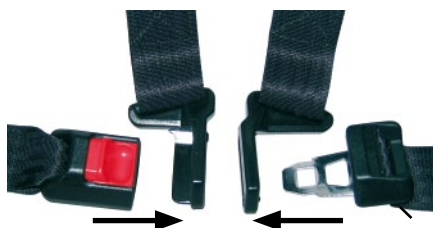
 Ensure the IV pole is correctly in place before use.




## **Safety belt**

(reference 30143-01)

*Using the Safety belt*

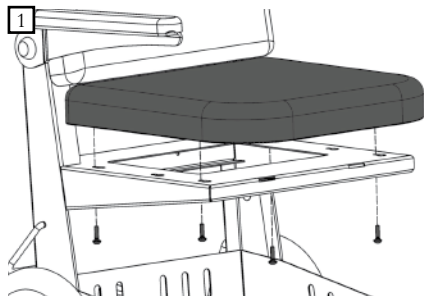


 Ensure to lock correctly before use



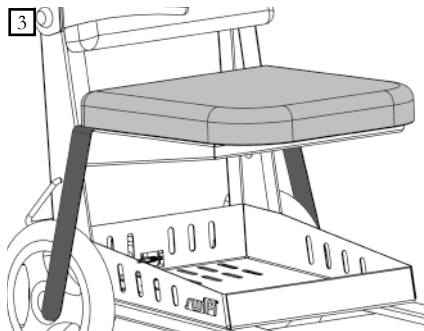
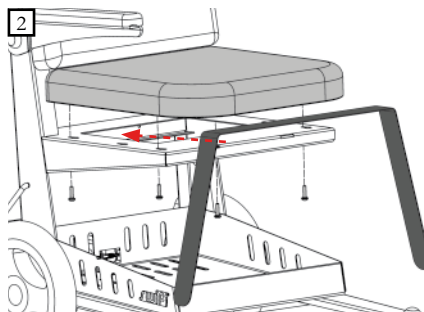
### *Installing the Safety belt*

1. Remove the upholstery

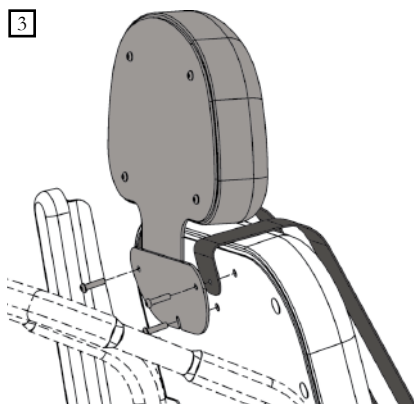
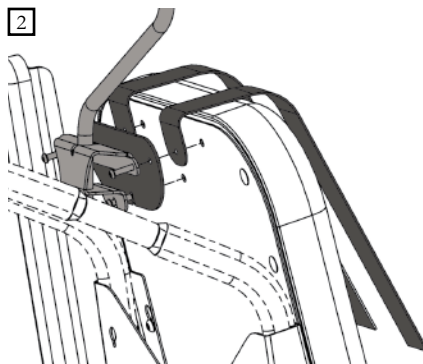
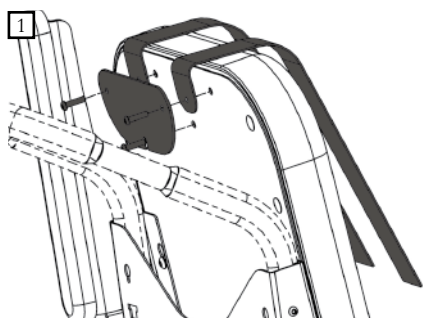


2. Insert the lower part of the belt between the frame and the upholstery.

Replace the upholstery.



The upper part of the belt is placed on the backrest. Several possibilities, follow the same procedure as installing Swing IV® and the head rest.



## Leg-rest

(Reference 30149-01)



(Reference 30149-01L)



### *Installing the leg rest support*

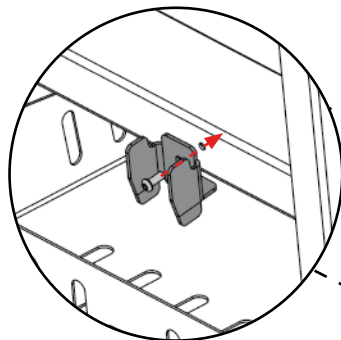
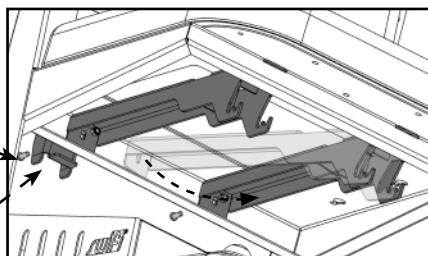
Insert the support under the seat.  
Pivot the support.



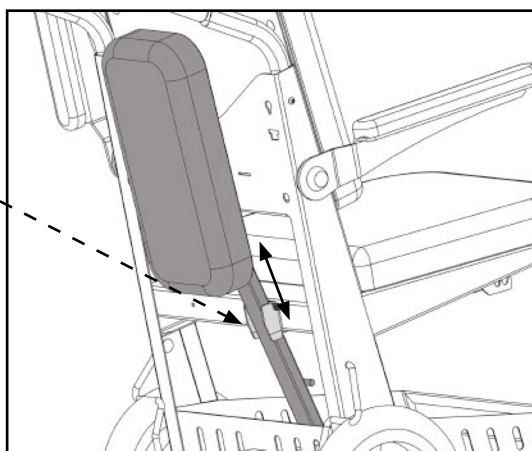
*Box spanner of 10*



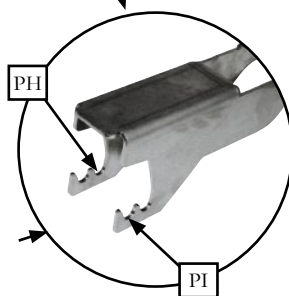
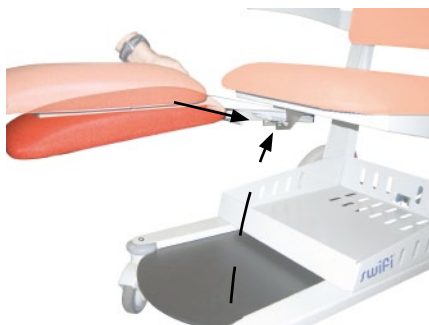
*n°4 Allen key*



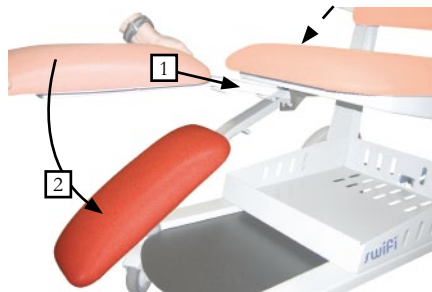
*Storing the leg rest*



*Placing the leg-rest in a horizontal position (PH)*



*Placing the leg-rest in an inclined position (PI)*

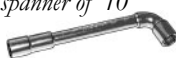


## Oxygen bottle holder

(reference 30145-02)

*Installing the Oxygen bottle holder*

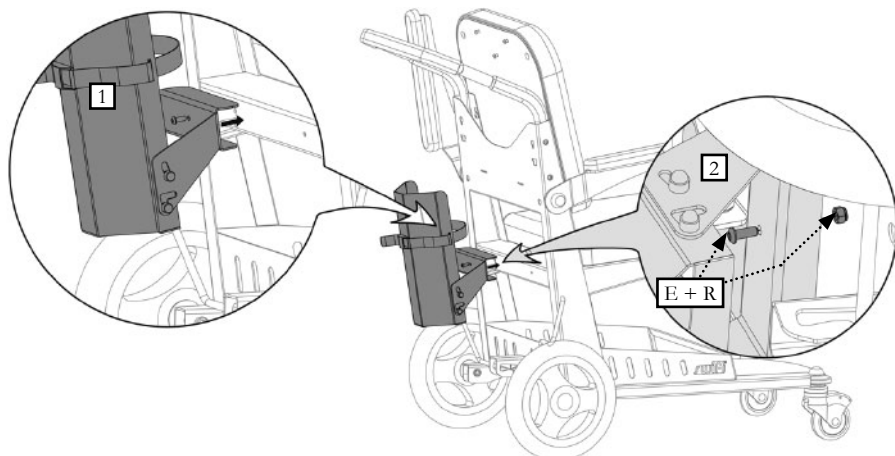
Box spanner of 10



*n°4 Allen key*

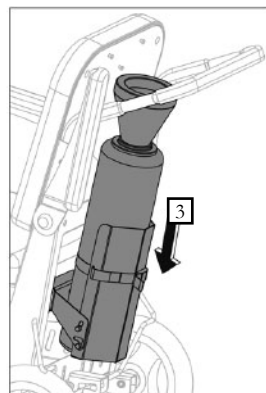
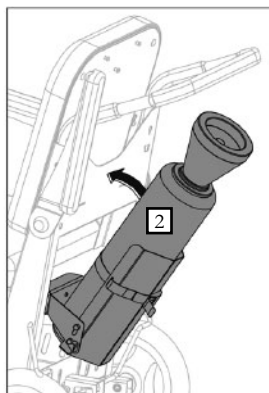
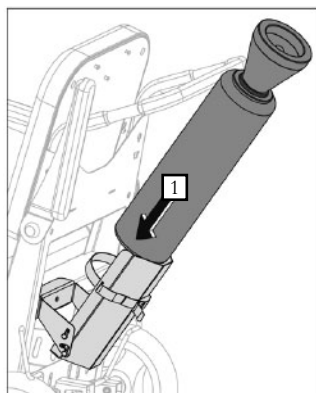


TBHC 6x16 screw



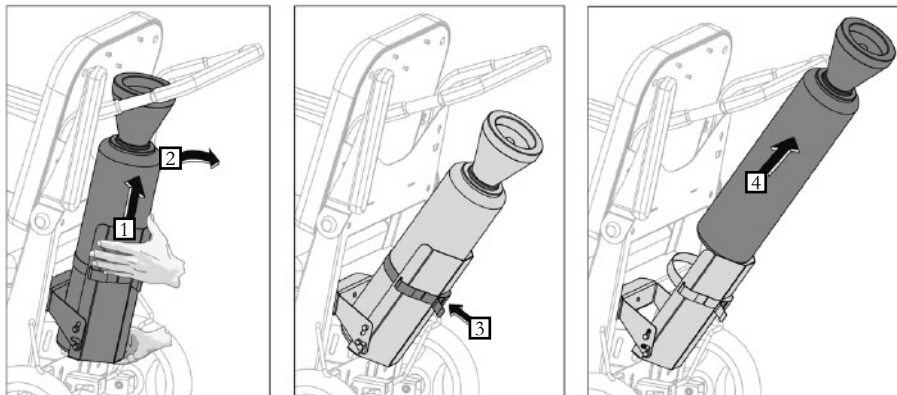
Also tighten the leg rest support, if this is already installed.

*Installing the Oxygen bottle*





## Changing the Oxygen bottle



## Chairs locks

(reference 30147-01, 30147-10 and 30147-20)

### Installing the chair lock

(for references 30147-01 and 30147-10)

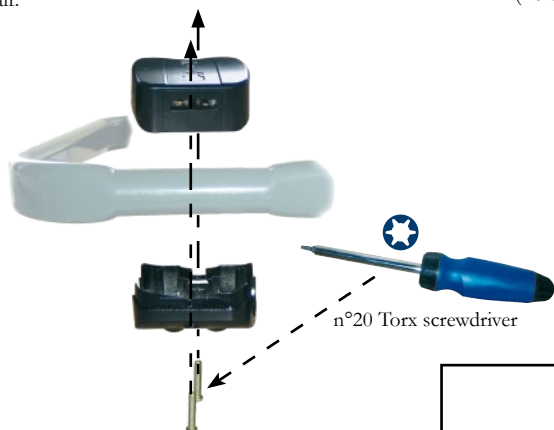
The chair lock is fixed on the side of the transfer chair.



(Reference 30147-10)



(Reference 30147-01)



### Using the chair lock

Put a token (or a 1 € coin) in the chair lock and withdraw the key.



(Reference 30147-20)



This material was designed for a lifespan of 10 years (except for wearing parts) in normal working conditions. This duration may change depending on frequency of use.

**The condition of transfer thair should be checked at least once a year.**

## ***Exchangeable components***

For service on the product, please contact your nearest dealer and give him the serial number and model number shown in the label (see page 2).

## ***Obligatory/specific maintenance***

*Once per year :*

- Check the screws and the rods.
- Check the articulated parts.
- Check the structure did not undergo any deformation.
- Control the various connections.
- Note this information and the date in the maintenance notebook.

## ***End of the device's useful life***

Your dealer is responsible for reclaiming and processing this device at the end of its service life.

Do not hesitate to contact Midmark Europe, if necessary. We will suggest to you a solution to process this equipment in the best conditions.



### **Equipment warning**

All mattresses with torn covers must be promptly replaced in order to guarantee optimum functionality of this DM.



### **Material warning**

#### **Do not dismount the equipment**

If a defect is detected, immediately contact your retailer or the after-sales department of your retailer (cf Warranty Information) for a complete diagnosis. If a doubt remains, do not use the equipment.

MAINTENANCE NOTEBOOK

Product Reference :  
Serial number (cf. label) :  
Manufacturing date (start date of warranty) :

.....  
.../.../...

Date	Name of technician	Type of intervention - corrective action

If the product is returned to the retailer or manufacturer, please clean and disinfect the material.





## **Warranty**

Midmark Europe warrants, to the original purchaser, products manufactured by Midmark Europe and components to be free from defects in materials and workmanship for a period of two (2) years\* from the date of purchase.

### *Obligations*

Midmark Europe will, at its discretion and expense, replace defective parts reported to Midmark Europe within the applicable warranty period, and which, upon examination by Midmark Europe, prove to be defective.

In accordance with CE regulation, Midmark Europe's distributor is responsible for after sales service during and after the warranty period.

### *Exclusions*

- This warranty does not extend to :

- (1) Spare parts and consumables.
- (2) Travel and labour expenses.
- (3) Breakdowns due to improper use, manifest neglect, or to moving the device.
- (4) Equipment whose original characteristics have been changed by the user.
- (5) Control units, hydraulic and electric jacks if opened by the user (seals broken).
- (6) Damage, breakdowns, failures, or defects attributable to outside causes (lightning, electric surges, floods, natural catastrophes, impacts, etc.) or to the presence of foreign objects.
- (7) Damage caused by improper hook-up or by the power supply, damage caused by corrosion or by gradual deterioration of the product.
- (8) Indirect damage related to loss of use and penalties generated by poor performance.
- (9) Aesthetic damage incurred by the outside parts of the equipment, which does not hinder proper operation, such as scratches, chips, and scrapes.
- (10) Devices whose serial number has been rendered illegible or has been changed or removed

### *Exclusive Remedy*

Midmark Europe's only obligation under this warranty is the replacement of defective parts. Midmark Europe shall not be liable for any direct, indirect, special, incidental, exemplary, or consequential damages or delay, including, but not limited to, damages for loss of profits or loss of use.

### *No Authorization*

No person or firm is authorized to create for Midmark Europe any other obligation or liability in connection with the products.

**THIS WARRANTY IS MIDMARK EUROPE'S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.**

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\* Upholstery sets are warranted 1 year from manufacturing defaults.



*Midmark Europe*

# DECLARATION OF CONFORMITY



Manufacturer's name : **Midmark Europe**

Manufacturer's address : *22, rue de St. Denis de Gastines  
53500 Ernée  
FRANCE*

Year of CE marking : **2007**

Product references : **30130-02 / 30130-02L**  
Carry a CE label.

Product Description : **Transfer Chair**

This mark certifies that this class I medical device :

complies with the regulation measures defined by the essential health and safety requirements of the EEC directive 93/42, appendices I and VII (decree 95-292 of the 16th March 1995).

complies with all European standards applicable to it.

Ernée,  
01st, September 2012

Hugues CATTART  
Managing Director



CE

MIDMARK EUROPE - FRANCE

[www.promotal.com](http://www.promotal.com)

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