

# Swifty 2

User manual – Rehab stroller Swifty 2







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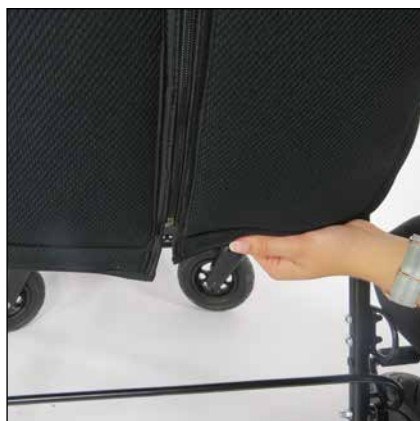
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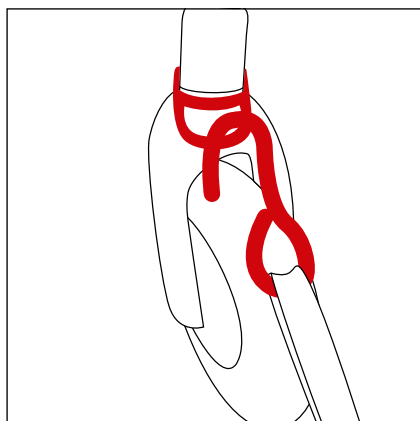
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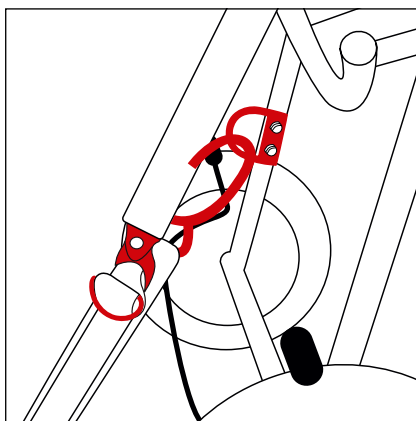
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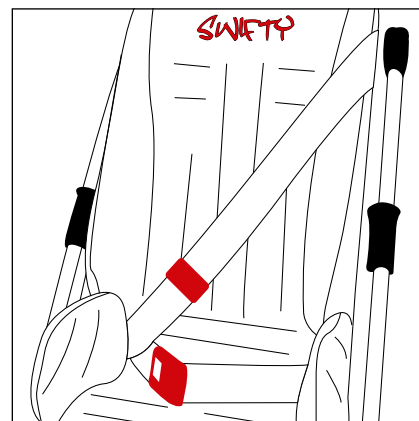
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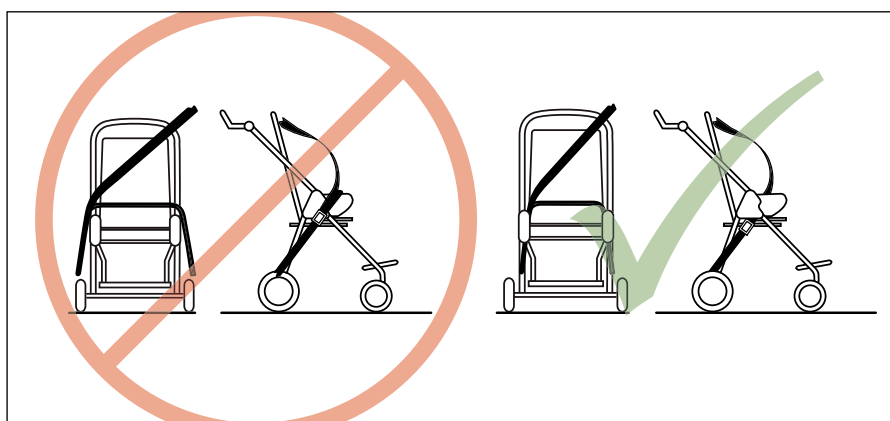
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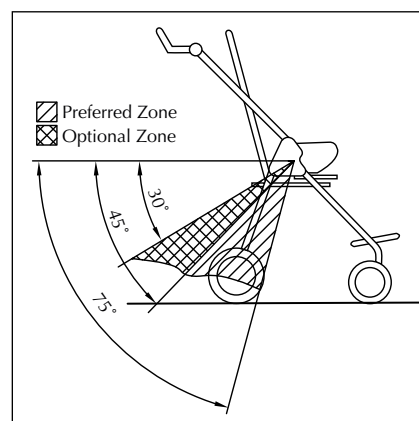
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## Dear Swifty 2 user,

The Swifty 2 rehab stroller is a modern, high-quality medical product that wins people over due to its appealing exterior. The ideas of parents who are familiar with the daily handling of rehab products as well as the needs of their children for such aids have been specifically included in the design.

Rehab does not have to look like rehab; nevertheless, the Swifty 2 fulfills all the requirements for a good rehab stroller: the lower leg length can be infinitely adjusted, while high-quality materials and a firm fit ensure comfort and safe handling. Due to its low weight and the swivel wheels, this rehab stroller is particularly maneuverable despite the high maximum load capacity. It can be folded easily and quickly and can easily be stowed in any trunk.

To ensure that the handling of the Swifty 2 rehab stroller is safe, convenient and comfortable for you and especially for your child, please read this user manual first.

If you still have any questions or problems, please call your local dealer or contact us directly.

We want to take this opportunity to draw your attention to our Internet site [www.thomashilfen.com](http://www.thomashilfen.com), where you can find the latest information and important product safety information, as well as information about any product recalls.

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## Safety checks and maintenance intervals

If you experience a problem when performing the regular checks, please contact your local dealer or Thomashilfen immediately.

### Regular / daily maintenance

Relatives and caregivers can easily perform the following maintenance tasks. The included Allen key is needed to lock the footrest.

1. Always wipe the rehab stroller dry with a dry cloth. Never store the buggy when it is damp.
2. Make sure that the two Allen keys are present on the footrest; use them every day to check that the screws are tight.
3. Check that all nuts, bolts and screws are tight (daily).
4. Check the functioning of the backrest, the folding mechanism and the rest position (weekly).
5. Always check the functioning of the brake before using the rehab stroller.
6. If necessary, clean the rehab stroller frame (recommendation: at least once a week).
7. Make sure that the plastic plug of the folding mechanism is firmly in the correct position (daily, Fig. 1).

### Semi-annual maintenance

The following maintenance should be carried out by a dealer with appropriate knowledge or by an authorized repair shop. If you notice any significant errors or malfunctions, do not use the rehab stroller until the faults have been eliminated.

1. Fold and unfold the rehab stroller and check that all movement sequences function properly during folding. Check whether the frame has any damage.
2. Check the functionality and adjustment possibilities of the rehab stroller, especially the adjustability of the backrest.
3. Check nuts, bolts, hinges and frame plugs for their tightness and general condition.
4. Check the brakes for wear, damage and proper functioning.
5. Check whether there are sharp objects in the tires and whether cuts or cracks are present.
6. Check the wheels and wheel forks for excessive wear.
7. Check whether the front and rear wheels can move freely and turn safely. Remove dust, sand or other dirt with a dry, lint-free cloth.
8. Check the functioning of the wheel locks.
9. Check all plastic parts for deformations or fractures.

## Purpose and areas of application

The Swifty 2 rehab stroller is suitable for the transport (at no more than walking speed) of disabled children by their parents or other suitable assistants on firm, level surfaces indoors and outdoors. The Swifty 2 rehab stroller must not be used for other purposes (e.g. as a means of transportation for additional children, shopping bags, etc.).

In order to allow the accompanying person to use the buggy ergonomically, the height of the push bar can be adjusted.

The Swifty 2 is approved for the transport of children in motor vehicles / disabled transport vehicles according to ISO 7176-19 and ANSI/RESNA WC 4 section 19.

## Please observe the following notes regarding safety

- Before using the product for the first time, read the user manual carefully; if you have poor eyesight, have someone read it to you. If the user manual is lost, you can download it at any time in the download area of our website [www.thomashilfen.com](http://www.thomashilfen.com). The PDF document available there can also be displayed at a larger size.
- We recommend that you adjust the lower leg length at least every 3 months to match your child's current size. If necessary, this should be done with the help of your therapist / orthopedic technician.
- Your child should always be secured with the H-belt (basic equipment) or with another restraint belt (available as an accessory).
- **CAUTION:** Wet wheels can affect the brakes. When stopping for a long period, you should lock the rehab stroller using the foot brake, thus preventing the buggy from unintentionally rolling away.
- **IMPORTANT:** Do not keep the brake applied when the rehab stroller is not being used for an extended period of time. Otherwise, the rear wheels could be damaged by the constantly applied brake.
- **CAUTION:** The gap chassis and the release rod of the brake may pose a risk of getting clothes and limbs caught in the foot area.
- **CAUTION:** The gap between the seat of the Swifty 2 and the chassis frame may pose a risk of getting clothes and limbs caught in the seat area.
- **CAUTION:** The gap between the seat side guide of the Swifty 2 and the back arch tube may pose a risk of getting clothes and limbs caught in the seat area.
- **CAUTION:** The gap between the footrest plate and the footrest tube may pose a risk of getting clothes and limbs caught in the foot area.
- Please do not overload your Swifty 2 rehab stroller and observe the maximum load capacity (see the specifications).
- In the dark, reflective clothing makes you and your child more visible for other road users – make use of this advantage.
- Lift the rehab stroller only using firmly welded or screwed-on components (front frame tube above the front wheels, rear axle, push handles / push bar)
- Intense sunlight may excessively heat up the black pads. In this case, there is the risk of burning on the back and legs upon contact! Therefore, always ensure that the Swifty 2 is not exposed to intense sunlight during use and storage; use it only when it has cooled sufficiently!
- Make sure that you do not injure yourself when folding the footrest up, adjusting the backrest, and folding and unfolding the rehab stroller.
- Attaching heavy bags or string bags to the rehab stroller increases the risk of tipping. Use the basket (available as an accessory) under the seat unit.
- When handling the rehab stroller, especially when folding and unfolding it, heed the recommendations in the user manual.
- Do not leave your child unattended in the Swifty 2 rehab stroller.
- When placing your child into the buggy and removing him or her, the rehab stroller's parking brake must be applied.
- Do not leave your child unattended when he or she is getting into or out of the rehab stroller; if the footrest is subjected to an excessive load, there is a risk of slipping or tipping.
- Please keep your children away from the plastic packaging; there is a danger of suffocation.
- Only one child at a time may be placed in the rehab stroller.





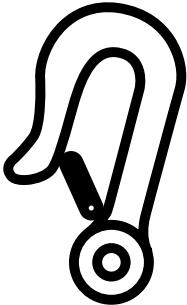


## Application risks and contraindications

When used appropriately, risks for the application can be excluded. Contraindications are not known. The padding material used in the Swifty 2 is “flame retardant” and has been tested according to DIN EN 1021-1 and DIN EN 1021-2.

The degree of resistance to inflammation in materials and components has been tested according to standards and deemed to be safe.

## Symbols and warning signs

Sticker	Meaning
 <p>Thomashilfen Walkmühlenstraße 1 27432 Bremervörde Germany</p> <p><b>Swifty 2</b></p> <p>max. Nutzergewicht / max. user weight: 50 kg / 110.2 lbs</p> <p>CE </p>	<p><b>Specification labels / loading capacity stickers</b></p> <p>The specification label is attached at the bottom of the seat.</p> <p>The specification label includes the name of the manufacturer, including the address; the type designation; the maximum loading capacity; and the CE label.</p>
 <p>(01)04034089025445(21)001687536</p> <p><b>6808</b> <b>Swifty 2 Reha-Buggy Crash</b></p> <p>Article no: 9800068080000</p> <p>LOT</p> <p>SN 1687536</p> <p>Made in POLAND</p> <p><b>Thomashilfen</b>  2016-11-16</p>	<p><b>Bar code label</b></p> <p>The bar code label is attached under the seat.</p> <p>The bar code label includes the item number, designation, serial number and production date of the product.</p>
	<p>Identifies the 4 attachment points on the Swifty 2 for securing in a disabled transport vehicle.</p>

## Specifications and versions

	<b>Swifty 2</b>
Seat depth	375 mm / 14.8"
Seat width	395 mm / 15.6"
Back height	700 mm / 27.6"
Lower leg length	210 - 370 mm / 8.3 - 14.6"
Side guide (W x H)	250 x 160 mm / 9.8 x 6.3"
Hip angle	90° - 100°
Foot angle	90°
Seat angle, fixed	+ 20°
Safe tilting up to a maximum of	10°
Size of footrest (W x D)	310 x 200 mm / 12.2 x 7.9"
Overall dimensions (L x W x H)	980 x 670 x 1130 mm / 38.6 x 26.4 x 44.5"
Dimensions when folded (L x W x H)	790 x 670 x 490 mm / 31.1 x 26.4 x 19.3"
Push bar height	820 - 1240 mm / 32.3 - 48.8"
Turning circle	1260 mm / 49.6"
Wheel size (front (swivelling wheels) / rear)	180 mm / 250 mm / 7.1" / 9.8"
Wheel width (front (swivelling wheels) / rear)	45 mm / 50 mm / 1.8" / 2"
Weight	18,2 kg / 40.1 lb
Max. user weight	50 kg / 110.2 lb
Max. load capacity of the basket (accessory)	3 kg / 6.6 lb

### The Swifty 2 rehab stroller is available in the following versions:

Artikel-Nr.	Designation	Equipment
6808	Swifty 2 rehab stroller, Crash	Rehab stroller, incl. pads, H-belt and footrest; equipped and approved for use as a seat in a motor vehicle

## Scope of delivery

The Swifty 2 rehab stroller is delivered pre-assembled. The Swifty 2 is factory-fitted with seat and back pads as well as seat side guide pads. In addition, the Swifty 2 is supplied with a user manual and an Allen key. The Allen key is required for the height adjustment of the footrest.

## Basic equipment

Lightweight and foldable chassis with integrated seat unit; H-belt; flame-retardant cover material; breathable pads; backrest with an adjustable hip angle; swiveling front wheels with steering stop; puncture-proof EVA tires; height-adjustable and foldable footrest; foot-operated parking brake; height-adjustable push bar.

## Setup and assembly

The settings / adjustments must always be made by trained / instructed professionals (such as medical product consultants of specialist medical dealers).

No tools are required when using the Swifty 2 for the first time, except for the Allen key that is included in the scope of delivery.

The accessories are attached / removed using commercially available tools. Separate installation and operating instructions are included with the accessories. If these are missing, you can download the instructions from the download section of our website [www.thomashilfen.com](http://www.thomashilfen.com) at any time.

## Folding

**NOTE:** Be careful not to drop the rehab stroller onto the floor during folding to avoid bending and damaging the frame. Make sure the plastic plug of the folding mechanism is in the correct position (higher end of the plug is pointing to the rear of the rehab stroller). (Fig. 1)

### Folding open

The Swifty 2 rehab stroller is equipped with a folding safety device on both push bar joints. To fold it open, the folding safety device must be released on each side by means of one of the pushbuttons (Fig. 2). Then hold the buggy on the top and on the side using the push bar and pull it upwards with a swinging movement (the locking slide audibly engages). Loosen the clamping lever at the back and adjust the desired back angle (see the section on backrest adjustment). Adjust the height-adjustable push bar to the desired position by pressing the side pushbuttons (Fig. 3).

### Folding closed (smallest folded size)

Loosen the clamping lever at the back. Pull up the locking slides on the push bar (right and left). (Fig. 1) and hold onto the safety bow mounted on the right-hand side. Using your upper body, push the push bar forward and fold the buggy closed in a forward direction (Fig. 4). Press the backrest downwards and tighten the clamping lever again. Fold down the push bar on the backrest.

The folding lock can be used to prevent accidental unfolding of the Swifty 2 rehab stroller. For this purpose, release the button on each side of the folding lock (fig. 2), guide the strap around the front frame and push the button closed again. Now the Swifty 2 can be securely gripped and transported using the tubes of the frame.

## Seat and back pads

The seat and back pads consist of a single unit. It is pulled over the backrest in such a manner that the red Swifty logo is at the front and the lower part of the pad comes to rest on the seat. The rear of the pad is divided into two parts and is closed with a zipper. Guide the two halves of the pad's back under the Swifty 2's rear bow (Fig. 5). Pull the pad into place and close the zipper (Fig. 6). Finally, close the hook and loop closure at the lower end of the back (Figure 7).

## Seat side guide pad

The opening of each seat side guide pad should point outwards/forwards. (Fig. 8) Pull the pad over the seat side guide (Fig. 9). Close the zipper. (Fig. 10)

## H-belt

The Swifty 2 rehab stroller is equipped with an H-belt as standard equipment.

### Opening the belt buckle

To open the H-belt, press and hold the red pushbutton (1), open the clip lock (2 and 3) and release the belt (child safety lock). (Fig. 11)

### Adjusting the shoulder belt height

Open the zipper on the back pad. Open the upper folding buckles and pull the belts out from the front. Undo the back pad to the desired height using the stitched seam. Pull the straps through the resulting slots and secure them again in the folding buckles. Close the pad again. (Figs. 12-13)

### Removing the H-belt

Open the zipper on the back pad. Open the folding buckles and pull out the H-belt from the front.

## Sun and rain cover holders

The Swifty 2 is equipped with holders for a sun and rain cover as standard. (Fig. 14) The sun and rain cover itself is available as an accessory.

## Adjustment options

### Backrest adjustment

Loosen the clamping lever on the back, adjust the desired hip angle by sliding the back bow on the back rail, and re-tighten the lever. (Fig. 15)

### Lower leg length

Unscrew the Allen keys (3 mm) on the right and left rear of the footrest tube guides. Move the footrest to the desired position by sliding it on the frame tube and tighten the screws again. (Fig. 16)

### Footrest

The footrest can be folded upwards to make it easier for children to get into the buggy. (Fig. 17)

## Parking brake function

To lock the brake, place your foot on the brake bow and push it down. Release the brake by placing your foot under the brake bow and pulling it upwards. (Fig. 18)

## Parking brake function for the front wheels

**Tightening:** Turn the front wheel so that it is straight and let the locking latch bolt snap in (it clicks audibly).

**Releasing:** Pull out the locking latch bolt and lock it with a 90° rotation. (Fig. 19)

## Attaching the belts

Using the stitched seams, undo the back pads depending on the required height of attachment.

Guide the two upper belts through the openings in the pad and insert them through the slots in the back plate. (Fig. 12) Open the zipper at the back of the back pads and then insert the belts into the folding buckles and adjust the desired belt length. (Fig. 13) The two lower ends of the belt can be fastened to the back of the back plate using folding buckles. (Fig. 20) Guide the straps to the right and left of the back pad and secure them. Close the back pad again. (Figs. 6-7)

**TIP:** The belt length can also be adjusted at the front. To do this, pull the D-ring to shorten the belt.

The front belts of the 4-point pelvis belt are attached on the right and left under the seat using a folding buckle. Guide the belt between the side guide and the seat plate, insert it into the folding buckle, and tighten it. (Figs. 21-22)

## Tip assist (accessory)

Place your foot on the tip assist, hold the rehab stroller with both hands, and tip it. (Fig. 23)

## Transport

The Swifty 2 rehab stroller can be folded up for transport in a vehicle trunk. Heed the instructions for folding the rehab stroller use the folding lock to avoid unintentional unfolding.

The Swifty 2 rehab stroller can be lifted on the side parts of the frame or on the rear axle.

## Use as a seat in a motor vehicle

The “Crash” version of the Swifty 2 rehab stroller has successfully passed the crash test according to the international ISO 7176/19 standard as well as ANSI / RESNA WC 4, section 19 and can be used as a seat in a motor vehicle.

**IMPORTANT:** If the Swifty 2 is to be used as a seat in a motor vehicle, the following instructions are to be heeded.

The Swifty 2 rehab stroller has been designed for transport in the forward direction. Whenever possible, the user should be placed on one of the vehicle seats and the installed restraint system should be used. Use only chassis / passenger restraint systems that are in accordance with ISO 10542 to secure the Swifty 2 rehab stroller to the floor of the vehicle.

The 4 attachment points on the Swifty 2 are indicated by the following symbol:



### Preparing the Swifty 2 for transport:

1. Remove the following parts (if attached); abduction block, tray, sun and rain cover, sun umbrella, grip rail, and the contents of the basket.
2. Use the installed rails to correctly position the buggy in the forward direction in the vehicle. Actuate the parking brake.
3. Make sure that the hip angle adjuster is fixed.

### Fastening the Swifty 2 in a motor vehicle:

1. The rehab stroller must be safely secured in the vehicle using a 4-point belt system (according to ISO 10542-2, SAE 2249 or DIN 75078/2). (The manufacturers of these belt systems are, for example, Unwin Safety Systems and Q'Straint.)
2. The driver and / or the assistant should be familiar with the use of these belt / restraint systems.
3. The two front belts (snap hook) must be attached to the left and right steel rings above the front wheel fork. (Fig. 24)
4. The two rear belts (snap hook) must be attached to the two safety tie-down kits on the rear frame. (Fig. 25)

### Applying the restraint system:

1. The crash test was carried out with the H-belt (included in the scope of delivery). This H-belt should be used under the belt of the restraint system.
2. The user must be secured with an approved restraint system. Thomashilfen recommends using an automatic belt or a 3-point restraint system, in which the pelvis belt and the shoulder belt can be separated from each other. This is necessary to be able to properly guide the restraint system through the frame of the Swifty 2. (Manufacturers of such systems include Unwin Safety Systems and AMF-Bruns.)
3. The driver and / or the assistant should be familiar with the use of these belt / restraint systems.
4. The user's pelvis belt must be positioned flat on the user's pelvis without contacting the abdomen. The pelvis belt should extend between the side guide and the user on the right and left sides. (Fig. 26)
5. The pelvis belt must not be separated from the user by parts of the rehab stroller (sides, wheels) (Fig. 27)

**NOTE:** The belt must not be used when it is twisted.

6. The angle of the pelvis belt should be between 30° and 75°. (Fig. 28)
7. The pelvis belt should be as tight as possible, but should also be comfortable for the user.
8. The upper body belt of the restraint system must be fastened to the vehicle wall at a height so that it is ensured that the belt is located in the middle of the user's shoulder and passes under the push handle. (Fig. 27)

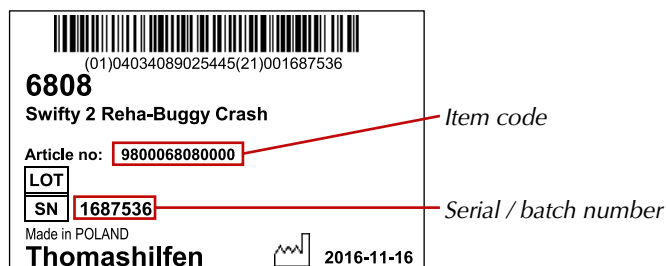
**NOTE:** Only a shoulder belt that is fastened to the side wall of the vehicle satisfies the current requirements for safely restraining the user.



## Product / serial number

To obtain the correct spare parts or for any technical call-backs that may be required, we always need you to provide us with the serial number and the precise item number.

The serial number and the item number of the Swifty 2 rehab stroller are located on the bar code label that is attached under the seat.



## Cleaning, disinfection and care

The chassis is made of high-quality steel tubes. These are coated with durable powder stove enameling that can be cleaned and disinfected with commercial (neutral) soaps.

### Disinfection

Clean the pads and handles before disinfecting. Wipe all parts of the product with a cloth that is damp with disinfectant. Only water-based disinfectants should be used. When disinfecting, the manufacturer's application instructions must be heeded.

### Pads

All pads can be easily removed in just a few steps. The 100% Trevira CS fabric is a high-quality fabric that is washable up to 40 °C. The pads are to be washed separately; the hook and loop strips have to be covered or closed before washing. Please also pay attention to the care instructions.

We would like to point out that even high-quality fabrics can fade if subjected to continuous and intensive sun exposure or frequent washing. The pads are flame-retardant (EN1021-1 and EN 1021-2).

### Hook and loop closures

To maintain the functionality of the hook and loop closures, clean the hook and loop strips with a brush every now and then. Always close the hook and loop strips during washing.

## Warranty terms / CE label

Thomashilfen offers a 3-year warranty on all frame parts from the date of purchase. The warranty covers any claims affecting the functions. Excluded is damage that arises due to improper handling (e.g. overloading) as well as normal wear.

The Swifty 2 meets the requirements of European standards EN 12182 and EN 12183 and is provided with a CE label.

We hope you enjoy using your Swifty 2 rehab stroller!

## Maintenance schedule – annual inspection / reutilization

### Preparation

A user manual must accompany the product. If none is present, please order one from the manufacturer. Familiarize yourself with the functions of the product. If you are not familiar with the product, read the instructions carefully before the inspection. Clean the product before the inspection. If necessary, heed the care instructions and product-specific inspection instructions in the user manual.

Item	Area ☑ = Inspection performed	(I = Inspection / R = Reutilization)							
		Function		Damage		Warping		Replace	
1	Seat	I/R		I/R		I/R			
2	Angle adjustment	I/R		I/R		I/R			
3	Height adjustment	I/R		I/R		I/R			
4	Seat cushion			I					R
5	Missing caps and plugs								I/R
6	Back	I/R		I/R		I/R			
7	Angle adjustment	I/R		I/R		I/R			
8	Height adjustment	I/R		I/R		I/R			
9	Back cushion			I					R
10	Push bar	I/R		I/R		I/R			
11	Push bar cover			I					R
12	Chassis	I/R		I/R		I/R			
13	Tires	I		I		I			R
14	Hand brake	I/R		I/R		I/R			
	<b>Options</b>								
15	Headrest	I/R		I/R		I/R			
16	Headrest cushion			I					R
17	Lateral trunk support	I/R		I/R		I/R			
18	Lateral trunk support cushions			I					R
19	Armrests	I/R		I/R		I/R			
20	Arm supports			I					R
21	Lateral hip support	I/R		I/R		I/R			
22	Lateral hip support cushions			I					R
23	Abduction wedge	I/R		I/R		I/R			
24	Abduction wedge cushion			I					R
25	Lateral tibia support	I/R		I/R		I/R			
26	Lateral tibia support cushion			I					R
27	Tray	I/R		I/R		I/R			
28	Belts	I/R		I/R		I/R			
Maintenance was carried out						on:			

Service and repairs to the rehab stroller may be carried out only by qualified personnel. The user of this rehab aid must ensure that the required inspections / maintenance be carried out regularly and on schedule. If damage is evident, the user must actively inform the qualified personnel and have the damage repaired immediately. Only original spare parts may be used for repairs (the list of replacement / spare parts can be found in the download area on our website [www.thomashilfen.com](http://www.thomashilfen.com)).

Removal / attachment of spare parts must always be performed by qualified personnel only! If it is necessary to return the product to your dealer, please make sure that you pack the chassis so that it can be transported without damage.



Member of the International  
Support Association for the  
Rehabilitation of Children and Youths e.V.

Specialist dealer / Institution



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