

**dynamic pacer.**



 **rifton.**

## **Instructions for use.**

**dynamic pacer.** The dynamic walking aid.

  
**schuchmann®**

**Many thanks.**



### **Dear Customer**

At this point we would like to thank you for placing your trust in our company and for purchasing our product. We ask you to read through the Instructions for use carefully prior to initial commissioning of the product, and to observe them. Please note that guidelines and representations in these Instructions for use may deviate from your product due to differing equipment. We reserve the right to make technical modifications.

### **Important information!**

Ensure that these Instructions for use remain with the product.

Your **schuchmann** Team



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# 1. Preparation.

## 1.1 Delivery

On receiving the product, please check it for completeness, lack of faults and any transport damage. Inspect the goods in the presence of your forwarder. Should transport damage have occurred, please arrange for an inventory (determination of the faults) to be made in the presence of the forwarder. Please send a complaint in writing to the specialist dealer responsible (**see Point 9.5**).

## 1.2 Safety measures prior to use

Correct usage of the walking aid requires precise and careful training of the accompanying person. We ask you to read through the Instructions for use carefully prior to initial commissioning of the walking aid, and to observe them. Cushioned parts may become warm when exposed to direct sunlight. Cover these parts or protect the equipment from direct sunlight.

## 1.3 Safe disposal

In order to preserve and protect the environment, to prevent environmental pollution and to improve the recycling of raw materials, please note the disposal instructions in **points 1.3.1 and 1.3.2**.

### 1.3.1 Packaging

The product packaging should be stored in case the product needs to be transported again. Should you have to return the product for repairs or in case of a guarantee claim, please if possible use the original box so that the product is optimally packaged. Separate the packaging materials for recycling according to their classification. Do not leave packaging materials unattended, as they are a possible source of danger.

### 1.3.2 Product

Separate the raw materials used in the product for recycling according to their classification (see material information under **Point 2.1**).

## 1.4 Where to store the Instructions for use

Please store these Instructions for use carefully and ensure that these Instructions for use remain with the product in case of re-use.



## 2. Product description.

### 2.1 Material information

Individual parts (nuts, bolts and screws etc.) are galvanised, plated with nickel or made of stainless steel. The padded parts are made of PU foam with a fire-retardant coating made of expanded Vinyl. The frames are made from steel or aluminium with a stove-enamel finish. Some frame elements can also be made from stainless steel. The straps are made from polypropylene or nylon textiles. The plastic parts are injection moulded from various synthetic resins. All materials are free of latex, lead and phthalates.

### 2.2 Handling / transport

The walking aid is not designed to be carried, as it is fitted with castors. Should you have to carry the equipment due to obstacles, ensure that all moving parts are tightened. Then separate the top frame from the sub-frame (see **Points 3.1** and **3.2**) for sizes 1-4 and carry the top frame and the sub-frame separately. In order to transport the walking aid, reduce all adjustments to their most compact size (lower top frame, lower armrests etc.)



**Tighten all moving parts prior to carrying!**

### 2.3 Application areas, use according to the intended purpose

#### Indications

The **dynamic pacer.** is a Class 1 medical product. It has been developed to assist with learning to walk. For users with no or little leg musculature, the **dynamic pacer.** provides the necessary support so that the user has to bear little or none of their own weight (for max. load see **Point 7**). In addition, the **dynamic pacer.** can also be used for people with severe spasticity in order to channel the user's force. Any other use or use over and above this purpose is deemed improper.

#### Contraindications

In general, the indications for provision of a walking aid should be approved by a doctor or orthopaedist. It should therefore be clarified prior to procurement whether contraindications exist for the patient. In general, any type of pain represents a contraindication.

## 2. Product description.



### 2.4 Use not in accordance with the intended purpose / warning guidelines

- Ensure that the walking aid is stored in a dry place.
- Ensure that the walking aid is only used by one user.
- Correct usage of the product requires precise and careful training of the accompanying person.
- For reasons of fire safety, the walking aid may not be placed close to an open fire or any other strong source of heat such as electric or gas heaters.
- The walking aid may only be used on stable and flat ground.
- The max. load excluding the accessories (see **Point 7**) may not be exceeded.
- The walking aid may not be used without supervision.
- During adjustment, the user should not be able to touch the moving parts.
- Please observe **Point 7** 'Technical data' in these Instructions for use for the maximum permitted patient weight.
- After all settings and adjustments, firmly re-tighten the screw connections you have loosened!
- Hanging on heavy bags or other items can negatively influence the stability.
- For safety reasons, only use accessories and spare parts by Schuchmann, as the product as a whole represents a tested unit. In case of combination of the walking aid with components from other manufacturers (e.g. armrests), the consultant physician must consider the methods of effect of the individual components. In addition, components by other manufacturers must be tested by the medical product consultant for fire characteristics.
- Please ensure that none of the user's extremities are in the respective area when making adjustments of any kind to minimise the risk of injury.
- Users with visual, reading or mental impairments must have someone read these Instructions for use aloud so that they understand how to use the walking aid.
- Ensure that all accessories (see **Point 4**) are correctly used and correctly adjusted for the user. Always position the accessories so that the weight of the user is distributed between the castors.



## 2. Product description.

### 2.5 Equipment for basic model

#### 2.5.1 pacer. (Size 0 mini)

- One-part base frame with handle frame, four 5 ½ casters (see **point 3.3**) with friction brake, backwards stop, parking brake and direction lock.

#### 2.5.2 dynamic pacer. (Size 1 - 4)

- Modular set with diverse combination possibilities for different sub-frames and top frames (see **Point 3.1 and Point 3.2**)
- Different top frames (standard and/or dynamic) for the support of accessories, continuously adjustable using gas pressure spring support

### 2.6 List of accessories

- Padded armrests and lower arm supports
- Function and parking handbrake (size 1 - 4)
- Hand rims
- Multi-positioning saddle (MPS) (size 1 - 4)
- Therapy table
- Additional push handles
- Accessories bag
- Push bar for accompanying escort
- Pelvis positioning aid
- Hip positioning aid
- Pad for hip positioning aid
- Padded torso support
- Thigh positioning aid
- Ankle positioning aid
- Base frame with distance measurement system (0 mini)
- Standard and combination sub-frame with distance measurement system



## 2. Product description.

### 2.7 Product overview

The Fig. below is intended to show you the designation of the most important components as well as the terms which you will find in these Instructions for use.

#### 2.7.1 pacer. (Size 0 mini)



#### 2.7.2 dynamic pacer. (Size 1 - 4)



## 3. Settings.

Settings and adjustments to the product or accessories may only be made by people who have been given the necessary instructions by a medical product advisor. Please ensure that none of the user's extremities are in the respective area when making adjustments of any kind to minimise the risk of injury.

### 3.1 Top frame

The **dynamic pacer.** is a modular system, in which the different top frame and sub-frame can be combined. Please see the following table to see which sizes can be combined with each other.

In order to mount the top frame onto the sub-frame, press the button (A) and insert the axis of the top frame into the opening on the sub-frame until it noticeably clicks in.



The top frame should be removed for transport.

All top frames provide sufficient space for the attachment of accessories (see **Point 4**).

#### 3.1.1 Standard top frames

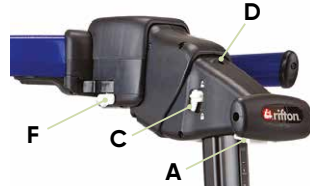
The standard top frames can be adjusted in height – to do this, press the button (B).



## 3. Settings.

### 3.1.2 Dynamic top frame

The dynamic top frame can be adjusted in height – to do this, press the button **(A)**. In addition, this provides dynamic support (vertical and horizontal). In order to activate/deactivate the vertical dynamic support **(B)**, lift the top frame up slightly and press the switch **(C)** – Switch up = activated/Switch down = deactivated. The vertical dynamic is sufficient for most users; if not, this dynamic can be changed. To do this, turn the screw **(D)** with the Allen key clockwise in order to increase the dynamic, and anti-clockwise in order to reduce the dynamic. In order to activate/deactivate the horizontal dynamic support **(E)**, press the switch **(F)** – switch forwards = activated/switch backwards = deactivated.



**Please ensure that no hands are located in the area of the dynamic support!**



**Always use armrests or arm supports (see Points 4.5 and 4.6) for safety reasons during the active use of a dynamic support!**



**In order to avoid damage to the vertical dynamic, do not continue to turn the screw if it is tightened or loosened to its maximum extent (F).**



**B**



**E**

## 3. Settings.

### 3.2 Sub-frames

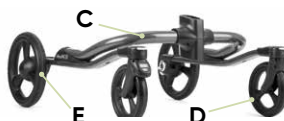
#### 3.2.1 Standard sub-frame

The standard sub-frame (A) is equipped with four 5½" castors. Every castor (B) is equipped with a parking brake, a friction brake, a backwards stop and a direction lock (see **Point 3.3**). Optionally, the sub-frame is also available with a distance measurement system (see **Point 4.1**).



#### 3.2.2 Combination sub-frame (size 2 + 3)

The combination sub-frame (C) is equipped with two 8" front wheels (D) and two 11½" rear wheels (E). The parking brake, friction brake and backwards stop are located in the rear wheels (E). The direction lock (D) is located in the front wheels (see **Point 3.3.1**). Optionally, the sub-frame is also available with a distance measurement system (see **Point 4.1**).



#### 3.2.3 Treadmill sub-frame (for size 1 - 3)

The treadmill sub-frame is intended for use over the treadmill, and is also suitable for users with a higher width space requirement. In addition to the height adjustment of the top frame (see **Points 3.1.1** and **3.1.2**), the height can also be adjusted on the sub-frame. To do this, press the button (F). The sub-frame is available in two sizes (for dimensions see **Point 7**).



**In the treadmill sub-frame, the user may not be positioned in the direction of the sub-frame opening!**



**Stop the treadmill before settings are conducted on the walking aid!**



**Ensure that no extremities are located in the setting or adjustment area!**



**Always fix the brakes when you use the treadmill sub-frame over the treadmill!**



**Use the torso support, the hip positioning aid or the MPS when using the treadmill sub-frame and a treadmill!**

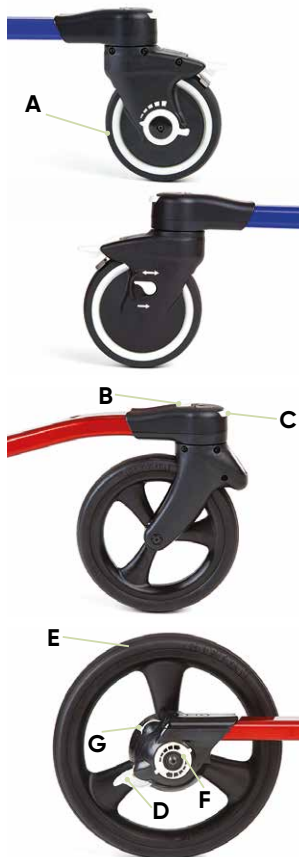


**Do not run on the treadmill in the wrong direction when using the walking aid!**

## 3. Settings.

### 3.3 Castors / wheels

The 5 ½" casters (A) on the standard and treadmill sub-frame and the **pacer**. Each size 0 mini is equipped with a parking brake, a friction brake, a backwards stop and a direction lock. The combination sub-frame is equipped with two 8" front wheels (B) and two 11½" rear wheels. The parking brake, friction brake and backwards stop are located in the rear wheels (C). The direction lock is located in the front wheels (B). Optionally, frames with distance measurement systems are available (see **Point 4.1**); these are located above the casters (A) and front wheels.



#### 3.3.1 Direction locks

Direction locks prevent the user inadvertently swaying.

- Press button (B) to **activate**.
- To **deactivate**, press button (C).

If the direction lock is activated on all castors, the user can only move forwards or backwards. If the direction locks are only activated on the rear wheels, the user is stabilised and yet they can still steer.

#### 3.3.2 Parking brake

In order to press the parking brake, push the lever (D) down with your foot. To release it, push the lever (D) back up again with your foot. On the combination sub-frame, the parking brakes are only located in the two rear wheels (E).

#### 3.3.3 Friction brake

In order to activate the friction brake, press the adjustment wheel (F).

#### 3.3.4 Backwards stop

The backwards stop prevents unwanted rolling away backwards. To activate the backwards stop:

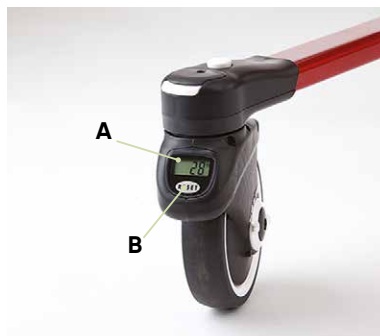
- Press the switch (G).
- If the direction lock is activated, clicking sounds are heard when rolled.



## 4. Accessories.

### 4.1 Distance measurement system

The distance measurement system (A) shows the distance covered. To reset the distance measurement system to "0", press the reset button (B). In order to display the entire distance covered, press the reset button (B) for one second. The distance can be shown in metres (m) or feet (ft). In order to alter the distance unit, keep the button (B) pressed until the unit changes.

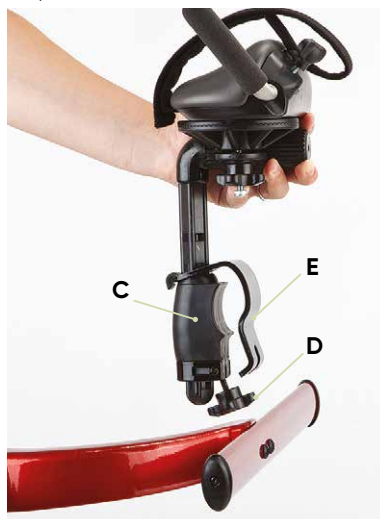


### 4.2 Adaptor clamp for accessories

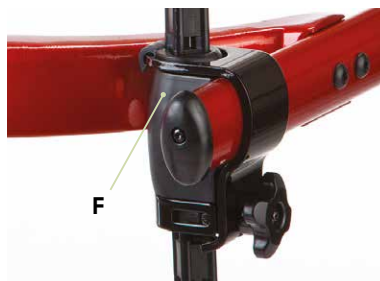
A large selection of the accessories are mounted onto the top frame using an adaptor (C). To mount the adaptor (C), proceed as follows:

1. Release the handle (D) and press it downwards.
2. Lift the bar (E) up.
3. Position the adaptor (C) onto the frame and close the bar.
4. Press the handle (D) up again and re-tighten it.

The positioning of the accessories on the frame is dependent on the position of the user, their physical capabilities and the quantity of mounted accessories. In case of thinner users, the accessories can also be mounted on the inside of the top frame (F).



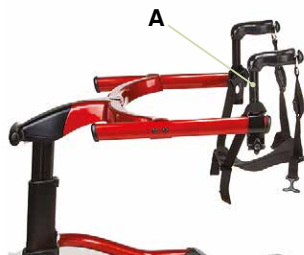
**Then firmly re-tighten the screws again after each setting/adjustment!**



## 4. Accessories.

### 4.3 Push handles

The push handles (A) have recesses (B) so that the hip positioning aid or the pelvic positioning aid can be hooked in using rings (see **Points 4.9 and 4.12**). The push handles (A) can also be used for the accompanying person, for example to push the user slightly.



#### Release the handle (C) in order to:

- Remove the adaptors (D) with the push handles (A).
- Change the position of the adaptors (D) including the push handles (A).

#### To adjust the height of the push handles (A):

- Press the button (E) and bring the push handles (A) into the required position. An audible clicking noise is heard when the push handles (A) engage in the adaptor (D).



#### In order to change the alignment of the push handles (A):

- Press the button (E), pull the respective push handle (A) out of the adaptor (D) and insert the push handle (A) in the required alignment back into the adaptor (D).



**Then firmly re-tighten the screws again after each setting/adjustment!**

## 4. Accessories.

### 4.4 Grip rings

If the **dynamic pacer.** is used as an anterior walking aid, it is recommended to mount the grip rings (A) in front of the cross strut (B) of the top frame (C). This creates stable positioning and leaves sufficient space for further accessories. In the **pacer.** (Size 0 mini) the grip rings (A) are mounted at the front of the base frame (D).

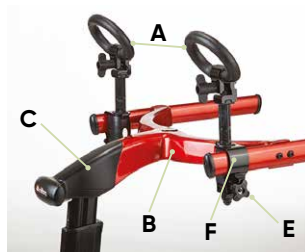
The grip rings (A) can be mounted on both the outside and on the inside of the frame for thinner users. In this way, the grip rings (A) can be positioned close to the user in any situation.

#### Release the turning handle (E) to:

- remove the adaptor (F) with the grip rings (A).
- Move the grip rings (A) including that of the adaptor (F).

#### To adjust the height of the grip rings (A):

- Press the button (G), bring the grip ring (A) into the required height and then release the button (G) again. An audible clicking noise is heard when the grip ring (A) engages in the adaptor (F).





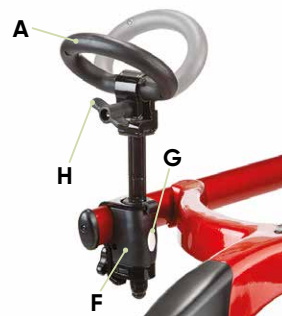
## 4. Accessories.

### To change the alignment of the grip rings (A):

- Press the button (G), pull the grip ring (A) out of the adaptor (F) and insert the grip ring (A) in the required alignment back into the adaptor (F).

### To adjust the angle of the grip rings (A):

- Loosen the wing screw (H), bring the grip ring (A) into the required angle and re-tighten the wing screw (H).



**To prevent injuries, do not mount the grip rings onto the foremost end of the top frame (I)!**



**Then firmly re-tighten the screws again after each setting/adjustment!**

## 4. Accessories.

### 4.5 Padded armrests

If the **dynamic pacer** is used as an anterior walking aid, it is recommended that the armrests (**A**) are mounted in front of the cross strut (**B**) of the top frame. This creates stable positioning and leaves sufficient space for further accessories. In the **pacer**. (Size 0 mini) the arm supports (**A**) analogue to the hand rims (see **Point 4.4**) are mounted to the base frame. The armrests (**A**) can be mounted both on the outside and on the inside of the frame for thinner users. In this way, the armrests (**A**) can be positioned close to the user in any situation.

#### Release the handle (**C**) in order to:

- Adjust the depth of the armrest/armrest pad
- Turn them upwards or downwards
- Turn them to the inside or outside

#### To adjust the armrest height (**A**):

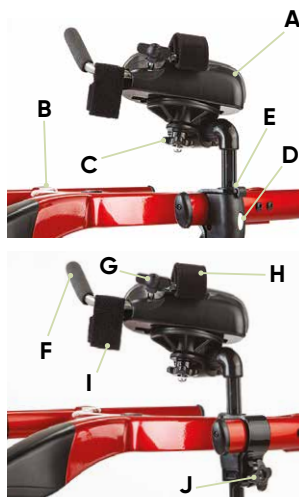
- Press the button (**D**), bring the armrest (**A**) into the required position and release the button (**D**) again. An audible clicking noise is heard when the armrest (**A**) engages in the adaptor clamp (**E**).

#### To adjust the handles (**F**):

1. Loosen the wing screw (**G**).
2. Push the handles (**F**) for different lower arm lengths forwards or backwards or from left to right. The arm strap (**H**) and the hand strap (**I**) provide appropriate safety for the user so that their arms cannot slip out.

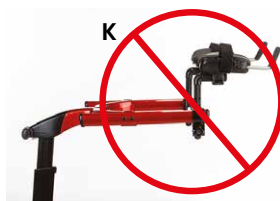
#### To move the entire armrest (**A**):

1. Loosen the wing screw (**J**).
2. Push the adaptor clamp (**E**) with the armrest (**A**) into the required position.



#### Tip - The armrests can be:

1. Adjusted horizontally.
2. Adjusted vertically by 360°.
3. Adjusted vertically at the handle.
4. Mounted anywhere on the top frame.
5. Mounted in four positions in the adaptor clamp.



**To prevent injuries, do not mount the armrests onto the foremost end of the top frame (**J**)!**



**Then firmly re-tighten the screws again after each setting/adjustment!**

## 4. Accessories.

### 4.6 Padded lower arm supports

When the **dynamic pacer** is used as an anterior walking aid, it is recommended that you mount the arm supports (A) in front of the cross strut (B) of the top frame. This creates stable positioning and leaves sufficient space for further accessories. In the **pacer**. (Size 0 mini) the arm pads analogue to the hand rims (see **Point 4.4**) are mounted to the base frame. The arm supports (A) can be mounted both on the outside and on the inside of the frame for thinner users. In this way, the arm supports (A) can be positioned close to the user in any situation.

#### Release the handle (C) in order to:

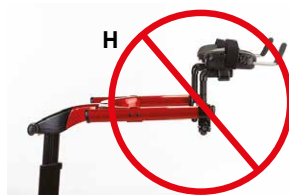
- Adjust the arm support (A) in depth
- Turn them upwards or downwards
- Turn them to the inside or outside

#### To adjust the height of the arm supports (A) :

- Press the button (D), bring the arm supports (A) into the required position and release the button (D) again. An audible clicking noise is heard when the arm support (A) engages in the adaptor clamp (E).

#### To move the entire arm support (A):

1. Loosen the wing screw (F).
2. Push the adaptor clamp (E) with arm support (A) into the required position. Press the button (D) to remove the arm supports from the adaptor clamp (E). The arm strap (G) provides appropriate safety for the user so that they cannot slip out. Release the hook and eye fastener on the arm strap (E) in order to remove it completely.



**To prevent injuries, do not mount the arm supports onto the foremost end of the top frame (J)!**



**Then firmly re-tighten the screws again after each setting/adjustment!**



**Ensure that no extremities are located in the setting or adjustment area!**



## 4. Accessories.

### 4.7 Torso support

Mount the torso support (A) directly behind the oval crossbar on the top frame and/or the base frame. A safety loop is mounted on the front side of the torso support (A). The torso support can simply be opened and closed through plug locks (D).



#### To adjust the width:

- Position the adaptor clamps (B) with the torso support (A) in any position on the top frame and/or the base frame.
- Loosen the wing screws (C) and bring the torso support (A) into the required position.

#### In order to turn the torso support (A):

- Completely unscrew the wing screws (C).
- Turn the torso support (A) in the required position.
- Mount the wing screws again (C) and tighten them.

#### In order to adjust the height of the torso support (A):

- Press the buttons (E), bring the torso support (A) into the required height and let go of the buttons (E) again.
- An audible clicking noise is heard when the adaptors have engaged.

## 4. Accessories.

**In order to reposition or remove the entire torso support (A):**

- Loosen the adaptor clamps (B).
- Push the torso support (A) backwards or forwards.
- In order to remove the adaptor clamps (B) including the torso support (A), see **Point 4.2.**

The straps (F) can be adapted independently of one another in order to tighten the torso support (A) or to loosen it. In addition, the tilt angle of the user can thus be adjusted. The torso support (A) can be opened both at the front and to the rear. In this way, anterior or posterior utilisation are facilitated.



**Position the user in the dynamic pacer so that the user's centre of gravity lies between the castors.**



**Then firmly re-tighten the screws again after each setting/adjustment!**

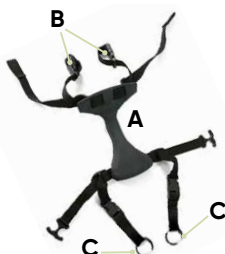
## 4. Accessories.

### 4.8 Hip positioning aid

The hip positioning aid (A) helps people to walk tilted forwards.

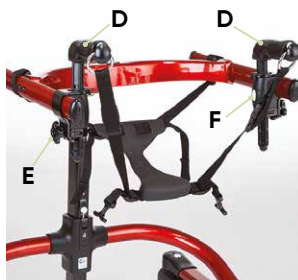
#### To attach the hip positioning aid (A):

- Push the loops (B) into the required position on the top frame and/or the base frame.
- Hook the rings (C) into the push handles (D) (see **Point 4.3**).



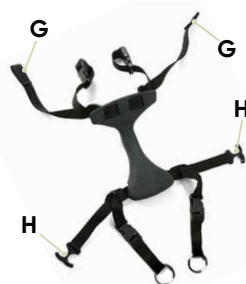
#### To change the height of the hip positioning aid (A) on the frame:

- Loosen the screws (E).
- Bring the push handles including the adaptor clamps on the top frame and/or base frame into the required position.



#### To change the height of the hip positioning aid (A) at the rear:

- Press the buttons (F), bring the push handles (D) into the required position and release the buttons (F) again. An audible clicking noise is heard when the push handles have engaged.
- The fine adjustments in height are undertaken via the straps (G) and (H). To do this, pull on the respective strap to bring the hip positioning aid (A) to the required height.



**To prevent injuries, do not mount the hip positioning aid onto the foremost end of the top frame and/or the base frame!**



**Then firmly re-tighten the screws again after each setting/adjustment!**



## 4. Accessories.

### 4.9 Hip positioning pad

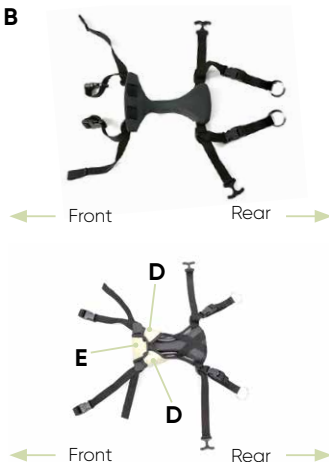
The hip positioning pad (A) is mounted to the hip positioning aid (B). To do this, please follow the steps below:

1. Pull the rear straps of the hip positioning aid (B) through the crossed straps (C) on the hip positioning pad.
2. Pull the straps (D) of the hip positioning pad (A) to the middle of the hip positioning pad (B). Then pull the flap (E) to the centre and close the press studs.
3. Now attach the hip positioning aid (B) and the hip positioning pad to the gait trainer (see **Point 4.8**).

**A**



**B**



## 4. Accessories.

### 4.10 Function and parking handbrake (only on the combination sub-frame)

#### Attachment to the sub-frame

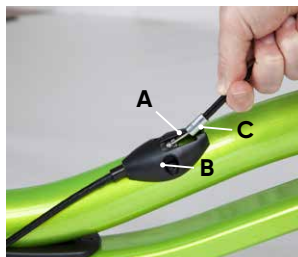
1. Clip the round end of the brake cable (A) into the bracket on the base frame (B).
2. Pull the cable housing (C) forwards and down, then clamp it into the rear end of the bracket.



To dismantle the function and locking brake, follow the previous steps in reverse order.



**If the cable housing (C) cannot be pulled back far enough so that it can be inserted into the bracket, turn the lock (E) below the function and locking brake in a clockwise direction!**



#### Settings

To set the brake, release the lock (E) and/or tighten this until the required brake effect is reached.



**A gap of approx. 1.5 mm should remain between the rear wheel and brake body.**

The function and parking handbrake can only be used on the combination sub-frame (see **Point 3.2.2**) and in connection with the padded armrests (see **Point 4.5**) and the lower arm pads. With the aid of the function and parking handbrake, the **dynamic pacer** can on the one hand be braked during walking. To do this, pull the white lever (D) to the rear in the direction of the armrest. On the other hand, the walking trainer can also be secured against inadvertent rolling away. To do this, push the white lever (D) to the front to activate the parking brake.





## 4. Accessories.

### 4.11 Pelvis positioning aid

The pelvic positioning aid (A) provides an alternative to the hip positioning aid (see **Point 4.8**) and absorbs part of the user's weight.

#### To attach the pelvic positioning aid (A):

- Push the loops (B) into the required position on the top frame and/or the base frame.
- Hook the rings (C) onto the push handles (see **Point 4.3**).



#### To change the pelvic positioning aid (A) on the frame:

- Loosen the screw (D).
- Bring the push handles (E) including the adaptor clamps (F) on the top frame and/or base frame into the required position.



#### To change the height of the rear pelvic positioning aid (A):

- Press the button (G), bring the push handles (E) into the required position and release the button (G) again. An audible clicking noise is heard when the push handles (E) have engaged.
- The fine adjustments in height are undertaken via the straps (H) and (I). To do this, pull at the respective strap and bring them into the required position.



**To prevent injuries, do not mount the pelvic positioning aid onto the foremost end of the top frame!**



## 4. Accessories.

### 4.12 Thigh positioning aid

We recommend that you mount the upper thigh positioning aid (A) behind the torso support on the top frame or base frame. The adaptor clamps (B) of the upper thigh positioning aid (A) differ in external appearance to the adaptor clamps (see **Point 4.2**) of the other accessory parts, but actually function in the same way.

#### 1. To fold away the thigh positioning aid (A):

- Loosen the screw (C).
- Bring the upper thigh positioning aid (A) into the required position.

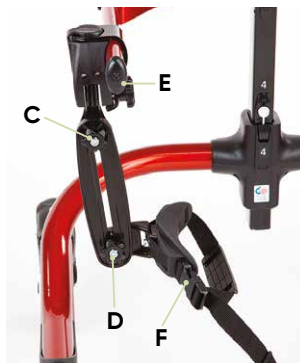
#### 2. To fold away the thigh positioning aid (A) upwards or downwards:

- Loosen the screw (D).
- Bring the upper thigh positioning aid (A) into the required position.

#### 3. To position the upper thigh positioning aid (A) to a different area of the frame:

- Loosen the screw (E).
- Bring the upper thigh positioning aid (A) including the adaptor clamp into the required position.

#### 4. With the aid of the plug lock (F), the upper thigh positioning aid (A) on the user's upper thigh can be locked.



**Then firmly re-tighten the screws again after each setting/adjustment!**

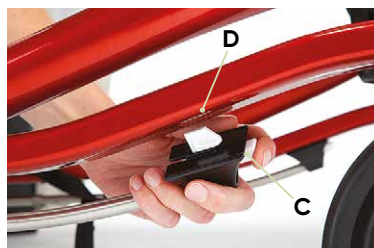
## 4. Accessories.

### 4.13 Ankle positioning aids

- Combination sub-frame: Insert the end (A) of the rod (1) into the hole on the rear wheel (B). Then pull back the white bar (C) and insert it into the recess (D) on the underside of the sub-frame.
- Standard sub-frame and **pacer**. (Size 0 mini): Pull the white bar (C) on the ends of the rods (2) back, and insert them into the recesses (D) on the underside of the sub-frame or base frame.

### Adjustment

- In order to fasten the ankle positioning aid (E) on the user's ankles, open the lock (F), place the strap around the ankles and close the lock (F) again.
- The strap (G) permits the individual adjustment to the inside leg length of the user. To do this, simply adjust it to the correct length.
- In order to pre-adjust the inside leg length for the user or to limit it, press the clips (H) together with your thumb and forefinger and move the clips (H) on the rod into the required position.



## 4. Accessories.

### 4.14 Therapy table

The therapy table (A) is mounted with the aid of an adaptor clamp (B) onto the top frame (C) of the **dynamic pacer**. and/or the base frame of the **pacer**. (Size 0 mini) attached (see **Point 2.7.1**).

**In order to change the position of the therapy table (A):**

- Loosen the screw (D) and bring the therapy table into the required position.

**In order to change the angle of the therapy table (A):**

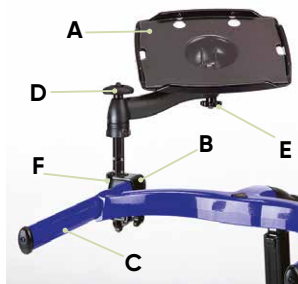
- Loosen the screw (E) and bring the therapy table into the required position.

**In order to adjust the height of the therapy table (A):**

- Press the button (F) on the adaptor clamp (B) and bring the therapy table into the required position. An audible clicking noise is heard when the therapy table has engaged.

**In order to remove/mount the transparent plate (G) of the therapy table (A):**

- Insert your fingers into the holes (H) from the rear, and press the plate (G) out using some force.
- Mount the plate (G) by inserting the moulds (I) into the recesses (J) and pushing down the plate (G) with some force.



In order to prevent tipping and injuries:



**Do not use the therapy table to support the body!**



**Never leave the user unsupervised!**



**Do not load the therapy table with more than 4.5 kg!**

## 4. Accessories.

### 4.15 Multi-positioning saddle (MPS) (only for the dynamic pacer. Size 1 - 4)

#### Assembly/removal for size 1

- To mount the small MPS on the top frame, insert the MPS into the recess on the underside of the top frame (A).
- To remove the small MPS, press the buttons (B) and pull the MPS out of the recess.



#### Assembly/removal for size 2-4

- In order to mount the multi-positioning saddle (MPS) on the top frame, press the button (C) and insert the MPS into the recess on the underside of the top frame (D).
- In order to remove the MPS, press the button (C) and the safety button (E) and pull the MPS out of the recess.



#### Settings

- In order to adjust the height, press the button (F) and bring the MPS into the required position.
- In order to adjust the seat angle, press the button (G) and bring the MPS into the required position.
- In order to adjust the seat depth, press the button (H) and bring the MPS into the required position.
- In order to adjust or to remove the hip system in depth, press the button (I).
- In order to remove the seat, first remove the hip system and pull the seat as far to the rear as possible whilst keeping the button (H) pressed. Then simultaneously press the buttons on both sides (J) and remove the seat.
- In order to adjust the hip system in height or to remove it, press the button (K).



**In order to avoid accidents, the hip system should be used for users who cannot or who can only bear a little of their own weight!**



**Ensure that no extremities are located in the setting or adjustment area!**



## 4. Accessories.

- The strap (**A**) on the rear of the hip system can be mounted or removed using the plug lock. The pad on the hip system can be mounted or removed using the hook and eye fastener. In order to release the strap completely, press the little white button which is located under the pad and remove the strap rings from the mount.



**Tip: Every white button or lever features a setting/adjustment option!**



**Ensure that no extremities are located in the setting or adjustment area!**

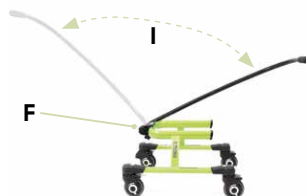
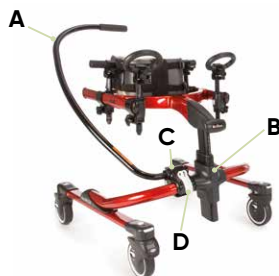
## 4. Accessories.

### 4.16 Push bar for escorts

The push bar (A) can be attached to the left and also the right next to the support of the top frame (B) on the sub-frame of the **dynamic pacer**. The push bar (A) is attached using an adaptor clamp (C) that is affixed via the quick release (D). If the quick release (D) does not tighten correctly, open it again and turn it clockwise (always half a turn) until the required strength is reached, and then close it again.

In the **pacer**. (Size 0 mini) (E) the adapter clamp (F) of the push bar is positioned in the middle on the frame (G) to guarantee optimum stability. To attach, tighten the turning handle (H).

When assembled, the push bar can be positioned both in front of and / or behind the user (I) so that the user can be pushed or pulled.



**Never leave the user unsupervised!**



**As soon as the push bar is no longer needed, please remove it.**

## 5. Use

### 5.1 As anterior walking aid

#### Orientated to the front

The figures show normal positioning. Please observe that the torso support does not tilt and the hip positioning aid or pelvic positioning aid is mounted behind the user's shoulder area.

#### 1. Apply the brakes on the castors.

#### 2. Orientate yourself on the settings for the

- Torso support (**Point 4.7**)
- Arm support (**Point 4.6**)
- Hip or pelvis positioning aid (**Point 4.8 and 4.11**)
- Top frame height (**Point 3.2**)
- Ankle positioning aid (**Point 4.13**)

#### 3. Release:

- The rings at the rear part of the hip or pelvic positioning aid
- The safety locks in the rear part of the torso support
- The belts on the arm supports, upper thigh guidance and ankle positioning aid

#### 4. Place the user into the gait trainer

- Close the safety locks on the torso support

#### 5. Pull the hip or pelvic positioning aids over the user's legs and

- hook the rings into the recess on the push handles
- or close the safety locks

#### 6. Secure the lower arms with the straps on the arm supports

#### 7. Pull the straps around the pelvic positioning aid and the ankle positioning aid tight

#### 8. Release the brakes on the castors.





## 5. Use

### Leaned forwards

The figure shows that the user is tilted further forwards than in the standard position. Here please observe the angle of the torso support and that the hip positioning aid is mounted behind the shoulder area of the user. Here the hip positioning aid is mounted on the torso support. The brakes of the castors are tightened.



#### 1. To adjust the tilt of the user forwards:

- Adjust the angle of the torso support (see **Point 4.7**).

#### 2. Adjust the hip or pelvic positioning aid:

- Adjust the push handles in height (see **Point 4.3**).
- Adjust the belts on the hip or pelvic positioning aids so that the user's pelvis is tilted forwards slightly and is adjusted in relation to the torso support (see **Points 4.8 and 4.11**).

#### 3. Adjust the grip rings and / or arm supports

- Adjust the height, the width and the angle of the grip rings and arm supports (see **Points 4.4, 4.5 and 4.6**).

#### 4. Adjust the pelvis / thigh positioning aid

- Adjust the upper thigh and pelvic positioning aid and the straps in order to adjust the inside leg length for the user (see **Points 4.11 and 4.12**).
- The upper thigh positioning aid is important to adjust the distance between the upper thighs. It also prevents rotation of the user in the walking aid.

#### 5. Adjust the ankle positioning aids

- Adjust the straps and the clips on the ankle positioning aid to adjust the inside leg length for the user (see **Point 4.13**).

#### 6. Adjust the position and the angle of the table (see **Point 4.14**).

#### 7. Release the brakes on the castors (see **Point 3.3**).



**Position the user in the gait trainer so that the user's centre of gravity lies between the castors!**



**Use the appropriate accessories in order to prevent the user's feet getting caught!**



**Do not mount the armrests, arm supports and grip rings at the foremost end of the top frame and/or the base frame!**



**To avoid crush injuries and pressure sores, do not place the torso support precisely under the user's armpits!**



## 5. Use

### 5.2 As posterior walking aid

The user can be positioned in the gait trainer so that they face in the direction of the open frame. This allows freedom of movement. The torso support can, if used, be opened at the front and back (see **Point 4.7**).

1. Apply the brakes on the castors (see **Point 3.3**).
2. Remove all accessories which you do not need.
3. Mount the required accessories onto the rear top frame or base frame.
4. Release the directional stability if necessary (see **Point 3.3**).
5. Should further accessories be required, please observe the recommendations for anterior positioning in reverse order (see **Point 5.1**).
6. Release the brakes on the castors (see **Point 3.3**).



**Position the user in the gait trainer so that the user's centre of gravity lies between the castors!**



**Use the appropriate accessories in order to prevent the user's feet getting caught!**



**Do not mount the armrests, arm supports and grip rings at the foremost end of the top frame!**

## 6. Repairs and cleaning.

### 6.1 Care

When necessary, the product should be cleaned with disinfectant wipes or a disinfectant solution with up to 10% bleach. Do not use too much water. The straps with plug lock or hook and eye fastener can be washed. Do not iron! Remove dirt and sand with a little water after the gait trainer has been used outside. Please also pay attention to our general cleaning and hygiene advice. This can be found at [www.schuchmann.de/mediathek](http://www.schuchmann.de/mediathek). Do not use aggressive cleaning agents such as solvents, hard brushes etc.

### 6.2 Repairs

Please carry out a daily visual inspection and check the walking aid regularly for cracks, breaks, missing parts and malfunctions. In case of a defect or malfunction, please contact the specialist dealer who supplied you with the product (see **Point 9.5**).

### 6.3 Spare parts

Should you wish to order spare parts, please contact the specialist dealer who supplied you with the walking aid (see **Point 9.2**), stating the serial number (see **Point 9.5**).

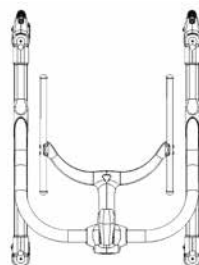
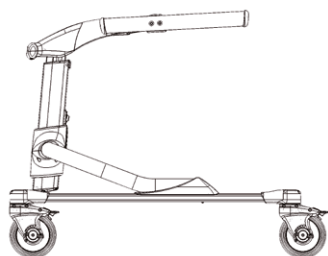
### 6.4 Duration of use and re-use

The expected duration of use of our product, dependent on the usage intensity and amount of re-use, totals up to "8" years if the usage takes place in accordance with the information in these Instructions for use. It may be possible to use the product over and above this time period if it is in a safe condition. The expected duration of use does not refer to wear parts (for example pads, castors /wheels .....). The maintenance and evaluation of the condition, and if applicable the potential for re-use, must be decided by the specialist trader. The walking aid is suitable for re-use. Prior to forwarding on, please follow the cleaning and disinfection instructions in **Chapter 6.1**. Accompanying documents such as these Instructions for use are part of the product and must be passed on to the new user. No disassembly is required prior to re-use. In the case of storage, it is recommended to fold the product to the smallest dimension to save space.



## 7. Technical data.

### Dimensions - basic model



		Size 0 mini	Size 1	Size 2	Size 3	Size 4
Recommended elbow height		39–52 cm	47–70 cm	61 – 89 cm	81–119 cm	86–124 cm
Total width	Standard sub-frame	52 cm	58 cm	66 cm	71 cm	80 cm
	Combination sub-frame	-	-	76 cm	81 cm	-
	Narrow treadmill sub-frame	-	89 cm	89 cm	89 cm	-
	Wide treadmill sub-frame	-	102 cm	102 cm	102 cm	-
Turning radius	Standard sub-frame	-	-	91.5 cm	104.5 cm	128.5 cm
	Combination sub-frame	-	-	187 cm	209 cm	-
Total length	Standard sub-frame	57 cm	66 cm	76 cm	91 cm	101 cm
	Combination sub-frame	-	-	94 cm	103 cm	-
	Treadmill sub-frames	-	104 cm	104 cm	104 cm	-
Frame height	Standard / combination sub-frame	32 cm	41–53 cm	53–69 cm	74–99 cm	79–104 cm
	Treadmill sub-frames	-	58–89 cm	74–118 cm	74–118 cm	-
Height of sub-frame (without top frame)	Standard / combination sub-frame	-	28 cm	38 cm	41 cm	47 cm
	Treadmill sub-frames	-	53 cm	53 cm	53 cm	-
Weight	Standard sub-frame	4.6 kg	5.2 kg	6.4 kg	7 kg	10.2 kg
	Combination sub-frame	-	-	8.1 kg	7 kg	-
	Narrow treadmill sub-frame	-	12.5 kg	12.5 kg	12.5 kg	-
	Wide treadmill sub-frame	-	12.7 kg	12.7 kg	12.7 kg	-
	Standard top frames	-	2.7 kg	3.4 kg	4.4 kg	4.9 kg
	Dynamic top frames	-	3.4 kg	5.2 kg	6.1 kg	6.8 kg
Move the dynamic top frame	Vertical	-	3.5 cm	8 cm	8 cm	8 cm
	Horizontal	-	4 cm	5 cm	5 cm	5 cm
Max. treadmill width	Narrow treadmill sub-frame	-	74 cm	74 cm	74 cm	-
	Wide treadmill sub-frame	-	86 cm	86 cm	86 cm	-
Max. treadmill height	Treadmill sub-frames	-	28 cm	28 cm	28 cm	-
max. load		23 kg	34 kg	68 kg	91 kg	113 kg

## 8. Guarantee.

The two-year statutory guarantee period shall apply for all products. This begins with the delivery or handover of the goods. Should a verifiable material or manufacturing fault occur within this time period, we shall, after carriage paid return to us, view the indicated damage and, if applicable, either repair or deliver a new product at our discretion.

## 9. Identification.

### 9.1 EC declaration of conformity

**Company** Schuchmann GmbH & Co.KG  
 Dütestr. 3  
 D-49205 Hasbergen  
 Tel.: +49 (0) 54 05 / 909 - 0  
 Fax: +49 (0) 54 05 / 909 - 109



declares on their sole responsibility that the product named below, classified in product class 1,

**dynamic pacer.** The dynamic walking aid.

Art.-No.: 33 02 xxx - 33 03 xxx

**pacer.** the ingenious walking aid

Art.-No.: 33 00 300 (Size 0 without distance measurement system))  
 33 00 201 (Size 0 with distance measurement system)



## 9. Identification.

corresponds with the relevant regulations of the regulations and guidelines listed below:

- EC Directive 93/42/EEC on medical products from 14th June 1993
- DIN EN 12182:2012 Technical aids for the disabled
- EN ISO 14971 Medical products – Application of risk management on medical products
- DIN EN ISO 11199-3:2005 Walking aids manipulated by both arms – Requirements and test methods – Part 3: Walking frames

This declaration of conformity applies only for products with the Article numbers and is valid until 01.05.2020.

**Date** 13.01.2017

**Signature**

A handwritten signature in black ink, appearing to read 'T. Schuchmann', is written over a horizontal line.

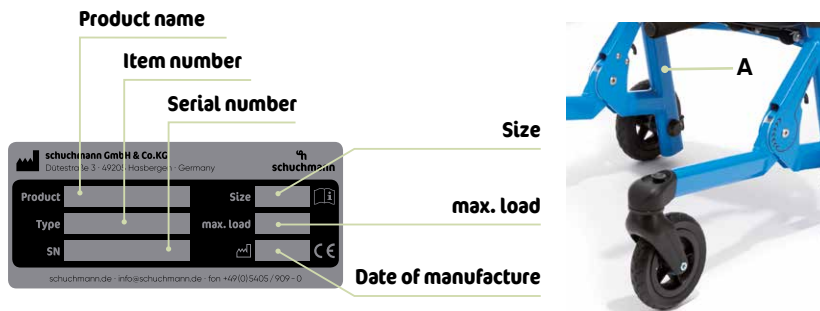
**Name** Torsten Schuchmann

**Function** Safety Representative for Medical Products

## 9. Identification.

### 9.2 Serial number / date of manufacture

The serial number, the date of manufacture and other information can be found on the type plate, which is located on all of our products (**A+B**).



### 9.3 Product version

The gait trainer is available in five sizes and can be supplemented through a diverse range of accessories (see **Point 4**).

### 9.4 Issue of the document

Instructions for use **dynamic pacer..** – Change status F; Issue 08.2019

### 9.5 Name and address of the manufacturer, specialist dealer supplying the product

This product was manufactured by:



#### Schuchmann GmbH & Co. KG

Dütestraße 3 · 49205 Hasbergen

Tel. +49 (0)5405/909-0 · Fax +49 (0)5405/909-109

info@schuchmann.de · www.schuchmann.de

This product has been delivered by the following specialist dealer:





**schuchmann.de**