dynamic pacer.

rifton

Instructions for use.

dynamic pacer. The dynamic gait trainer.

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

Contents.

1. Preparation. 05
1.1 Delivery 05
1.2 Safety measures prior to use 05
1.3 Safe disposal 05
1.3.1 Packaging 05
1.3.2 Product 05
2. Product description. 06
2.1 Material information 06
2.2 Symbolbeschreibungen 06
1.4 Where to store the Instructions for use 06
2.3 Handling / transport 07
2.4 Application areas, use according to the intended purpose 07
2.4.1 Indication 07
2.4.2 Contraindications 07
2.5 Use not in accordance with the intended purpose / warning guidelines 08
2.6 Equipment for basic model 09
2.6.1 **pacer mini.** (Size 0) 09
2.6.2 **dynamic pacer.** (Size 1 - 4) 09
2.7 List of accessories 09
2.8 Product overview 010
2.8.1 **pacer mini.** (Size 0) 010
2.8.2 **dynamic pacer.** (Size 1 - 4) 010
3. Settings. 11
3.1 Top frame 11
3.1.1 Standard top frames 11
3.1.2 Dynamic top frame 12
3.2 Sub-frames 13
3.2.1 Standard sub-frame 13
3.2.2 Combination sub-frame (size 2 + 3) 13
3.3 Castors / wheels 14
3.3.1 Direction locks 14
3.3.2 Parking brake 14
3.3.3 Friction brake 14
3.3.4 Backwards stop 14
4. Accessories. 15
4.1 Distance measurement system 15
4.2 Adapter clamp for accessories 15
4.3 Push handles 16
4.4 Grip rings 17
4.5 Handles 18

Contents.

4.6 Padded armrests ... 19
4.7 Padded lower arm supports ... 20
4.8 Chest structure ... 21
4.9 Torso support ... 22
4.10 Hip positioning aid ... 23
4.11 Hip positioning pad ... 24
4.12 Function and parking handbrake ... 25
4.13 Pelvis positioning aid ... 26
4.14 Thigh positioning aid ... 27
4.15 Ankle positioning aids ... 28
4.16 Therapy table ... 29
4.17 Multi-positioning saddle (MPS) ... 30
4.18 Push bar for escorts ... 32
5. Use. ... 33
5.1 As anterior gait trainer ... 33
5.2 As posterior gait trainer ... 35
6. Cleaning and maintaining. ... 36
6.1 Cleaning and disinfecting ... 36
6.1.1 Cleaning ... 36
6.1.2 Disinfection ... 36
6.2 Servicing ... 36
6.3 Maintenance ... 36
6.3.1 Maintenance specifications ... 37
6.3.2 Maintenance plan ... 37
6.3 Spare parts ... 38
6.5 Duration of use and re-use ... 38
7. Technical data. ... 39
7.1 Dimensions ... 39
8. Guarantee. ... 40
9. Identification. ... 41
9.1 Serial number / date of manufacture ... 41
9.2 Product version ... 41
9.3 Issue of the document ... 41
9.4 Name and address of the manufacturer, specialist dealer supplying the product ... 41

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.

1.2 Safety measures prior to use

The correct use of the product requires detailed and thorough instruction of the user or the accompanying person. We ask you to read through the Instructions for use carefully prior to initial commissioning of the product, and to observe them. It is possible that product parts that get in contact with the skin may heat up in the sun. Depending on the duration and intensity of solar radiation, the surfaces of individual parts can heat up to over 41°C and thus lead to slight burns in the event of direct skin contact. Therefore cover these areas or protect the device 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 packaging of the product should be kept for any future transport that might be required. 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. Otherwise, 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

At the end of the product life cycle, recycle the raw materials used in the product according to their nature (see material information under **point 2.1**).

1. Preparation.

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. Should you lose the instructions, you can always download an updated version at www.schuchmann.de.

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 Symbolbeschreibungen

Symbol	Beschreibung
	Follow the instructions for use (in accordance with ISO 7010)
	This is a medical device
	The product complies with the requirements of the MDR
	Manufacturer of the medical device
	Date of manufacture of the medical device

2. Product description.

Symbol	Beschreibung
	Warning: risk of getting fingers caught

2.3 Handling / transport

The gait trainer 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 gait trainer, reduce all adjustments to their most compact size (lower top frame, forearm supports etc.).

Tighten all moving parts prior to carrying!

2.4 Application areas, use according to the intended purpose

The **dynamic pacer.** gait trainer is a class 1 medical device and can be suited for indoor and outdoor use, depending on the chosen configuration. It supports users when learning to walk and in the event of impaired mobility. Any other use or use over and above this purpose shall be considered not in accordance with the intended purpose.

2.4.1 Indication

The **dynamic pacer.** gait trainer is suited for:

- Users with impaired mobility with damage to movement/coordination/balance (e.g. in the event of damage to the central nervous system)
- Maintaining/promoting/ensuring walking and standing/of the movement development/stabilisation of the posture (gait training and learning to walk), also with partial or full weight relief
- Users with pronounced spasticity to channel the power of the user.

2.4.2 Contraindications

In general, the indications for walking training should be approved by a doctor or orthopedist. It should therefore be clarified prior to procurement whether contraindications exist for the patient.
In general, any type of pain represents a contraindication. No walking trainer procurement should be carried out without having established beforehand if the user suffers from a foot deformity requiring special care.

2. Product description.

2.5 Use not in accordance with the intended purpose / warning guidelines

- Ensure that the gait trainer is stored in a dry place.
- Ensure that the gait trainer 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 gait trainer may not be placed close to an open fire or any other strong source of heat such as electric or gas heaters.
- The standard sub-frame of the gait trainer may only be used on stable and flat ground.
- The max. load excluding the accessories (see **Point 7**) may not be exceeded.
- The gait trainer 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 gait trainer 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 gait trainer.
- 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.

2.6 Equipment for basic model

2.6.1 pacer mini. (Size 0)

- 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.

2.6.2 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

2.7 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
- Handles
- Chest structure

2. Product description.

2.8 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.

2.8.1 pacer mini. (Size 0)

2.8.2 dynamic pacer. (Size 1 - 4)

Therapy table

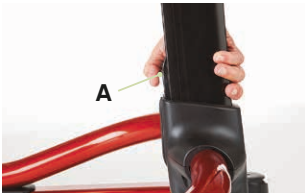
Standard top frames with combination sub-frame (for size 2 - 3)

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.
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**).

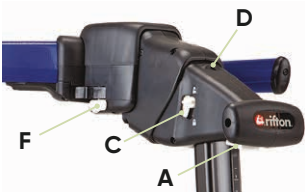
3.1.1 Standard top frames

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 4.6 and 4.7) 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).

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)

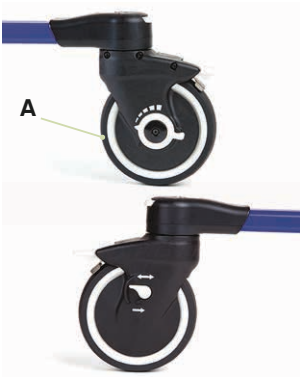
The combination sub-frame (**C**) is equipped with two 8" front wheels (**D**) and two 11½" rear wheels (**E**). The parking brake, friction brake and backwards stop are located in the rear wheels (**E**). The direction lock (**D**) is located in the front wheels (see **Point 3.3.1**). Optionally, the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

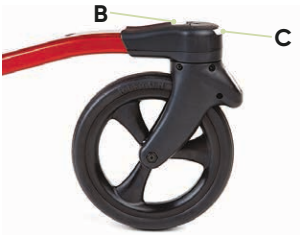
Stop the treadmill before settings are conducted on the gait trainer!

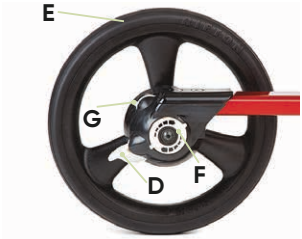
3. Settings.

3.3 Castors / wheels

The 5 ½" casters (**A**) on the standard 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.

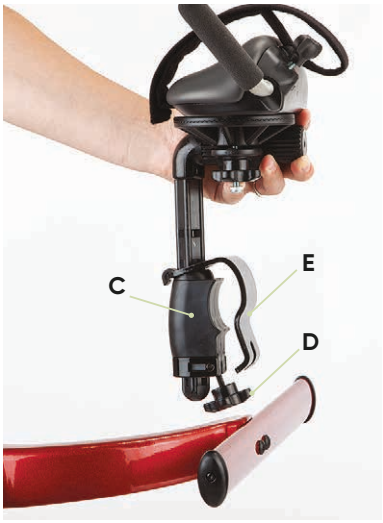
4.1 Distance measurement system

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.

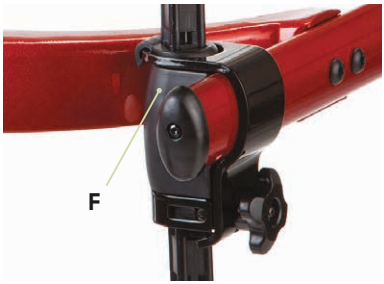
4.2 Adapter clamp for accessories

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

1. Release the handle (**D**) and press it downwards.
2. Lift the bar (**E**) up.
3. Position the adapter (**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**).

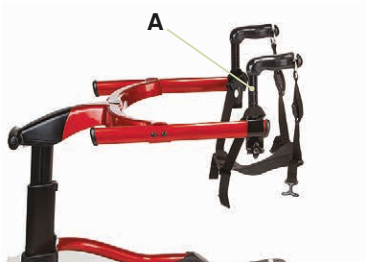


Then firmly re-tighten the screws again after each setting/adjustment!

4. Accessories.

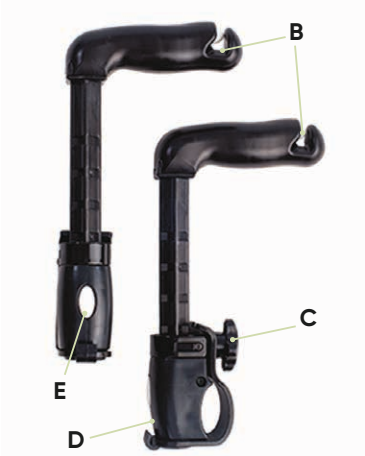
4.3 Push handles

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 adapters (**D**) with the push handles (**A**).
- Change the position of the adapters (**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 adapter (**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 adapter (**D**) and insert the push handle (**A**) in the required alignment back into the adapter (**D**).

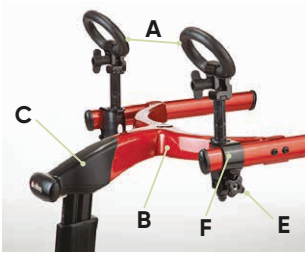
Then firmly re-tighten the screws again after each setting/adjustment!

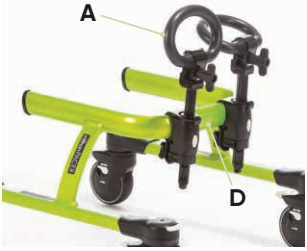
4. Accessories.

4.4 Grip rings

If the **dynamic pacer.** is used as an anterior gait trainer, 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 mini.** (Size 0) 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 twist grip (E) to:

- remove the adapter (**F**) with the grip rings (**A**).
- Move the grip rings down (**A**) including that of the adapter (**F**).

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

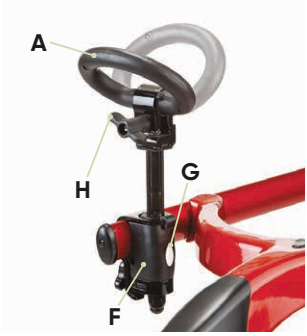
- Press the button (**G**), bring the grip ring (**A**) into the required height and then release the button (**G**) again. An audible clicking noise is heard when the grip ring (**A**) engages in the adapter (**F**).

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

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



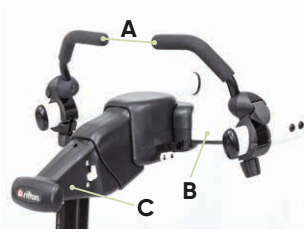
To prevent injuries, do not mount the grip rings onto the foremost end of the top frame (I)!

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

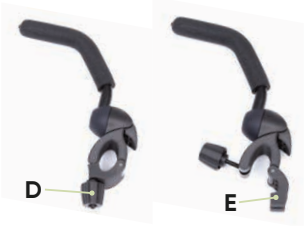
4. Accessories.

4.5 Handles

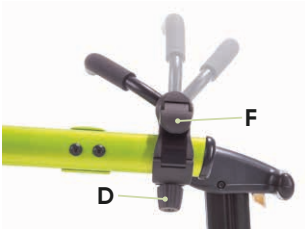
If the **dynamic pacer.** is used as an anterior gait trainer, it is recommended to mount the handles (**A**) in front of the cross strut (**B**) of the top frame (**C**). This creates stable positioning and leaves sufficient space for further accessories. To mount the handles (**A**), proceed as follows:



1. Release the twist grip (**D**) and press it upwards.
2. Open the bar (**E**).
3. Position the handle (**A**) onto the frame and close the bar (**E**).
4. Press the twist grip (**D**) up again and re-tighten it.



The positioning of the handles (**A**) on the frame is dependent on the position of the user, their physical capabilities and the quantity of mounted accessories.



Adjust the angle of the handles (A):

- Pull the clamping lever (**F**), upwards, move the handle (**A**) to the required angle and then push the clamping lever (**F**) down again.

Release the twist grip (D) to:

- push the handle (**A**) back.
- remove the handle (**A**).

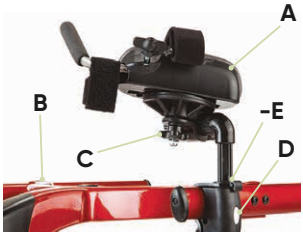
To prevent injuries, do not mount the handles onto the foremost end of the top frame (G)!

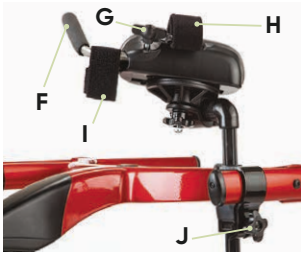
Then firmly re-tighten the twist grip again after each setting/adjustment!

4. Accessories.

4.6 Padded armrests

If the **dynamic pacer.** is used as an anterior gait trainer, 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 mini.** (Size 0) 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 adapter clamp (**E**).

To adjust the handles (F):

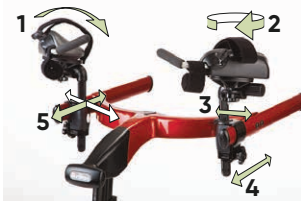
1. Loosen the wing screw (**G**).
2. Push the handles (**F**) for different lower arm lengths forwards or backwards or from left to right. The arm strap (**H**) and the hand strap (**I**) provide appropriate safety for the user so that their arms cannot slip out.

To move the entire armrest (A):

1. Loosen the wing screw (**J**).
2. Push the adapter 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 adapter clamp.



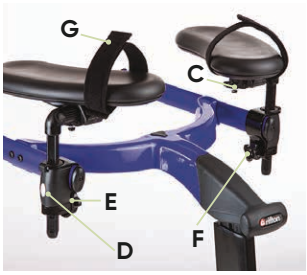
To prevent injuries, do not mount the armrests onto the foremost end of the top frame (J)!

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

4. Accessories.

4.7 Padded lower arm supports

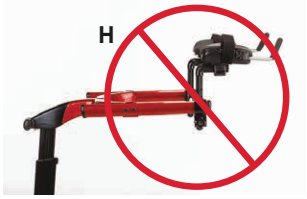
When the **dynamic pacer.** is used as an anterior gait trainer, it is recommended that you mount the arm supports (**A**) in front of the cross strut (**B**) of the top frame. This creates stable positioning and leaves sufficient space for further accessories. In the **pacer mini.** (Size 0) the arm 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)



To adjust the width: xxxxtttft

- 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 adapter clamp (**E**).

To move the entire arm support (A):

1. Loosen the wing screw (**F**).
2. Push the adapter clamp (**E**) with arm support (**A**) into the required position. Press the button (**D**) to remove the arm supports from the adapter 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.

4.8 Chest structure

Mount the chest structure (**A**) directly behind the oval crossbar on the top frame and/or the base frame. There is a rear strap (**B**) attached to the back of the chest structure (**A**); these can be opened and closed easily by means of plug locks (**C**) on both sides.

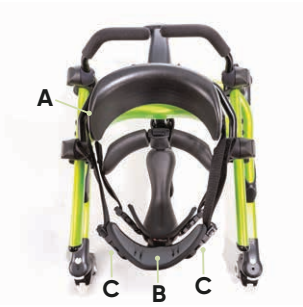
To mount the chest structure (**A**), proceed as follows:

1. Release the twist grip (**D**) on both sides and press them up.
2. Open the bar (**E**).
3. Position the chest structure (**A**) onto the frame and close the bar (**E**).
4. Press the twist grip (**D**) up again and re-tighten it.

The positioning of the chest structure (**A**) on the frame is dependent on the position of the user, their physical capabilities and the quantity of mounted accessories.

Adjust the angle of the chest structure (A):

- Pull the clamping lever (**F**), upwards, move the chest structure (**A**) to the required angle and then press the clamping lever (**F**) down again.



To adjust the height of the chest structure (A):

- Pull the clamping lever (**G**), upwards, move the chest structure (**A**) to the required height and then press the clamping lever (**F**) down again.

Then firmly re-tighten the twist grip again after each setting/adjustment!

4. Accessories.

4.9 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 adapter 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 adapters have engaged.

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

- Loosen the adapter clamps (**B**).
- Push the torso support (**A**) backwards or forwards.
- In order to remove the adapter 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.

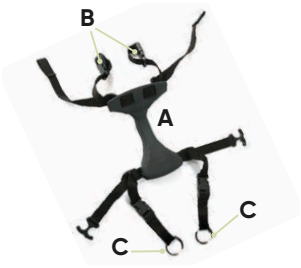
Position the user in the dynamic pacer. so that the user's centre of gravity lies between the castors.

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

4. Accessories.

4.10 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 adapter 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!

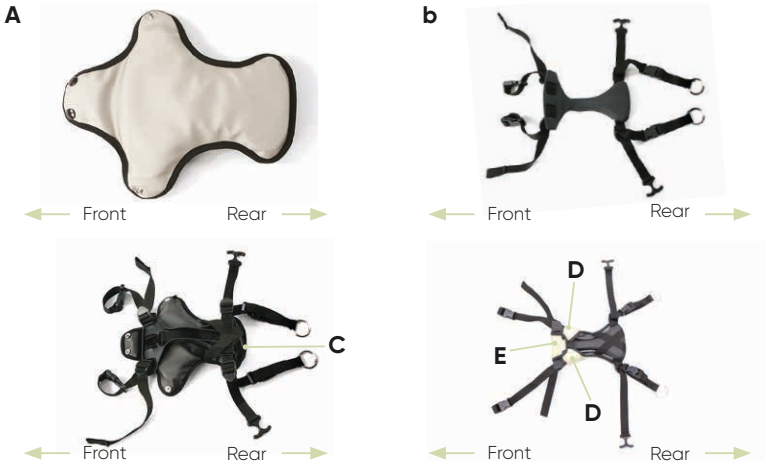
Then firmly re-tighten the screws again after each setting/adjustment!

4. Accessories.

4.11 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 4.10**).

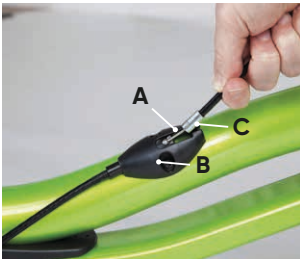


4. Accessories.

4.12 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 s 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 4.6**) 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.

4.13 Pelvis positioning aid

The pelvic positioning aid (**A**) provides an alternative to the hip positioning aid (see **Point 4.10**) and absorbs part of the user's weight.

To attach the pelvis 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 adapter 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):

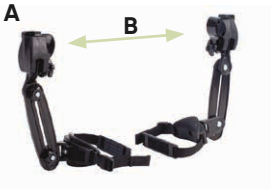
- Press the button (**G**), bring the push handles (**E**) into the required position and release the button (**G**) again. An audible clicking noise is heard when the push handles (**E**) have engaged.
- The fine adjustments in height are undertaken via the straps (**H**) and (**I**). To do this, pull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

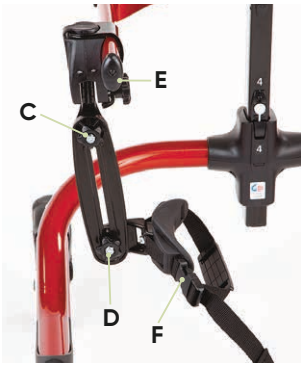
4.14 Thigh positioning aid

We recommend that you mount the upper thigh positioning aid (**A**) behind the torso support on the top frame or base frame. The adapter clamps (**B**) of the upper thigh positioning aid (**A**) differ in external appearance to the adapter 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.



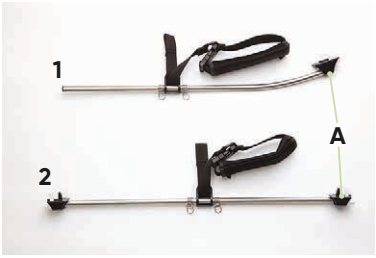
3. To position the upper thigh positioning aid (A) to a different area of the frame:
- Loosen the screw (**E**).
- Bring the upper thigh positioning aid (**A**) including the adapter clamp into the required position.

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!

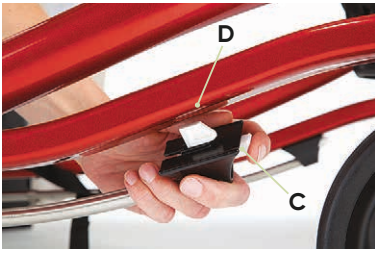
4.15 Ankle positioning aids

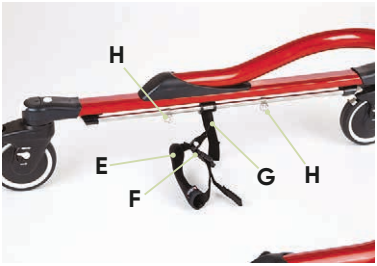
- Combination sub-frame: Insert the end (**A**) of the rod (1) into the hole on the rear wheel (**B**). Then pull back the white bar (**C**) and insert it into the recess (**D**) on the underside of the sub-frame.
- Standard sub-frame and **pacer mini.** (Size 0): Pull the white bar (**C**) on the ends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

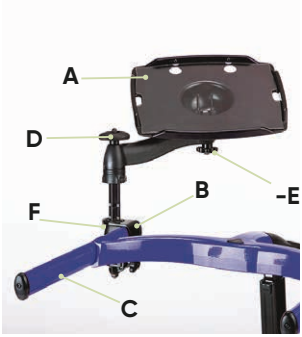




4. Accessories.

4.16 Therapy table

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

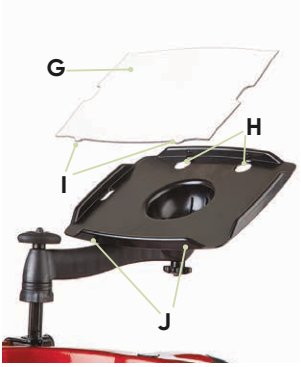


In order to change the position of the therapy table (A):

- 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 adapter 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:

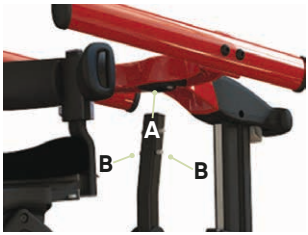
Do not use the therapy table to support the body!

Never leave the user unsupervised!

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

4. Accessories.

4.17 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**).

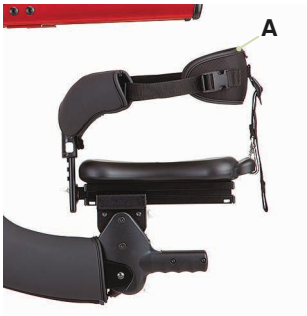
In order to avoid accidents, the hip system should be used for users who cannot or who can only bear a little of their own weight!

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

- 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

4. Accessories.

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.

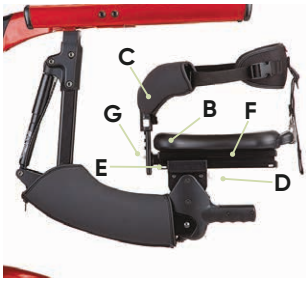


Tip: Every white button or lever features a setting/adjustment option!

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

When using as posterior walker

The seat (**B**) with the hip system (**C**) can be turned when using the **dynamic pacer.** as posterior walker.

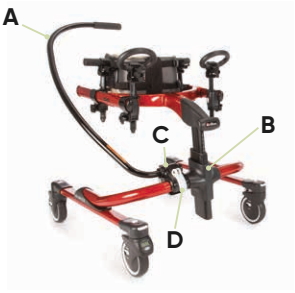


- To do this, press the button (**D**) and pull the seat backwards as far as it will go.
- Now press the button (**D**) and both buttons (**E**) at the same time and pull the seat further backwards.
- To be able remove the seat from the bracket (**F**) , press now the button (**G**) and pull out the hip system (**C**)until you can remove the seat (**B**) together with the hip system (**C**).
- Now you can turn the seat (**B**) together with the hip system (**C**) , insert it into the bracket (**F**) from the other side and bring it to the required position.

4. Accessories.

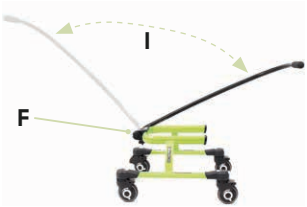
4.18 Push bar for escorts

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 adapter 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 mini.** (Size 0) (**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 twist grip (**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 without supervision!

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

5. Use.

5.1 As anterior gait trainer

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 4.9**)
- Arm support (**Point 4.7**)
- Hip or pelvis positioning aid (**Point 4.10** and **4.13**)
- Top frame height (**Point 3.2**)
- Ankle positioning aid (**Point 4.15**)

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 4.10** and **4.13**).

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, 4.6** and **4.7**).

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 4.13** and **4.14**).
- The upper thigh positioning aid is important to adjust the distance between the upper thighs. It also prevents rotation of the user in the gait trainer.

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 4.15**).

6. Adjust the position and the angle of the table (see **Point 4.16**).

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 gait trainer

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 4.9**).

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!

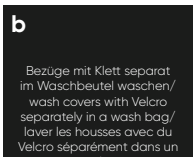
Do not mount the armrests, arm supports and grip rings at the foremost end of the top frame!

6. Cleaning and maintaining.

6.1 Cleaning and disinfecting

6.1.1 Cleaning

Please clean all frame elements regularly with a sponge or damp cloth; making sure that water droplets are removed. Please clean with a mild household detergent for severer dirt. Thorough drying of the cleaned areas is important.
All fabrics that cannot be removed can be wiped with a moist cloth. For all removable fabrics please pay attention to the sewn-in care labels (such as **A** + **B**) on the respective element.
Please also pay attention to our general cleaning and hygiene advice. This can be found at **www.schuchmann.de/mediathek**.



6.1.2 Disinfection

Various products can be used for surface disinfection of metal and plastic parts.
Liquid disinfectants are available as ready-to-use solutions that are sprayed on and evenly applied with a soft cloth. Alternatively, wipes pre-soaked with disinfectant can be used to wipe the products over the entire surface. In both cases, care must be taken to ensure complete wetting. Disinfection in fully automatic disinfection systems is also possible and recommended. The exposure times may vary and can be found in the manufacturer's instructions for the products used.

6.2 Servicing

Please carry out a daily visual inspection and check the gait trainer 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 9.4**).

6.3 Maintenance

For reasons of user safety and to retain product liability, the product must be subjected to maintenance by a specialist dealer at least once a year (see **Point 9.4**). The maintenance work carried out must be documented in the maintenance plan (see **Point 6.3.2**).

6. Cleaning and maintaining.

6.3.1 Maintenance specifications

- Basic cleaning according to the manufacturer's specifications
- Disinfect according to the manufacturer's specifications as required
- Damages to the frame, mounting parts and accessories (cracks, breaks, corrosion, bent or missing parts)
- Strength of the connections (tighten loose screws, replace missing screws)
- Functionality of the adjustment elements (screws, release lever, latching elements)
- Functionality of the brakes (backwards stop, friction brakes, parking brakes)
- Functionality of the rollers (concentricity, smooth running)
- Check the pads and covers for damage
- Check the harness for damage (clamping device, closures, seams)
- Legibility of the type label
- Final complete functional check of the aid
- Check that all mounting parts and associated accessories are correctly fastened

6.3.2 Maintenance plan

Maintenance specifications of the manufacturer (see **Point 6.3.1**) were carried out:

Date	Company	Name	signature

Any defects or damage found must be repaired by the specialist dealer or the manufacturer before reuse.

6. Cleaning and maintaining.

6.3 Spare parts

Use only original accessories and original spare parts from Schuchmann, as otherwise the safety of the user is endangered and the warranty expires.
To order spare parts, please contact the supplying specialist dealer (see **Point 9.4**). Necessary spare parts and accessories must only be installed by trained personnel.

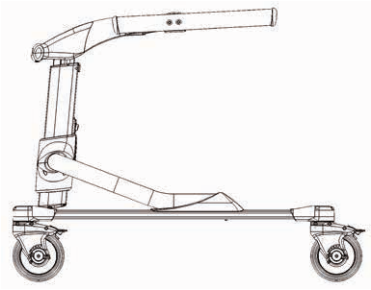
6.5 Duration of use and re-use

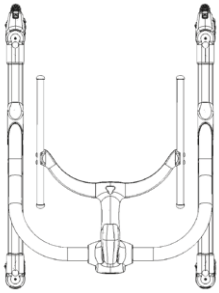
The expected duration of use of our product, dependent on the usage intensity and amount of re-use, totals up to "8" years if the usage takes place in accordance with the information in these Instructions for use. It may be possible to use the product over and above this time period if it is in a safe condition. The expected duration of use does not refer to wear parts, such as for example wheels, gas pressure springs,... . The maintenance and evaluation of the condition, and if applicable the potential for re-use, must be decided by the specialist dealer.
The product is suited for re-use. Prior to forwarding, please follow the cleaning and disinfection instructions stated in **Point 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.

Should a serious incident occur during the service life of the product despite being used as intended, this must be reported immediately to the manufacturer and the competent authority.

7. Technical data.

7.1 Dimensions





		Size 0 mini	Size 1	Size 2	Size 3	Size 4
Recommended elbow height		390 - 520 mm	470 - 700 mm	610 - 890 mm	810 - 1190 mm	860 - 1240 mm
Total width	Standard sub-frame	520 mm	580 mm	660 mm	710 mm	800 mm
	Combination sub-frame	-	-	760 mm	810 mm	-
Total length	Standard sub-frame	570 mm	660 mm	760 mm	910 mm	1010 mm
	Combination sub-frame	-	-	91 mm	103 mm	-
Frame height	Standard / combination sub-frame	320 mm	410 - 530 mm	550 - 690 mm	720 - 980 mm	790 - 1040 mm
Height of sub-frame (without top frame)	Standard / combination sub-frame	-	280 mm	370 mm	410 mm	470 mm
Weight	Standard sub-frame	4,6 kg	5,2 kg	6,8 kg	7 kg	10,2 kg
	Combination sub-frame	-	-	8,4 kg	8,7 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	-	35 mm	80 mm	80 mm	80 mm
	Horizontal	-	40 mm	50 mm	50 mm	50 mm
max. load		23 kg	34 kg	68 kg	91 kg	113 kg

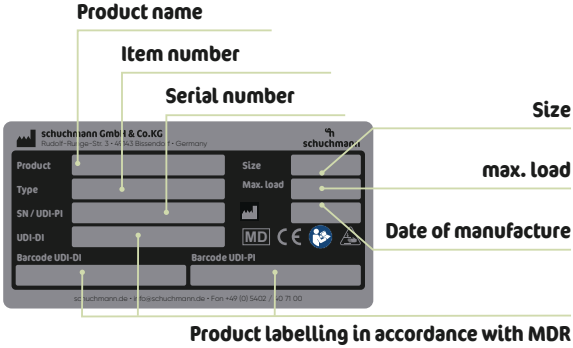
8. Guarantee.

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 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**).



9.2 Product version

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

9.3 Issue of the document

Instructions for use **dynamic pacer.** - Change status L; issue 2026-08-19

9.4 Name and address of the manufacturer, specialist dealer supplying the product

This product was manufactured by:

Schuchmann GmbH & Co. KG
Rudolf-Runge-Str. 3 · 49143 Bissendorf · Germany
Phone +49 (0) 5402 / 40 71 00 · Fax +49 (0) 5402 / 40 71 109
info@schuchmann.de · www.schuchmann.de

This product has been delivered by the following specialist dealer:

Notes.

Notes.

schuchmann.de

GA 33 – EN_5.0