

fridolin maxi.



Instructions for use.

fridolin maxi. The functional sub-frame for indoor use.




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.

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**).

1.4 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

The sub-frame is made of steel which is non-corroding and powder-coated.

2.2 Handling / transport

The sub-frame 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 position yourself next to the sub-frame, grip it on both sides under the support head and carry it to the required location. To transport the sub-frame, reduce all adjustments to their most compact size (fold up foot support, set lowest seat height etc.).



Tighten all moving parts prior to carrying!

2.3 Application areas, use according to the intended purpose

The **fridolin maxi**. indoor sub-frame is a medical product of risk class 1 and is suited exclusively for indoor use. The sub-frame is designed as substructure to accommodate seating systems or seat pans. Any other use or use over and above this purpose shall be considered not in accordance with the intended purpose.

2.3.1 Indication

The indication for the **fridolin maxi**. sub-frame is derived from those of the seating systems and seat pans.

2.3.2 Contraindications

In general, the indication for a seat pan sub-frame in combination with a seating system or a seating pan should be accompanied by a medical-orthopaedic specialist. 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

- Make sure that the sub-frame in combination with a seat pan is only used by one user.
- Never leave the user unattended.
- Do not use sub-frame in combination with a seat pan for the transportation of a person.
- Correct usage of the sub-frame requires precise and careful training of the accompanying person.
- The max. load (see **Point 6**) may not be exceeded.
- Do not use the sub-frame if it has defective, worn or missing parts.
- Use only accessories and spare parts made by Schuchmann, otherwise you will compromise the safety of the user.
- Only use the sub-frame if all components have been correctly mounted and adjusted.
- 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.

2.5 Equipment for basic model

- The seat height is adjustable using a crank, and the angular adjustment of the seat unit can be operated through two gas pressure springs à 200N via a foot pedal
- Inc. 4 dual castors (100 mm). 2 with locking devices
- incl. support head and foot support insert
- Frame colour: metallic anthracite

2.6 List of accessories

- Maxi push handle
- Wheel base extension
- Maxi support head
- Trapezoidal adapter lower part Size 1
- Trapezoidal adapter top part Size 1
- Aluminium foot support
- Plug-in foot support

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.

Push handle



**Crank for
seat height adjustment**

**Gas pressure springs for angle
adjustment of the seating unit**

Support head

**Foot pedal for angle
adjustment of the seating unit**

Central column

**Dual castor with
locking device**

**Dual
castor**

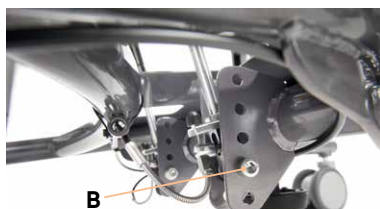


3. Settings.

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. All adjustments can be made with standard tools (e.g. Allen key, screwdriver or spanner).

3.1 Seat height

The sub-frame can be adjusted by up to 12 cm in height; the product is supplied adjusted to the lowest setting. Adjustment is carried out by actuating the crank (A) below the base frame. In addition, both gas pressure springs on the seat angle adjustment must be readjusted in height. This is done after dismantling the screw connections at the lower end of the two gas pressure springs and moving the lugs (B) in the hole pattern on the base frame. This adjustment should be undertaken by your specialist dealer.



3.2 Seat angle

The seat angle can be adjusted with the aid of 2 gas pressure springs (à 200N) from (-)5° to 30°. To do this, actuate the foot pedal (C) and move the seat unit to the required angle.



3.3 Dual castors

The sub-frame should always be prevented from rolling away inadvertently through braking of the 2 rear dual castors. To do this, press the brake (D) down with the tip of your foot.

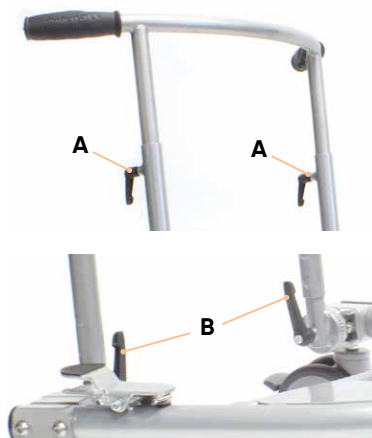


The brake serves merely to prevent inadvertent rolling away on level surfaces.

4. Accessories.

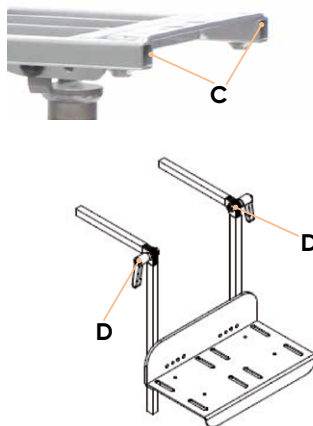
4.1 Maxi push handle

The Maxi push handle can be adjusted in height and angle. In order to adjust the height, loosen both clamping levers (A), bring the Maxi push handle into the required position and pull the clamping lever tight once more. In order to adjust the angle, please loosen the two clamping levers (B), move the Maxi push handle to the required angle and pull the clamping lever tight once more.



4.2 foot support

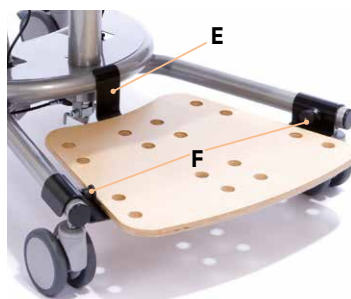
For **fridolin maxi**, there are different foot support variants that are attached to the support head. After the respective foot support has been inserted in the support head (C) and the depth has been set, the knee angle can be fixed using the two clamping levers (D). The lower leg length can be individually adapted, and the foot supports can be folded up and the angle adjusted depending on the variant.



After each adjustment, please retighten all screw connections!

4.3 Plug-in footrest

The easy to plug-in footrest allows easy transfer within different rooms. To mount the footrest, first plug the rear positioner (E) into the base frame and fold it downwards. Ensure that the snap locks (F) engage correctly. In order to remove the footrest, pull out the two snap locks (F) and lift up the footrest.



4. Accessories.

4.4 Wheel base extension

The wheel base extension is used to guarantee stability even for larger seating systems when the seat is inclined backwards.



The wheel base extension cannot be adjusted!

4.5 Adaptation of seat pans

fridolin 1. & fridolin 2. are prepared to accommodate a seat unit / seat pan. The seat adapter represents the connection point.

Seat pan adapter, trapezoidal shape:

Place the seat pan with the trapezoidal shaped mounted adapter piece on the trapezoidal shaped seat pan adapter plate and push back. Here the patented closure engages automatically. Now tighten the knurled knob **(A)** of the patented closure. When removing the seat pan, first untwist the knurled knob **(A)**, and then pull it down to release the connection between the adapter and the seat pan support. The pan can now be pulled away to the front.



Ensure that the patented closure is correctly engaged and that the knurled knob is firmly tightened so that it can no longer be pulled!

5. Cleaning and maintaining.

5.1 Cleaning and disinfecting

5.1.1 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 **B + C**) on the respective element.

Please also pay attention to our general cleaning and hygiene advice. This can be found at

www.schuchmann.de/mediathek.



5. Cleaning and maintaining.

5.1.2 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.

5.2 Servicing

Please carry out a visual inspection on a daily basis and regularly check the product 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 8.5**).

5.3 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 8.5**). The maintenance work carried out must be documented in the maintenance plan (see **Point 5.3.2**).

5.3.1 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, foot pedal)
- Functionality of other adjustment elements (push bar and footrests)
- Functionality of the gas pressure springs (if necessary readjustment of the bowden cables)
- Functionality of the safety elements (anti-tilt)
- Functionality of brakes
- Functionality of the rollers (concentricity, smooth running)
- Legibility of the type label
- Final complete functional check of the aid
- Check that all mounting parts and associated accessories are correctly fastened



5. Cleaning and maintaining.

5.3.2 Maintenance plan

Maintenance specifications of the manufacturer (see **Point 4.3.1**) were carried out:

Date	Company	Name	Signature



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

5.4 Spare parts

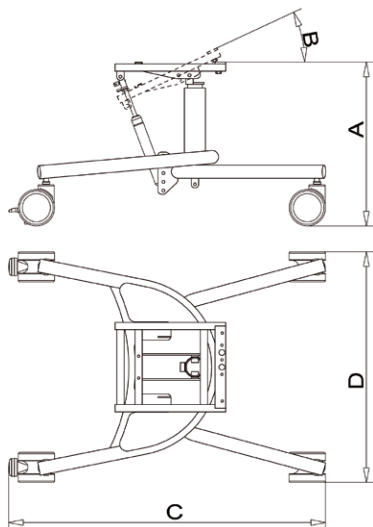
Only use original accessories and original spare parts from the manufacturer, otherwise you will endanger the user and the warranty becomes void. To order spare parts, please contact the supplying specialist dealer (see **point 8.5**) stating the serial number of the product. Necessary spare parts and accessories must only be installed by trained personnel.

5.5 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 covers, wheels, batteries.....The maintenance and evaluation of the condition, and if applicable the potential for re-use, must be decided by the specialist dealer. The seat pan sub-frame is suitable for re-use. Prior to forwarding on, please follow the cleaning instructions in **point 5.1**. 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.

6. Technical data.

Dimensions



A	Height of seat pan support	44 - 56 cm
B	Seat angle	(-) 5° - 30°
C	Total length	80 cm
D	Total width	66 cm
	Thickness of the gas pressure spring for tilt adjustment	2 x 200 N
	max. load	100 kg
	Weight	11.5 kg

7. 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.



8. Identification.

8.1 EU Declaration of Conformity



EU Konformitätserklärung EU Declaration of Conformity



Firma / Company Schuchmann GmbH & Co. KG
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Tel. +49 (0) 5402 / 40 71 00 · Fax +49 (0) 5402 / 40 71 109

erklärt in alleiniger Verantwortung, dass das nachfolgend genannte Produkt der Risikoklasse 1
declares under our sole responsibility that the following product(s) of Class 1 Medical Devices

„fridolin.“ Fahrgestell für den Innenbereich / *chassis for indoor use*

Art.-Nr. / Item-No.: 22 01 001, 22 02 000, 26 01 000, 26 02 000

Basis UDI-DI / Basic UDI-DI: 4251040200004000220XXX8N

den einschlägigen Bestimmungen der im folgenden aufgeführten Richtlinien und Standards entspricht:
is / are in conformity with the requirements of the below listed directives and standards:

Verordnung (EU) 2017/745 über Medizinprodukte vom 05. April 2017
Regulation (EU) 2017/745 on medical devices of 5 April 2017

DIN EN 12182:2012 Technische Hilfen für behinderte Menschen
Technical aids for disabled persons

DIN EN ISO 14971:2013 Medizinprodukte – Anwendung des Risikomanagements auf Medizinprodukte
Medical devices – Application of risk management to medical devices

Diese Konformitätserklärung gilt nur für Produkte mit den oben genannten Artikelnummern und ist gültig bis zum 31.12.2023.

This declaration of conformity applies only for products with above-named Item-numbers and is valid until 31.12.2023.

Datum / Date: 01.04.2020

Unterschrift / Sign:

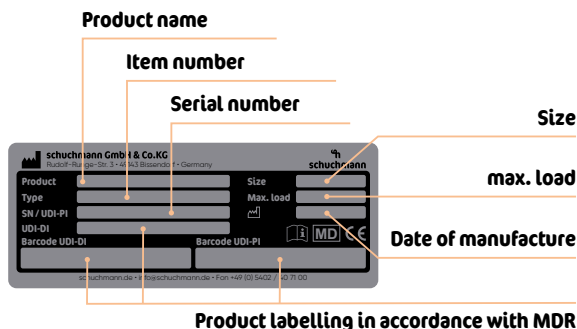
Name / Name: Torsten Schuchmann

Funktion / Function: Sicherheitsbeauftragter für Medizinprodukte / *Safety officer for medical devices*

8. Identification.

8.2 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**).



8.3 Product version

The **fridolin maxi.** seat pan sub-frame is available in one size and can be complemented with diverse accessories (see **Point 4**).

8.4 Issue of the document

fridolin maxi. instructions for use – Change status F; issue 03.2021

8.5 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:





schuchmann.de