

User Manual

Medical chairs

ComfortMove, RiFlex, Dynamic, RiRest,
Amazone, Jumper, Classic and more...



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1. Introduction – Medical chairs

Thank you for choosing a Rini Medical chair!

Rini's Medical special- and saddle chairs offer excellent comfort with its ergonomic design, enabling high efficiency in daily patient work for surgeons, assistants and other medical professionals.

Even the feel and look can be important so many of the chairs can therefore be ordered in different colours and different materials. The chairs are popular in many health care areas, see full range of chairs in our product catalogue.

Rini is constantly improving existing products and developing new ones. Consequently, we value the professional user's point of view; so don't hesitate to let us know your opinion about any of our product lines.

2. Important - Before use



To ensure safety and the lifespan of the product, it is important to observe the following instructions before use. Please read this manual carefully and understand how to use the product.

2.1 Unpacking and installation

Before the product is unpacked make sure that the packaging has not been damaged during transport. If so, document these with a picture and report this to the transport company and your local Rini representative.

The chair is normally delivered in parts to save shipping space and is assembled by the following steps.

Put the wheelbase on the floor and if not already mounted, the gas spring in the cone which is in the base.

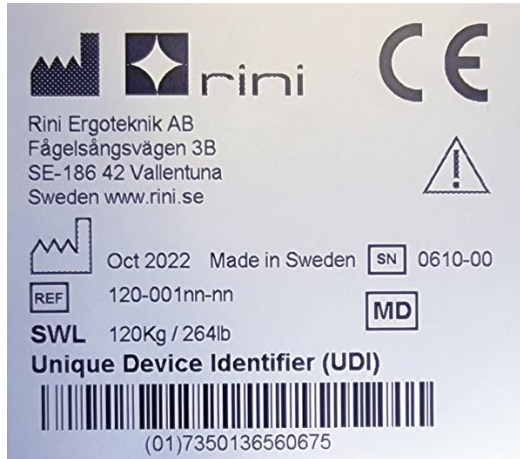
3. Product classification and key data

The product is designed for use in hospitals, specialist clinics or similar care environments by professional staff. The product's risk class in accordance with MDR 2017/745 Annex VIII is "Class 1". Previous generations and similar products are also within risk class "Class 1".

The product is traceable via serial number and Rini has a "Post-market surveillance" system integrated within its quality system that is certified according to ISO13485 for medical devices. Any incidents are reported to the relevant authorities in accordance with applicable laws.

The product has been tested against applicable standards in terms of "General safety and performance requirements", "Demonstration of conformity" and is covered by a "Risk Management" process in accordance with ISO14971.

Technical specification can be found in a separate chapter in this manual. Information about the manufacturer and where and when the product was manufactured appears on the type plate below. For questions about this product, specify the UDI and SN for identification.



3.1 Intended areas of use

The Rini Medical chairs are developed for different types of work in a professional clinic environment where the operator needs a stable and ergonomic seated work position.



The chair may only be used for the purposes specified in this manual and not be used by person that weigh more than 120kg.

4. Function and use



4.1 Wheels and Trumpet gliders

The chair can be equipped with various types of wheels and trumpet gliders, each with different functions.

Wheel low friction: Rolls easily with and without load, for mobility.

Wheel high friction: Rolls slowly with and without load.

Wheel, brake when loaded: Easy rolling when not loaded. They lock automatically when the seat is loaded, for example when one sits down.

Trumpet glider: Replaces the wheels and provides high stability.

4.2 Tips for comfortable position

To achieve the best level of comfort please try the following steps.

- a) Whilst seated in the chair, adjust the height of the chair to achieve a 90° angle of the legs. The feet shall have the whole sole against the ground during the adjustment.
- b) Adjust the seat and backrest to a comfortable position.
- c) If necessary, fine-tune the height of the seat.

5. Saddle chairs

To sit on a saddle chair is different from sitting on a regular chair. Place yourself beside the chair. Lift the leg closest to the chair over the seat and sit down.

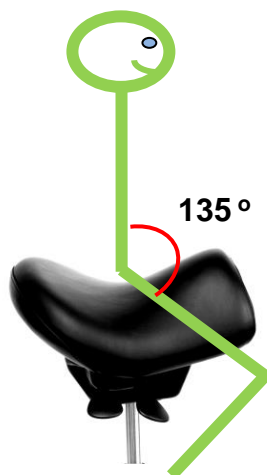


Be careful when lifting the leg over the seat, the chair can be pushed away.

A saddle chair should not be moved with the front forward. Instead, the chair is suitable to be moved sideways or backwards.

5.1 The correct seating position

The seat is adjustable in height with hand or foot control. Some chairs also have the option to have the seat tilted. When an optimal ergonomic position appears shall the chair feel comfortable and a 135° angle is created between the thighs and upper body.



The legs should be relaxed, and the feet shall rest steady on the floor, not hanging in the air. Normally is the height of the seat changed 250-400mm upwards compared to a regular office chair.

To achieve optimal seating position:

- a) Raise the chair so the feet are hanging in the air
- b) Let your leg and pelvis relax and stretch for some minute, which the gravity takes care of automatically
- c) Lower the chair until the heels touch the floor

5.2 Tilt angle and width adjustment

Some chairs are equipped with tilt and width adjustment function. Under the seat there is a lever for the tilt function. Push the lever up towards the seat and choose suitable angle of the seat.



The width of a chair with this function can be adjusted by a lever which unlocks the halves.



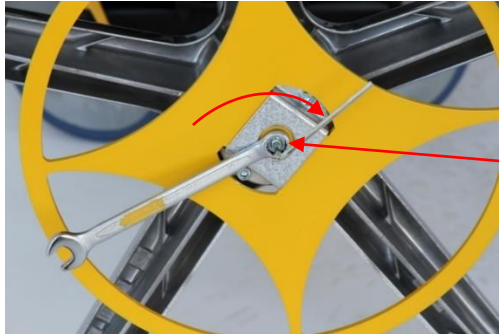
Viewed from behind, push the lever to the right to unlock the halves. Adjust and lock by pushing the lever back to its original position.

6. Adjusting the foot control

If the foot control does not work satisfactorily, it may need to be adjusted. The two most common causes and actions are:

- a) If the chair cannot be adjusted in height with the foot control at all then adjust the screw clockwise until function is restored, see picture below.

- b) If the chair collapse under load, even if the foot control is not being used, then adjust the screw counter clockwise until function is restored, see picture below.



Loosen with a 10mm wrench and adjust with hex wrench.

7. Replacing the gas spring

All Rini chairs can normally be equipped with gas springs with different height span; **low, medium and high**. To change the gas spring a rubber or plastic hammer is needed. If the gas spring is stuck there are some special tool that can be ordered from Rini, see picture below.



First turn the chair upside down and hold it slightly above the ground.



Hit with the hammer here

Lift the chair in the gas spring and hit lightly with the hammer against the metal chassis under the seat.

If the chair is hand-controlled hit against the gas spring from underneath the base, this makes the gas spring loosen from the base.



If the chair is foot controlled there are three screws that hold the height adjustment mechanism that needs to be removed from the gas spring.



8. Disinfection, cleaning & repairs

No part of the product is normally in contact with the patient and the armrests are normally draped.

Disinfection

Part	Product	Other information
Upholstery and armrests	Virkon (including most disinfectants without alcohol).	1% concentration. (Disinfectants containing alcohol cannot be used due possible to dehydration)
Chassis	Noedischer Dekonta CCOTRADE RW	1-3% concentration 0,5% concentration

Cleaning

Part	Product	Other information
Upholstery and armrests	Water and soap	Use damp cloth
Chassis	Water and soap	Use damp cloth

Repairs

The product should only be repaired by Rini or a Rini authorised service centre. Product to be repaired under warranty must be sent to Rini factory or an authorised Rini service centre.



Unauthorized repairs and modifications may result in loss of function and void warranty.

9. Safety

The product should only be used as intended otherwise it can cause injury to persons or product. Read this manual before the product is put into service. Necessary knowledge of the product is required before clinical use and this manual should always be available when using the product. No accessories other than those mentioned in this manual may be used. Please note the warning signs on the product.



Warning signs are used when there is a risk for patients, staff or product.

9.1 CE Declaration of conformance



Rini Medical chairs follows EU Medical Device Regulation 2017/745 for medical products.

Tested according to EN/IEC 60601-1.

10. Disposal and recycling

The product is mainly made from environmentally recyclable materials as steel, stainless steel, aluminum and plastics. Rini recommends that the material be sorted and recycled in connection with the destruction of the product.

11. Warranty

The warranty is valid one year from the date of purchase. Please contact Rini for further information.

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