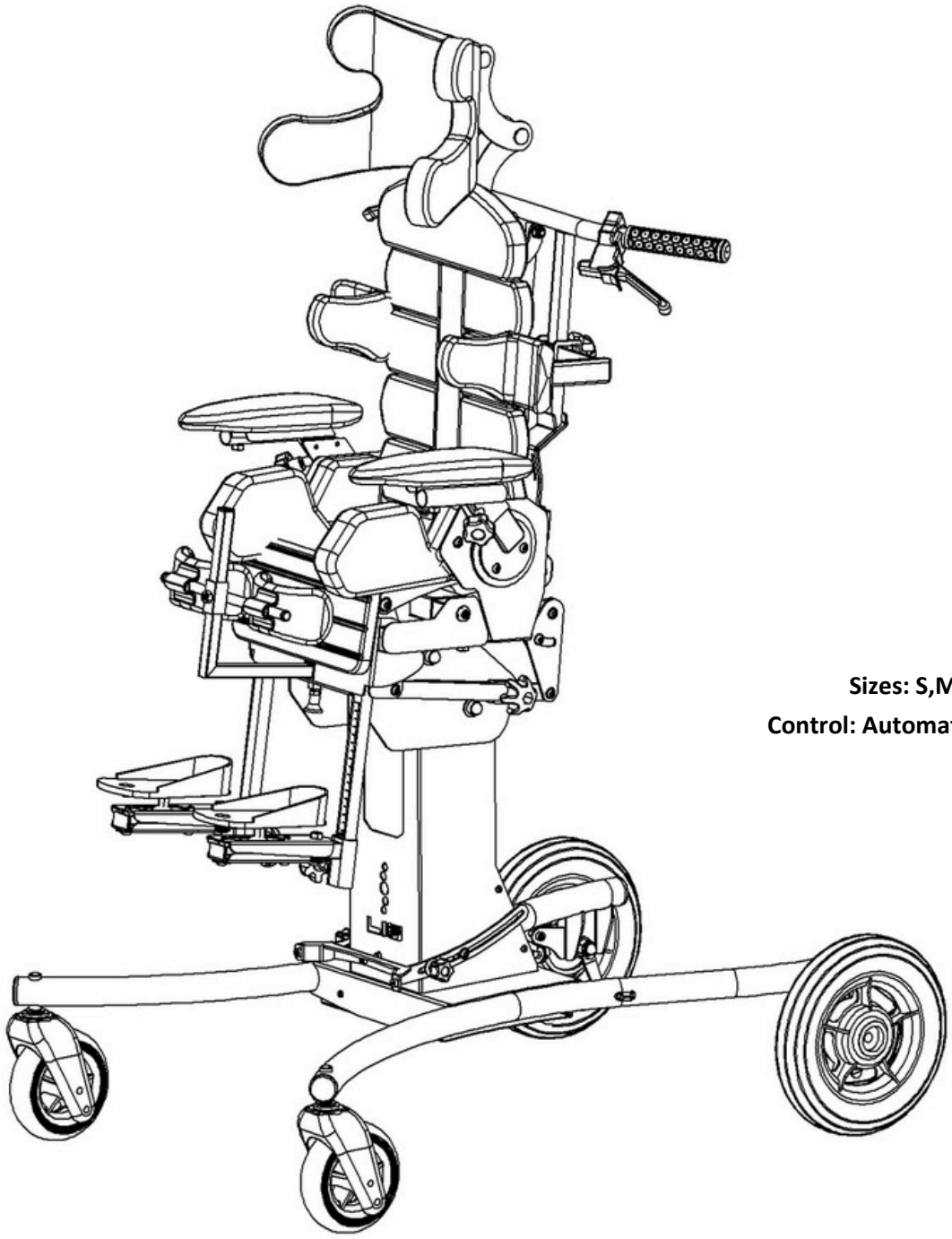
MANUAL FOR

BAFFIN AUTOMATIC RS



Sizes: S,M,L

Control: Automatic

CE

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BAFFIN
YOUR SECOND SPINE®

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Distributor's contact details:

BAFFIN
YOUR SECOND SPINE®

Baffin Technology Systems Limited

Michaelmas House
Royal Oak Way North
Daventry NN11 8PQ
Company number 10131813
Vat Registration No 242 5610 31
Phone 01788 711 904 | Mail: office@baffin.co.uk

NOTE! THE MANUFACTURER IS SOLELY RESPONSIBLE FOR THE EQUIPMENT PURCHASED FROM A DIRECT REPRESENTATIVE OF LIW CARE TECHNOLOGY, OR IN SPECIALISED MEDICAL SHOP REPRESENTING LIW CARE TECHNOLOGY IN POLAND.

NOTE! THE DEVICE IS DEDICATED TO INDOOR USE; NO THRESHOLDS ARE ACCEPTABLE.

NOTE! THE DEVICE IS DEDICATED TO THE USE OF ONE PERSON ONLY.

NOTE! WHILE USING THE BAFFIN AUTOMATIC RS MULTIFUNCTIONAL DEVICE THE CHILD SHOULD NOT BE LEFT UNSUPERVISED.

NOTE! THE MAXIMUM LOADING OF THE BAFFIN AUTOMATIC RS MULTIFUNCTIONAL DEVICE SHOULD NOT BE EXCEED.

NOTE! IF THE BAFFIN AUTOMATIC RS MULTIFUNCTIONAL DEVICE IS MISSING SOME PARTS OR HAVE THOSE DAMAGED, IT IS FORBIDDEN TO USE ONE.

NOTE! WHILE USING AND SERVICE, ALSO DURING INSTALLATION AND ADJUSTMENT ALL THE MECHANISMS, THERE IS A DANGER OF ENTRAPMENT OR/ AND COMPRESSION SOME PARTS OF A USER/ USER'S ASSISTANT BODY INSIDE OF THE GAPS/ SLOTS BETWEEN ELEMENTS. THIS ACTION SHOULD BE TAKEN WITH EXTRA PRECAUTION. AFTER FINISHING ADJUSTMENT, THERE IS A NEED TO STABILISE POSITION BY PRECISE TIGHTENING OF THE KNOBS/ BOLTS.

NOTE! THE PACKAGE OF THE PRODUCT SHOULD BE KEPT IN CASE IF PRODUCT REQUIRES RE-TRANSPORTATION FOR WARRANTY PURPOSE.

NOTE! READ THE MANUAL NECESSARILY BEFORE START-UP.

Table of Contents

1. General information

1.1 Introduction

The BAFFIN AUTOMATIC RS Multifunctional device developed by LIW Care Technology sp. z o.o. was designed and patented to provide new quality in rehabilitation. We have made every effort to ensure that BAFFIN AUTOMATIC RS Multifunctional device was as easy to use as possible while providing vast anatomical adjustment possibilities and the best posture correction.

Before using the Multifunctional device, please familiarise yourself with this manual. By following all recommendations included in this manual, you will be able to avoid any situations that might damage the equipment and ensure your safety and comfort while using the device. You will be able to take full advantage of all the benefits of the device only when it is properly fitted to the patient's body and their personal needs.

1.2 General safety conditions

The biggest concern of LIW Care Technology Sp. z o.o. is to ensure the safety of our patients using the device. In order to guarantee the full safety of the user of our stander, you have to follow these recommendations:

1. Prior to any attempt to use the device, thoroughly familiarise yourself with this manual. If in doubt, contact the seller or manufacturer.
2. Make sure that all the information, recommendations and warnings contained in these chapters are fully comprehensible.

This manual includes paragraphs marked WARNING, which is meant to call special attention to its contents. It means the following:

NOTE!

THIS SYMBOL IS USED TO CALL THE READER'S ATTENTION TO THE TEXT BELOW. FAILURE TO FOLLOW THE CONTENTS OF THIS PARAGRAPH MAY BE HAZARDOUS TO THE USER'S HEALTH AND LIFE, AS WELL AS TO THE SAFETY OF THE DEVICE.

2. Construction of the Multifunctional device

The BAFFIN AUTOMATIC RS Multifunctional device consists of

1 – Central Core (Spine)

2 – Back Support

3 – Side Support

4 – Hip Support

5 - Armrest

6 – Knee Support

7 – Footrest

8 – Foot Platform

9 – Standing Base

10 – Seat

11 – Actuators

12 – Headrest

13 – Footrest bracket

14 – Brake lever

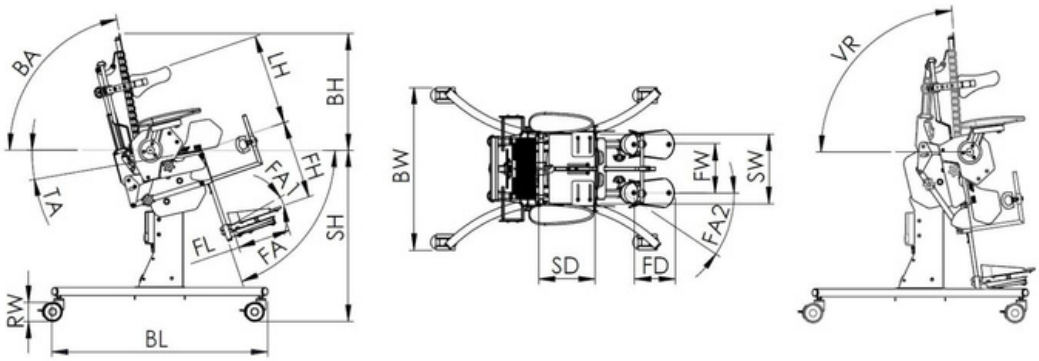
[1] The equipment of BAFFIN AUTOMATIC RS Multifunctional device is available depending on the Continent, Country.

Fig. 1 Frame Work Of The Multifunctional device

Technical parameters of BAFFIN AUTOMATIC RS Multifunctional device

Three sizes of the Multifunctional device are available.

Basic dimensions are given in the table below:



		S (c m)	M (c m)	L (c m)
1	Seat height (SH)	77	77	77
2	Back height (BH)	44	52	60
3	Back angle (BA)	0^0÷90^0	0^0÷90^0	0^0÷90^0
4	Verticalization range (VR)	0^0÷86^0	0^0÷86^0	0^0÷86^0
5	Base length (BL)	88	88	88
6	Base width (BW)	72	72	72
7	Foot platform height (FH)	16÷33	16÷33	30÷48
8	Foot platform length(FL)	17	21	23
9	Wheels diameter (RW1)/(RW2)	14/25	14/25	14/25
10	Seat depth (SD)	18÷28	21÷31	29÷39
11	Seat width (SW)	18÷29	22÷33	22÷33
12	Footrest angle (FA)	0^0÷90^0	0^0÷90^0	0^0÷90^0
13	Footplate angle (FA1)	-/+5^0	-/+5^0	-/+5^0
14	Footplate angle (FA2)	-/+45^0	-/+45^0	-/+45^0
15	Footplate depth range (FD)	6	6	6
16	Footplate width range (FW)	10÷30	12÷35	12÷35
17	Tilt angle (TA)	13^0	13^0	13^0
18	Lateral support height (LH)	21÷38	21÷38	21÷40
19	Maximum user's weight	40kg	60kg	60kg
20	Weight of the device	41kg	45kg	46kg

BAFFIN AUTOMATIC RS Multifunctional device can be used in patients with posture and muscle dysfunction. It is perfect for children with cerebral palsy, muscular dystrophy, palsies of various origins, tetra and paraplegias, as well as for children with abnormal posture of the body. It can be used therapeutically and prophylactically to prevent the inevitable consequences of childhood illnesses (postural deformities and related malfunctions of the body). The device allows for putting a child's spine and pelvis in optimal position. Proper posture improves the quality of life. The three basic systems, respiratory, circulatory and digestive, function better. The use of a Multifunctional device following exercise will increase the chances of full postural recovery. Owing to a design that, when properly adjusted, attempts to restore the physiological curvature of the spine, it perfectly and smoothly corrects scoliosis, as well as passively restores proper alignment of the spine's kyphosis and lordosis. Pelvis adjustment (the pelvis is the base of the body in a sitting position) corrects the spine position, which forces the whole body of the patient to be more correct. Smooth adjustment of buttock load is perfect in preventing and curing sores, and decreases skin abrasion. The device allows for maintaining the child's head in a proper position, which facilitates feeding, education and playing. Each device is individually fitted for a given child. Our innovative device “grows” with a child. It can be adapted to the current position and height of the child.

Apart from the upright position, the BAFFIN AUTOMATIC RS Multifunctional device allows the child to sit and lie down.

4. Adjustment and adaptation

NOTE!
ADJUSTMENT AND ADAPTATION HAVE TO BE PERFORMED BY A PERSON AUTHORISED BY THE MANUFACTURER OF THE MULTIFUNCTIONAL DEVICE. THE ADJUSTMENTS LISTED BELOW HAVE TO BE MADE ACCORDING TO DOCTOR'S OR PHYSICAL THERAPIST'S RECOMMENDATIONS.

4.1 Adjusting the width and depth of the Multifunctional device

4.1.1 Adjusting the width

The width of the seat can be adjusted using the knob (3) marked with a red arrow (fig. 2). The knobs are located on the right and left sides of the device. Their effect is independent of each other. This enables symmetrical and asymmetrical positioning of the user's body.

To change the width of the left or right side:
a) loosen the securing bolts (1 and 2) on the back and bottom of the device using the allen key 4mm (fig. 2).
b) turn the knob (3) marked with a red arrow using the allen key 4mm (fig. 2) to change the width of the left or right side of the device.
c) tighten the securing bolts (1 and 2) on the back and bottom of the device (fig. 2).
Repeat this procedure for the opposite side if necessary.

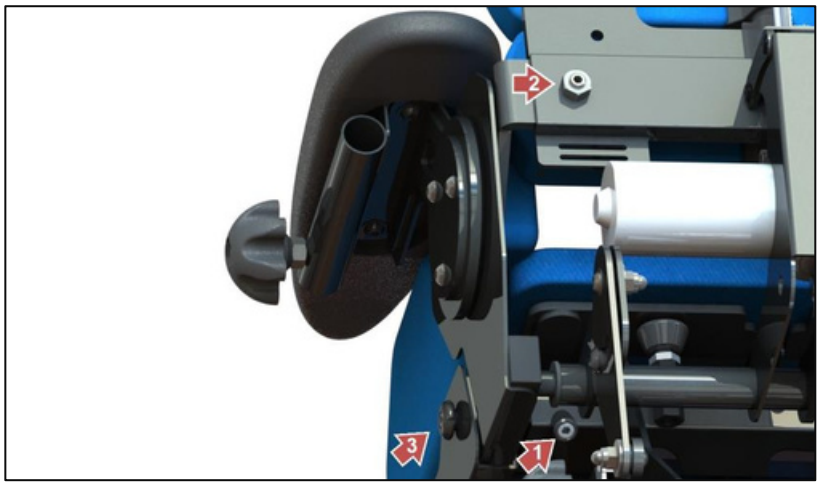


Fig. 2 Adjusting the width

4.1.2 Adjusting the spacing of thigh supports

Thigh support spacing adjustment is done using two adjustment screws below the supports (fig. 3). In order to make the adjustment, raise the upholstery on the thigh supports and loosed the adjustment screws to position the supports appropriately. After setting the desired position, tighten the adjusting screw to lock the supports in place. Thigh supports can be positioned at an angle to the longitudinal axis of the device, thus increasing thigh angle. Thigh support positioning has an impact on the correct position of knees in relation to the pelvis.

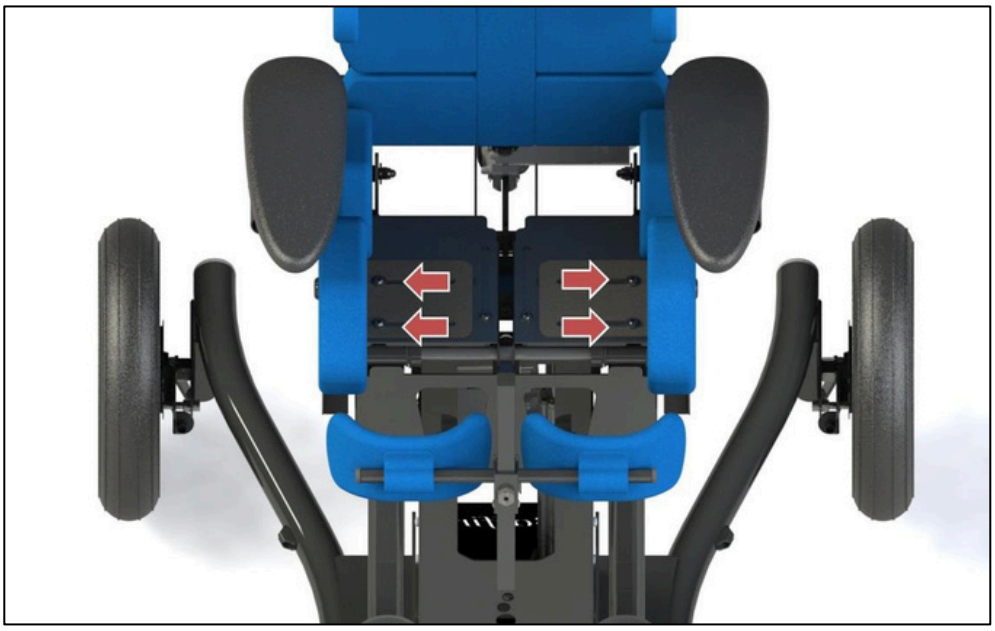


Fig. 3 Adjusting the spacing of thigh supports

The adjustment screws are located on the right and left sides of the device. Their effect is independent of each other. This enables symmetrical and asymmetrical positioning of the user's body.

NOTE!
AFTER ADJUSTMENTS ARE MADE, MAKE SURE THAT ALL THE ADJUSTING SCREWS ARE TIGHTENED.
FAILURE TO TIGHTEN THEM MAY BE HAZARDOUS TO THE PATIENT AND MAY DAMAGE THE DEVICE.

4.1.3 Adjusting the depth

Seat depth can be adjusted by sliding the back of the device into or out of the base. Adjustments should be carried out with the device in the full sitting position.
In order to make the adjustment, loosen the knobs on the side pulls (fig. 4) on the right and left sides of the device, then loosen the securing screws located underneath the seat (fig. 4) on the right and left sides. Next, insert or pull out the rear of the unit (backrest and actuator) to obtain the desired depth of the seat. After adjustment, tighten the previously loosened screws, pulls and securing screws.

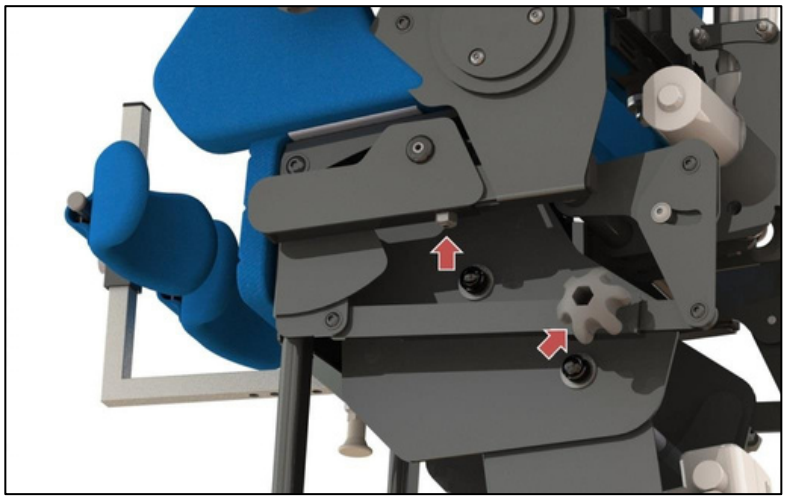


Fig. 4 Adjusting the depth

NOTE!

ADJUSTMENTS SHOULD BE CARRIED OUT WITH THE DEVICE IN THE FULL SITTING POSITION. AFTER ADJUSTMENTS ARE MADE, MAKE SURE THAT ALL THE ADJUSTING SCREWS ARE TIGHTENED. FAILURE TIGHTEN THEM MAY BE HAZARDOUS TO THE PATIENT AND MAY DAMAGE THE DEVICE. ONCE THE DEPTH ADJUSTMENT IS DONE, ADJUST THE SEAT POSITION (SEE SECTION 4.1.4).

4.1.4 Adjusting the seat position

Seat position is adjusted by sliding the right and left seat supports back or forward (fig. 5). The adjustment should be carried out with the device in a recumbent position after loosening all six screws (three per each support). A properly adjusted seat will have a space of approx. 1 cm between the seat supports (left and right) and the bottom of the backrest when the device is in a recumbent position.
In order to make the adjustment, remove the cushions from the seat and loosen all six screws securing the left and right seat supports (three per each support) (fig. 5). Put the device in a recumbent position and slide the seat supports back or forward, so there is a space of approx. 1 cm between the supports and the bottom of the backrest. After the adjustment is completed, tighten all six screws.

Fig. 5 Adjusting the seat position

NOTE!
THE ADJUSTMENT SHOULD BE DONE WITH THE DEVICE IN A RECUMBENT POSITION AFTER LOOSENING ALL SECURING SCREWS. AFTER EACH DEPTH ADJUSTMENT, MAKE SURE NONE OF THE SEAT SUPPORTS COLLIDE WITH THE BACKREST.

4.2 Adjusting the width and height of arm/side supports

The width and height of arm supports are adjusted using the knobs marked with a red arrow (fig. 6). Left and right armpit supports are adjusted independently. The knobs are located on both sides of the unit and operate independently of each other, making it possible to set the supports symmetrically and asymmetrically with respect to the axis of the body.
To adjust the height and width of the arm support, loosen the adjustment knob (fig. 6), set the armpit support in the desired position and tighten the adjustment knob. Perform an analogous regulation on the opposite side.

Fig. 6 Adjusting the width and height of arm/side supports

4.3 Adjusting the footrest

The footrest is used to support the feet while sitting, lying down and tilting. The following parameters of the footrest can be adjusted:
- height,
- angle and position of the foot platform

4.3.1 Adjusting the height of the footrest

The footrest height adjustment knob is marked with a red arrow (fig. 7). In order to change the height, loosen the knob and move the footrest up or down. After setting the desired height, tighten the knob as much as possible. Footrests can be adjusted independently of each other so that they can match lower limbs of different lengths.

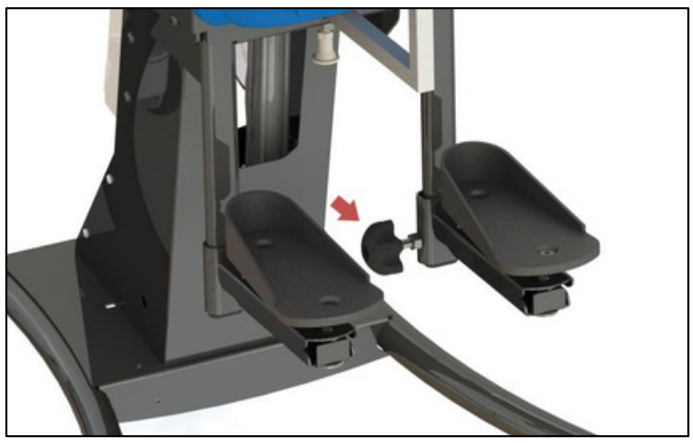


Fig.7 Adjusting the height of the footrest

4.3.2 Adjusting the angle and position of the foot platform

In order to adjust the angle and position, use three adjustment screws located underneath the platform support. Adjustment is made by changing the angle and/or position of the foot platform.

In order to adjust it, loosen the three adjustment screws (fig. 8) underneath the foot platform support, set the platform to the desired position and tighten the adjustment screws.

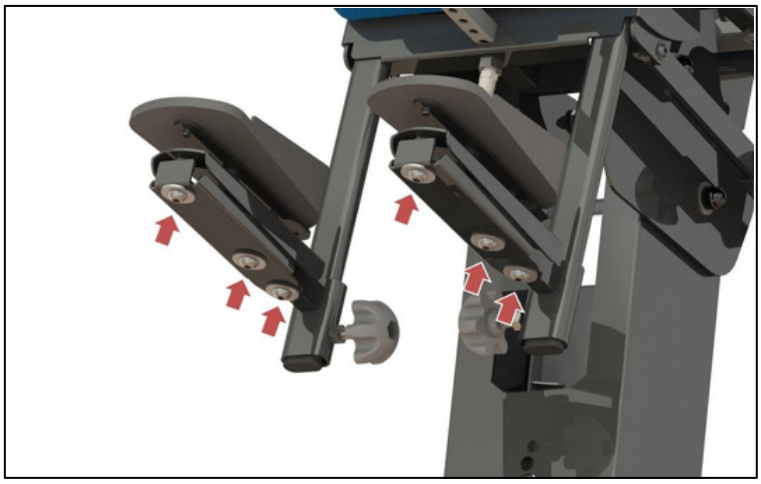


Fig. 8 Adjusting the angle and position of the foot platform

NOTE!
IMPROPERLY TIGHTENED KNOBS AND FOOTREST ADJUSTMENT SCREWS MAY RESULT IN THE FOOTREST BEING MOVED OR DISLODGED WHEN TILTING, THUS INJURING THE USER OR DAMAGING THE DEVICE.

4.4 Kneepad fitting and adjustment

4.4.1 4.4.1 Adjusting the kneepads

Kneepads are used to support the lower limbs during the tilting process. Properly set kneepads have to support the lower limbs directly underneath the patient's knees. A properly fitted knee pad cannot put too much pressure on the limb when in upright position. The kneepads should be adjusted with the patient in a recumbent position. The kneepad can be adjusted in three planes:
a) up-down
b) angle and left-right position
c) forward-backward

Adjusting the angle of the kneepad position and left-right position is undergoing by moving and rotating pads of the kneepad (4) on the kneepad's bar (2) fig 9. To make an adjustment of the kneepad angle and left-right position, you should loosen the knob 5 (fig 9), set the kneepad's pad into required position and then tighten the knob 5. Adjustment is made separately for both left and right kneepad's pad.

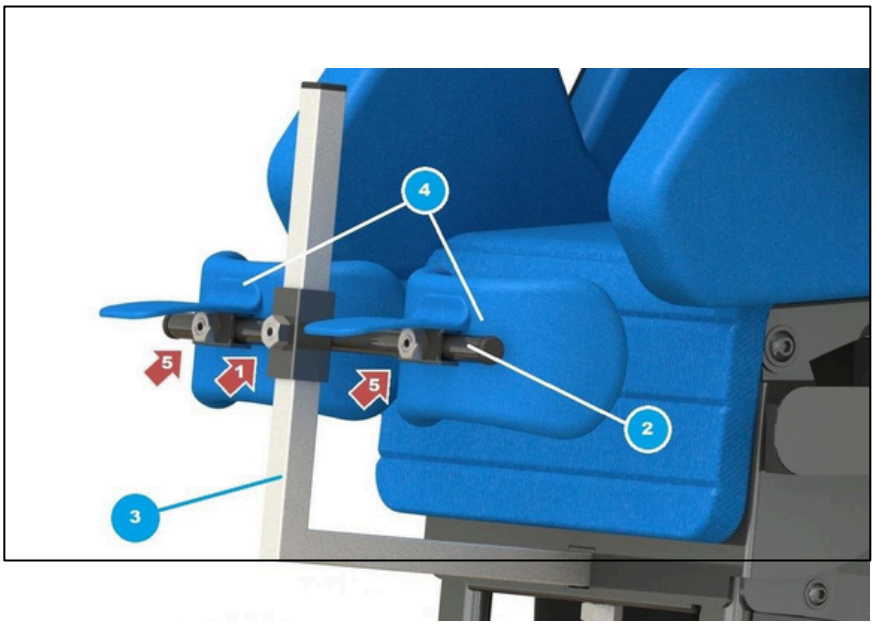


Fig. 9 Adjusting the kneepads.

The forward and backward adjustment of the kneepads is done by setting the pad at a desired depth. In order to adjust it, pull back the pin securing the kneepad (fig. 10), set the kneepad to a desired depth and release the pin. After the pin is released, make sure that the pin is safely located in the hole in the kneepad support.

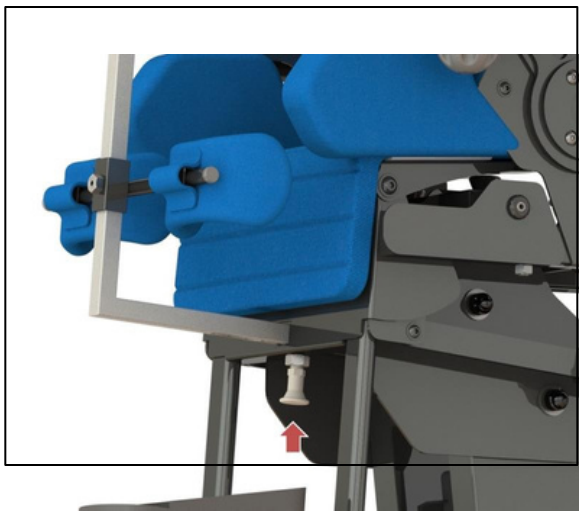


Fig. 10 Adjusting the kneepads

NOTE!

THE KNEEPAD IS USED TO SUPPORT THE LEG WHILE STANDING ONLY. DO NOT USE THE KNEEPAD WHILE MOVING FROM SITTING TO LYING POSITION. DO NOT CHANGE THE POSITION FROM LYING TO SITTING (OR VICE VERSA) WITH THE KNEEPAD IN PLACE. THE DEVICE HAS ELECTRICAL INTERLOCKING, WHEN THE KNEEPAD IS IN PLACE ACTUATOR IN BACK SUPPORT IS BLOCKED. THAT MEANS THAT THE DEVICE WILL NOT MOVE FROM SITTING TO LYING POSITION. EACH TIME YOU INSTALL THE KNEEPAD, MAKE SURE IT IS SECURED IN PLACE BY PULLING IT IN THE DIRECTION OF THE SUPPORT UNLOCKING.

4.5 Modelling (fitting) the backrest

The BAFFIN AUTOMATIC RS devices feature a globally unique backrest modelled after a human spine. This construction allows for setting the user's back in an anatomical or corrective position.

In order to adjust the backrest, loosen the adjustment screw (fig. 11), set the desired shape of the backrest and tighten the adjusting screw. After tightening the screw, the backrest will be fixed in place.

Fig. 11 Modelling (fitting) the backrest

NOTE!

REHABILITATION USING MULTIFUNCTIONAL DEVICES CAN NOT START WITHOUT PRIOR CONSULTATION WITH A DOCTOR TAKING CARE OF THE PATIENT. THE SHAPE OF THE BACKREST CAN ONLY BE ADJUSTED ACCORDING TO THE RECOMMENDATION FROM A DOCTOR OR PHYSICAL THERAPIST.

4.6 Fixing and adjusting the vest and lap belts

The device is equipped with a vest and lap belts for securing the user's position in the chair. The vest and lap belts are attached to the device with straps. In order to properly secure the vest, the straps should be threaded through the holes in the mounting loops. The loops can be found in the upper and lower part of the backrest (Fig. 12). The length of the straps can be adjusted by pulling them through the loops or through the buckles, securing the straps to the vest. Lap belts are attached to the beam at the back of the backrest (Fig. 12). Adjusting the length of the belts is done by pulling the straps through the loops.

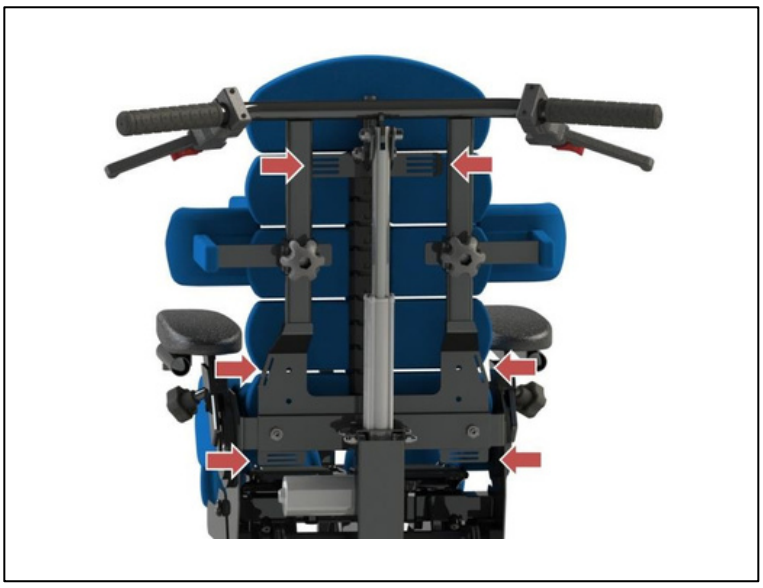


Fig. 12 Fixing and adjusting the vest and lap belts

NOTE!

BEFORE STARTING THE VERTICALIZATION PROCESS, ENSURE THAT ALL THE STRAPS ARE ASSEMBLED ACCURATELY IN THE BELT LOOPS, AND ALL THE CLAMPERS OF THE VEST AND PELVIC BELTS ARE TIGHTEN RIGHTLY.

5. Repositioning manual

The BAFFIN AUTOMATIC RS Multifunctional device is equipped with a remote that allows you to easily change the seat's position. The device also allows tilting from a recumbent position**.**

Before first use, the remote control should be plugged into the central socket (fig.22).

NOTE!

BEFORE TILTING, MAKE SURE ALL STRAPS ARE PROPERLY SECURED IN THE MOUNTING LOOPS AND ALL BUCKLES OF THE VEST AND LAP BELTS ARE PROPERLY FASTENED.

NOTE!

DO NOT START TILTING UNTIL ALL ADJUSTMENTS HAVE BEEN FINISHED. SEE SECTION 4.
MAKE SURE ALL SECURING AND ADJUSTMENT SCREWS ARE PROPERLY TIGHTENED. DO NOT CHANGE THE POSITION FROM RECUMBENT TO SITTING (OR VICE VERSA) WITH THE KNEEPAD IN PLACE.

NOTE!

BEFORE TILTING, DO THE FOLLOWING:
1) PRIOR TO MOVING FROM THE SITTING TO RECUMBENT POSITION (OR VICE VERSA), MAKE SURE THAT THE KNEEPAD IS REMOVED (SEE SEC. 4.4).
2) INSTALL THE CHEST BELT AND FASTEN ALL CLAMPS ON IT SO THE USER IS SAFELY SECURED TO THE DEVICE.
3) INSTALL AND FASTEN THE THIGH STRAPS
4) LOCK THE WHEEL BRAKES
5) REMOVE ALL ITEMS FROM THE TABLE

5.1 Changing the position from sitting to recumbent

NOTE!

THE DEVICE'S STABILITY CAN BE ENDANGERED IN THE EVENT OF UNEXPECTED PUSH, TILT, OR LEANING ON THE DEVICE.

NOTE!

THE DEVICE MAY BE LOADED WITH ITS LIMITATIONS ONLY, ADDING ANY OBJECTS, DRAWING ON A DEVICE MAY CAUSE ITS OVERTURN.

In order to change the position from sitting to recumbent, press the button marked with blue arrow (fig. 13) - the backrest will start tilting backwards and leg supports will raise. Hold the remote control button until you reach the recumbent position. This procedure can be interrupted at any time to stop the device at an intermediate position. To return to a sitting position, press the remote button marked.

Fig. 13 Changing the position from sitting to lying

5.2 Changing the position from sitting to upright

After making sure that all the steps listed at the beginning of this chapter have been completed, you are ready to tilt the device. Tilting is done by going through the recumbent position (see Section 5.1).
To move to the upright position:
a) put the user in a recumbent position; see sec. 5.1
b) tighten the vest straps and the lap belt
c) attach the kneepads (see section 4.4).
d) press and hold the remote control button marked with a blue arrow until the device is upright. This procedure can be interrupted at any time to stop the device at an intermediate position.

Fig. 14 Changing the position from lying to standing

To return to a sitting position:
a) press the remote control button marked with a red arrow (Fig. 14) until you reach the recumbent position
b) remove the kneepads (see section 4.4).
c) gently loosen the vest straps and lap belt
d) put the user in a sitting position - see sec. 5.1

NOTE!

THE DEVICE CAN CHANGE ITS POSITION (TILTING, SEATING, LAYING DOWN) CONTINUOUSLY FOR A MAXIMUM OF 2 MINUTES, FOLLOWED BY AN 18-MINUTE BREAK. THIS REQUIREMENT IS DICTATED BY THE DESIGN FEATURES OF THE ACTUATORS. FAILURE TO FOLLOW IT MAY RESULT IN PERMANENT DAMAGE TO THE DEVICE.

6. Additional equipment

The multifunctional device can be additionally equipped with:
1) headrest
2) therapeutic table
3) battery
4) push handle

6.1 Headrest

NOTE!

THE HEADREST SHOULD PROVIDE SUPPORT FOR THE HEAD, ESPECIALLY WHEN LYING DOWN.

6.1.1 Adjusting the headrest

To install the headrest properly, you should follow these steps (fig 15.1)
1. Unscrew the spine adjusting bolt together with the pad (13),
2. Overthurst headrest's fastening (15) on the upper fastening of the spine (14),
3. Put and tighten the adjustment bolt of the spine together with the pad (13).

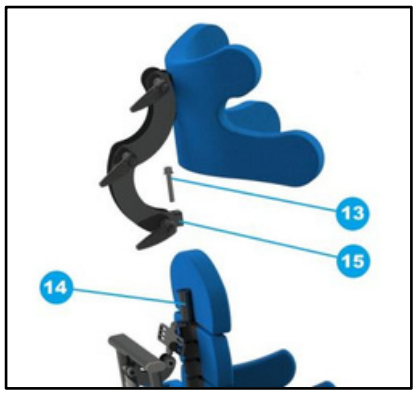


Fig. 15.1 Adjusting the headrest

6.1.2 Headrest adjustment

To change the headrest position, adjusting knobs should be loosen (fig 15.2 and 15.3), headrest should be putted into required position, and then the above-mentioned knobs should be tighten.

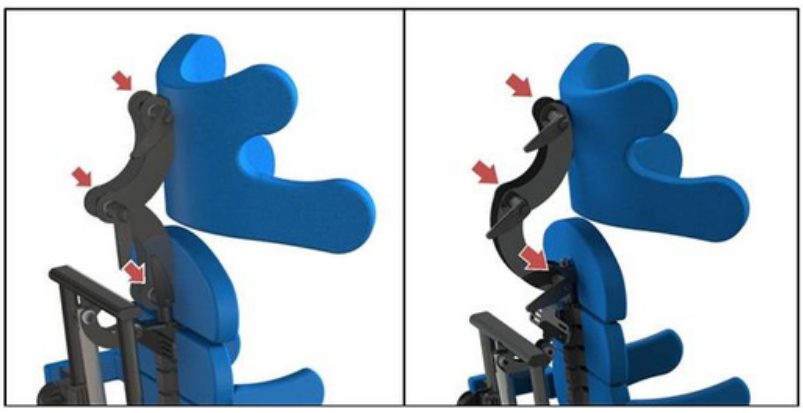


Fig. 15.2. Adjustment of the size S headrest Fig. 15.3. Adjustment of the size M, L headrest

6.2 Foam headrest

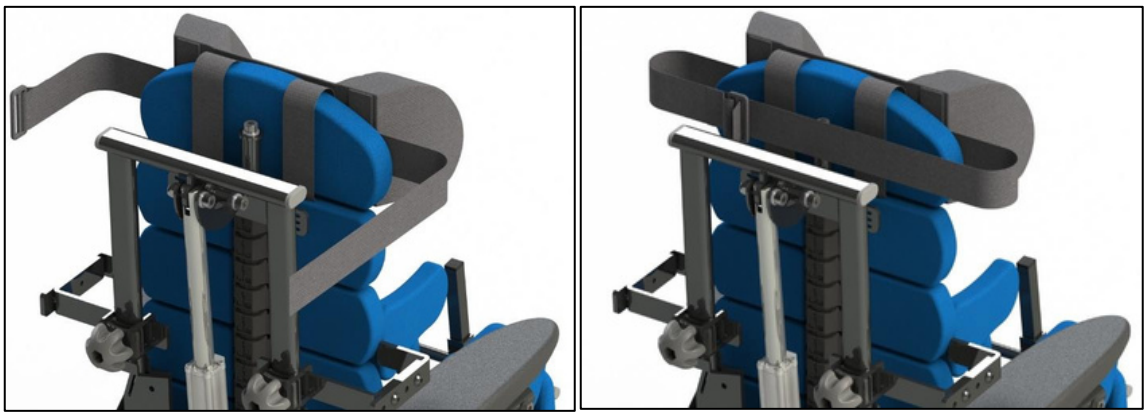


Fig. 15.4. Mounting the headrest with a belt loop Fig. 15.5. Stabilization of the headrest with an additional strap Attach the foam headrest to the selected part of the spine. For assembly, first put the vertical elastic loops through the spine part and then fasten the headrest with a strap, following drawing 15.4, 15.5, 15,6

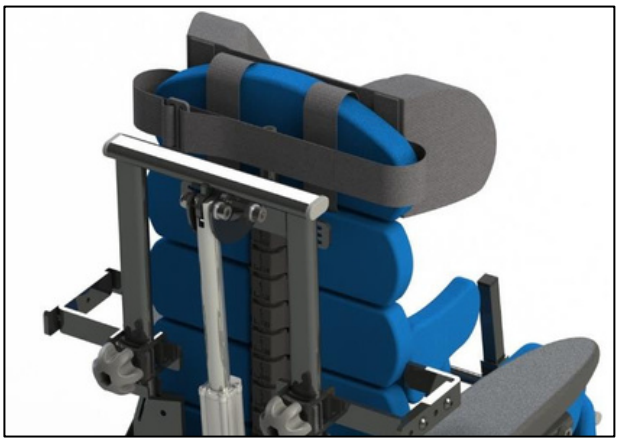


Fig. 15.6. Properly mounted foam headrest.

6.3 Table

NOTE!
BEFORE MOUNTING THE TABLE ON THE DEVICE, ADJUST THE TABLE HANDLES TO THE ARMRESTS. IMPROPER WIDTH OF THE HANDLES MAY MAKE THE TABLE UNSTABLE, DAMAGE THE DEVICE OR INJURE THE USER.

6.3.1 Adjusting the spacing of table handles

In order to adjust the table handles to the sockets located underneath the armrests, loosen the screw's nuts (fig. 16) on the handles above the table top. Then slide the handles out or in to fit the socket spacing and tighten the screws.

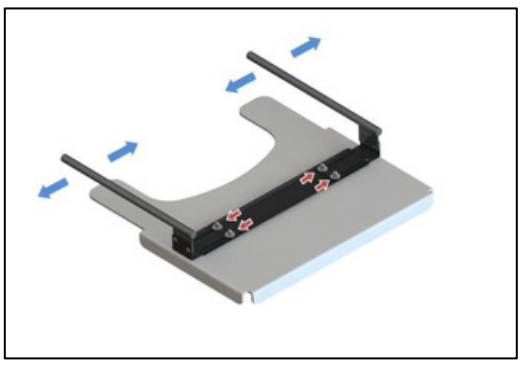


Fig. 16 Adjusting the spacing of table handles

6.3.2 Installing the table

To mount the table on the stander, loosen the locking knobs and push the handles of the table into the sockets located underneath the armrests. After sliding the table into the right depth, tighten the locking knobs (Fig. 17).

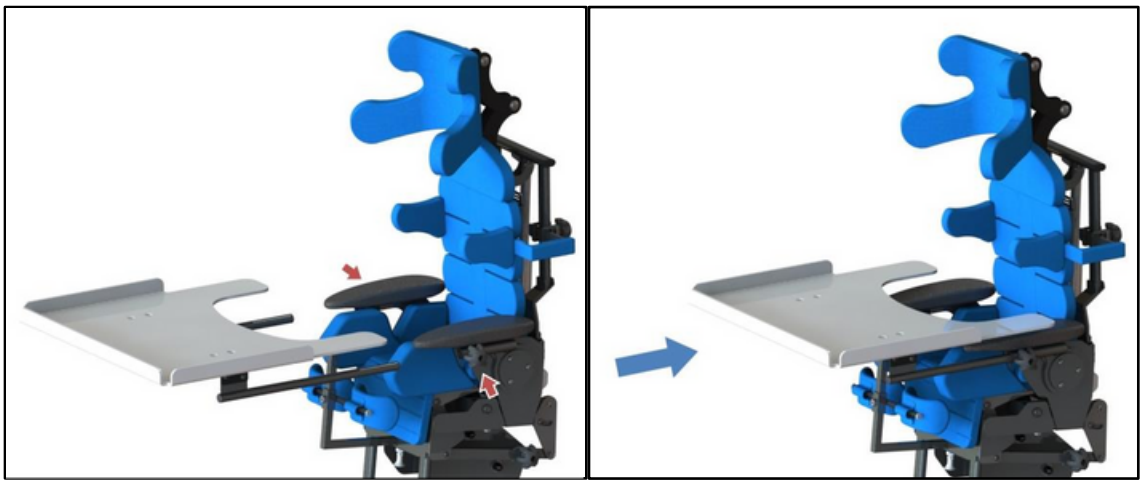


Fig. 17 Installing the table

6.3.3 Adjusting the angle of the table

The table angle can be adjusted by loosening both screws located above the handles and below the tabletop. After setting the desired angle, tighten the screws (Fig. 18). The adjustment screws are located on both the left and the right side of the table.

Fig. 18 Adjusting the angle of the table

6.4 Battery

NOTE!
BEFORE FIRST USE OF THE DEVICE, IT SHOULD BE PLUGGED INTO POWER SUPPLY NETWORK 100 – 240V TO UNLOCK ELECTRONICS OF THE BATTERY AND ITS FULL CHARGING.

To plug the device in, you should use the power supply unit to the jack (16) which is placed on the back of the device's base (fig. 19). Battery is an independent power source, which enables using the device without necessity of plugging it in into electrical network 100 - 240V. After the battery got discharged, it need to be charged again. On the battery casing, there is placed an diode which signals status of charging during loading – it is visible through the slot in the frame's base (fig. 19).

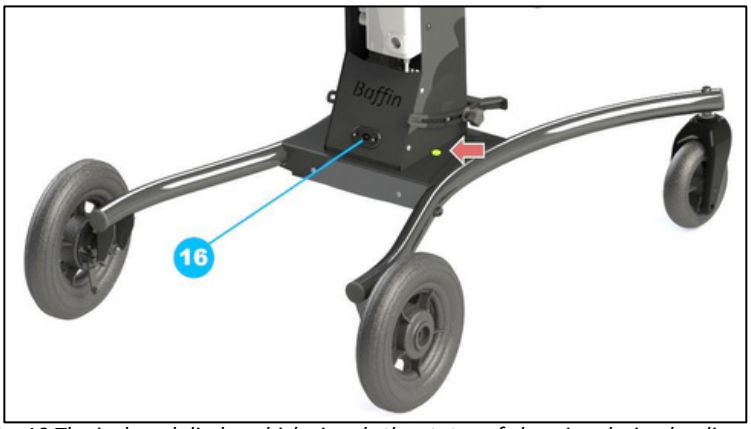


Fig. 19 The jack and diode, which signals the status of charging during loading

Charging mode (while the device is connected to the network 100-240V, for charging the device's battery, you should plug the power cord into the network (16) placed on the back of the device):
- diode is orange – short, constant impulses with 1s frequency – charging
- the diode is green – monotonous light – the loading is over, the battery fully charged.

The low status of the battery is signalled with repetitive, short sounds, which are reminders of the necessity of plugging the device into the network 100-240V to charge it again.

The first sound signal means that there is still 10-15% of the energy, which enables to complete the verticalization and safe return of the device to the starting position.

NOTE!

AFTER THE FIRST APPEARANCE OF THE WARNING SOUND SUGGESTS LOW BATTERY STATUS, THE VERTICALIZATION PROCESS SHOULD NOT BE STARTED BEFORE EARLIER PLUGGING THE DEVICE INTO THE NETWORK 100-240V. THERE IS A DANGER OF COMPLETELY DISCHARGING THE BATTERY, SUDDEN STOPPING OF THE DEVICE AND THE IMPOSSIBILITY OF PUTTING THE STANDING FRAME BACK TO THE STARTING POSITION.

Battery technical data: ion-lithium battery. Output parameters: 25.2V 1800mAh 45Wh
Charger technical data: Impulse power supply. Input parameters: AC 100-240V 1.5A. Output parameters: DC 29 V 2A

NOTE!

IN ORDER TO MAXIMISE THE LIFE OF THE BATTERY, CHARGE IT AT LEAST ONCE A WEEK FOR A MINIMUM OF 12H. AFTER THE BATTERY IS DISCHARGED, IT SHOULD IMMEDIATELY BE CONNECTED TO A POWER SUPPLY. LEAVING A BATTERY IN A FULLY DISCHARGED STATE LEADS TO ITS PERMANENT DAMAGE. COMPLAINTS CAUSED BY IMPROPER OPERATION OF THE BATTERY WILL NOT BE ACCEPTED.

6.5 Push handle

Fig. 20 Push handle for comfortable device moving

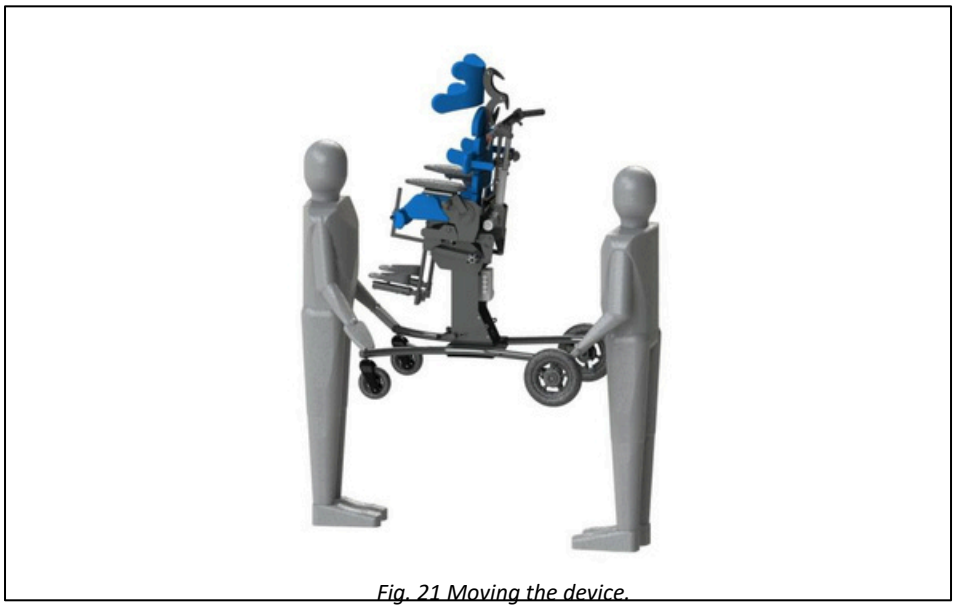


Fig. 21 Moving the device.

Moving the device BAFFIN AUTOMATIC RS requires two people. The frame of the device should be grabbed with both hands, evenly lifted and then taken to the required place.

NOTE!

CARRYING THE DEVICE WITH THE PATIENT INSIDE IS FORBIDDEN.

NOTE!

DURING TRANSPORTATION, THE REMOTE CONTROL SHOULD BE PLUGGED OFF TO PREVENT UNWANTED START-UP WHILE THE DEVICE IS ON THE MOVE (FIG 22).

Fig. 22 Remote control jack

8. Footrest blockage

The footrest blockage is used to buttress the footrest during the verticalization. The blockage should be outthrusted after achieving demanded verticalization position.

Fig. 23. The footrest's blockage knobs.

For using the blockage:

1. Put the device into a vertical position (chapter 5.2)
2. Get the knobs from the both sides of the blockage loosen (Fig.23)
3. Outthrust the blockage so it can buttress the footrest's arms (Fig. 24),
4. Tighten the knobs on both sides of the blockage (Fig. 23).

Fig. 24. Outthrust the footrest blockage. Fig. 25. Put the footrest blockage back.

To change the seat's position again, firstly, the blockage should be pushed back:

1. Loose the knobs on the both sides of the blockage (Fig. 23),
2. Push the blockage so it buttresses the footrest's arms (Fig. 25),
3. Tighten the knobs on the both sides of the blockage (Fig. 23),
4. Change the position of the seat with the remote control.

NOTE!

THE FOOTREST BLOCKAGE HAS ELECTRIC PROTECTION, WHICH FOR SAFETY ISSUES BLOCK THE REMOTE CONTROL WHEN THE BLOCKAGE IS OUTTHRUST.

9. Brakes

The multifunctional device BAFIIN AUTOMATIC RS has drum brakes on the rear wheels, which can be used as a parking brake and also help to pull back the device when needed.

The parking brake will be initiated if both levers on the back of the seat should be pushed (Fig.26). It's important to make sure that the brake remains in block position. The brakes of the left and right wheels are controlled separately, adequately with the left and right brake levers.

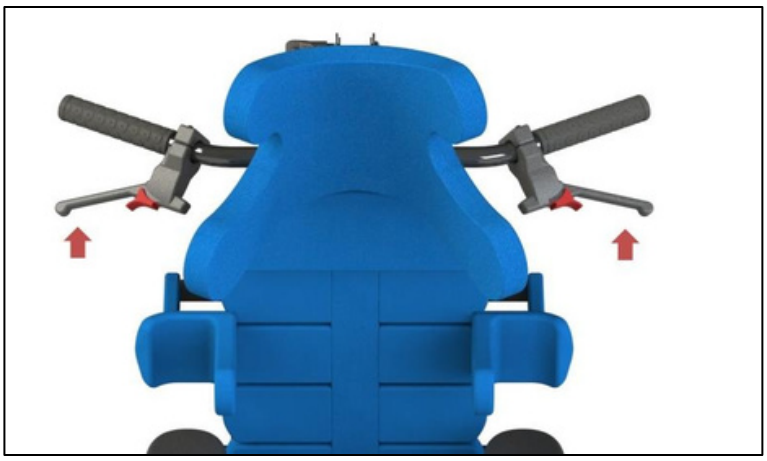


Fig. 26. Blocking the parking brake.

To release the brake, the red levers on the brake handles should be pushed (Fig. 27)

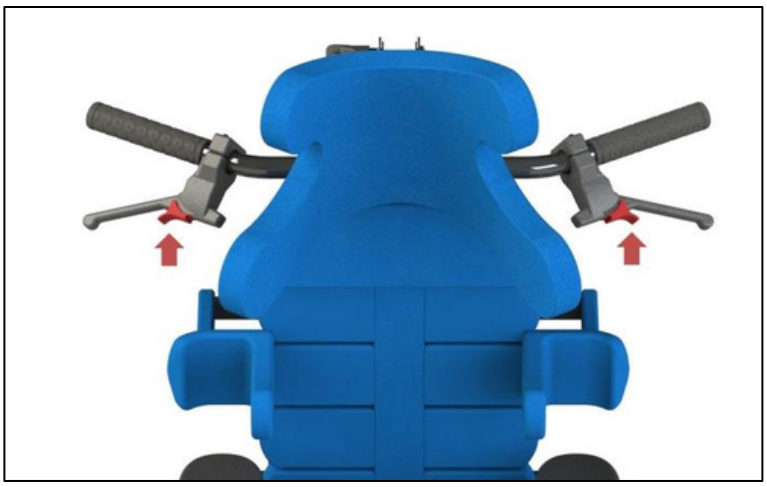


Fig. 27. Releasing the parking brake.

10. General Care and Cleaning

Multifunctional device is an mechanic device with the supporting structure made of steel and aluminium, covered with powder coating. On the metal construction there are fixed sponge-foam filling. Foams are enclosed with covers made of textile fabrics.

Multifunctional device, just as any other medical device, should be kept with fair clarity and used following with the manufacturer instructions.

10.1 Cleaning and maintenance recommendations

Paint coatings and covers made of plastics should be cleaned with cloth slightly wetted. Delicate detergents of home use are also accepted.

The upholstery that we offer is made of special, breathing fabric. They are in accordance to OEKO-TEX STANDARD100 standards, which confirms complete security of the user – also children. (The fabrics used for upholstery covers are harmful substances free, including such as: pesticides, chlorophenols, formaldehyde, causing allergy dyes, forbidden azo dyes and extractable heavy metals.

The OEKO-TEX STANDARD100 mark is granted for fabrics only for which all components on each manufacturing stage have been tested and obtained positive results.

The upholstery was designed in a way that enables taking them off and washing them. Each element is equipped with zips or naps. To wash the upholstery, they should be taken off the spongy inset. Do not wash the sponges inside! The cover should be hand washed or with the washing machine at the maximum temperature of 40C.

NOTE!
THE DEVICE IS NOT WATERPROOF. ITS DIRECT CONTACT WITH THE WATER IS FORBIDDEN. THE DEVICE SHOULD BE USED INDOOR, IN ROOM TEMPERATURE).

YOU SHOULD NOT EXPOSE THE DEVICE FOR DIRECT CONTACT WITH ATMOSPHERIC FACTORS.

NOTE!
WHILE WASHING UPHOLSTERY COVERS, EXTRA ATTENTION SHOULD BE PAID TO VELCRO FASTENERS. TO PREVENT ANY DAMAGE OF UPHOLSTERY, EXTRA ATTENTION SHOULD BE PAID ON THE VELCRO FASTENERS ARE TO BE STRIPPED OFF SO THEY WON'T BE IN CONTACT WITH UPHOLSTERY. DO NOT WASH WITH THE FOAM FILLINGS. UPHOLSTERY SHOULD BE WASHED SEPARATED WITH NO FILLINGS.

For washing you should use delicate detergents with appropriate attestation in proportions on the packing.

For children with any allergy, you should use neutral soap or special chemicals.

- Dehydration – do not squeeze; short spinning is acceptable.
- Drying – hanged at room temperature.

Sponge-foam filling:

- vacuum mechanically or by using a soft-bristled brush.
- it is accepted to wash with a cloth wetted with water and a delicate chemical agent; after this action, it should be properly dried at room temperature.

10.2 Disinfection

In the situation when the device is used by more than just one person (e.g. at the rehabilitation centre), disinfectants should be in use. For manual disinfection it is advised to use INCIDIN PLUS in solution 0,25% - 0,5% or similar disinfectant. Follow the instructions given by the manufacturer.

Hint: before the disinfection process, both upholstery and handles should be cleaned.

11.Disposal of the product

The device is marked with the symbol of scratched disposal container, according to the European Directive 2012/19/WE about the Wasted Electrical and Electronic Equipment (WEEE). The products marked like that after it exploitation time should not be utilised or thrown away with the municipal waste.

He is obliged to disinfect the device, since the product which has not been disinfected in line with the environment protection laws is considered to be hazardous.
Disposal of the product may be:

- Carried out by a company which is in possession of the credentials required to dispose of the devices.
- In case when the product is scrapped, the plastic elements shall be disposed of separately from the metal ones, in line with the requirements.
- Should any questions arise, one should address them to local authorities, waste disposal companies, place or purchasing the product, or to our service centre.
- The electrical components (drives, controllers, panels, batterries) shall be disposed of as electrical waste, in line with the WEEE directive.

12. Service and Maintenance

Should you notice and faults or defects, you should stop using the buggy immediately and contact your dealer or manufacturer. Defective unit must be protected against enlarging the area of damage. Never attempt to disassemble or repair the product. Do not replace original parts with the ones coming from a source other than the manufacturer recommends.

If the user decides not to continue using the product it is bound to its disposal in accordance with the applicable environmental regulations.

The economic lifetime of the product is five years.

The manufacturer provides post – warranty service. Contact details:

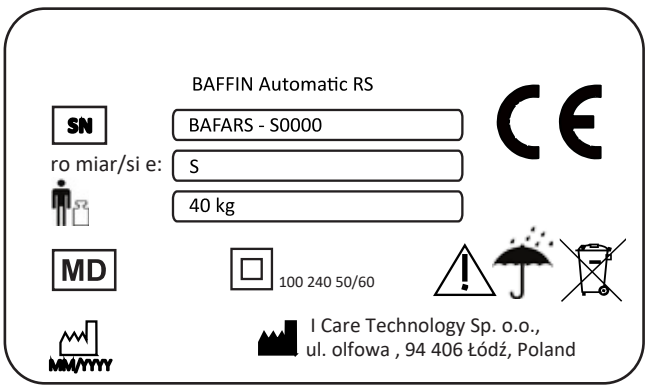
LIW Care Technology Sp. z o.o., ul. Golfowa 7, 94-406 Łódź, Poland.

biuro@liwcare.pl

Current contact details are available on: www.liwcare.pl

Warranty terms are specified in the warranty card, which is an integral part of this statement. The warranty card is available on the last page of this document.

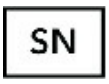
13. Identification plate



14. Symbols meaning

Manufacturer's name

Date of manufacture



Serial Number

User's permissible weight

Avoid contact with water

Note! Follow product instructions

Electrical appliance protection class II
100-240V - Current voltage
50/60 Hz – Current frequency

Unlocking direction

Movement direction

Mark of conformity according to the Regulation 2017/745 of the European Parliament and of the Council (EU) dated April 5th, 2017, on medical devices, Annex V.

Ban on disposal of the device to household waste-bin

Medical device

15. Compliance with the safety requirements for medical devices

Hereby, we confirm that the multifunctional device Baffin Automatic RS meets the requirements of the Regulation of the European Parliament and of the Council (EU) 2017/745, dated April 5th, 2017, on medical devices.
The multifunctional device Baffin Automatic RS, in accordance with Annex VIII of the Regulation of the European Parliament and of the Council (EU) 2017/745 dated April 5th, 2017, on medical devices is a non-invasive, active class I medical device according to the rule 13th.

The Declaration of Conformity for this product can be found in manufacturer's Sales Department

Warranty

This Limited Warranty is extended only to the original purchaser. Baffin Technology Systems Limited warrants Baffin Trio against defects in materials and workmanship from the date the product is delivered to the original purchaser by Baffin Technology Systems Limited.

Your new Baffin AUTOMATIC is guaranteed from the date of delivery as listed below:

1. Two years for all material and manufacturing defects of mechanical parts.
2. One year for all electronic components, including the actuators.
3. Upholstered components, plastic parts, rubber parts, painted surfaces, and bearings.
4. 180 Days for batteries and other parts not specifically identified above.

• If the product is rented or otherwise not sold to a consumer, the warranty period commences from the date of invoice from Baffin Technology Systems Limited.

• Any product proven to be to Baffin Technology Systems Limited's satisfaction to be defective and within the warranty period shall be repaired or replaced by Baffin Technology Systems Limited free of charge.

• Baffin Technology Systems Limited's sole obligation and customers' exclusive remedy under this warranty shall be limited to such repair and / or replacement.

• Freight charges (if necessary) to the factory are at the expense of the Customer. Return freight charges will be prepaid by Baffin Technology Systems Limited.

• Baffin Technology Systems Limited will not repair or replace free of charge any part or parts found to be defective due to abuse, misuse or lack of maintenance.

• The Customer has no claim on warranty if there has been any design, mechanic or electronic modifications have been made (except those done by Baffin Technology Systems in partnership with Liw Care Technology) on the Baffin Trio without the approval from Baffin Technology Systems.

• Baffin Technology Systems Limited and / or Liw Care Technology SHALL NOT BE LIABLE

FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

Baffin Technology Systems Limited, in partnership with LIW Care Technology, maintains a policy of continual product improvement and reserves the right to change features, specifications and prices without prior notification. Check with Baffin Technology Systems Limited for the latest information. Your statutory rights are not affected.

Baffin Technology Systems Limited

EU DECLARATION OF CONFORMITY

Manufacturer:

LIW Care Technology Sp. z o.o.
ul. Golfowa 7
94-406 Łódź, Poland

Hereby declares that

BAFFIN AUTOMATIC RS
size: S, M and L

bearing CE mark is a Class I medical device, Rule 13 in accordance with Annex VIII of Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices and fulfills the requirements specified in this Regulation.

The conformity assessment was done according in Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices.

Medical device is in conformity with the following harmonized standards:

- PN-EN 12182:2012
- PN-EN ISO 14971:2012
- PN-EN 1041+A1:2013-12
- PN-EN ISO 15223-1:2017-02
- PN-EN 60601-1-2:2015-11
- PN-EN ISO 13485:2016

We declare that the product fulfills requirements of the RoHS Directive 2011/65/UE, including all its amendments.

Basic UDI-DI: 5904384015AUTOMATICRSM7

EU declaration of conformity is issued under the sole responsibility of the manufacturer.

On behalf of the manufacturer:
Tomasz Chmielecki, CEO

Signature:

Łódź, 26th of May 2021

LIW CARE TECHNOLOGY Sp. z o.o.
94-406 Łódź, ul. Golfowa 7
NIP: 729-266-53-87, REG. 100715121
KRS: 0000333719

Manufacturer's seal: