

USE AND MAINTENANCE HANDBOOK





Thank you for choosing **STANDY**, from ORMESA s.r.l.

The STANDY combines style and ergonomics without compromising on safety.

ORMESA recommends that you read this manual very carefully to fully understand its contents. In addition to helping you become familiar with STANDY quickly, it also contains practical tips for making the best use of it safely and keeping it in good working order.

Following the recommendations of this manual will help you achieve the rehabilitative goal for which this aid was developed.

If, after reading it, you still have questions, contact your retailer, who will be happy to help you, or call ORMESA directly at +39 0742 22927, send a fax to +39 0742 22637 or send an e-mail to: info@ormesa.com

Luigi Menichini



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- Carefully read and understand the instructions in this manual before using the device because they have been written with the user's safety in mind and they will help the carer use the product safely and keep it in good working order. The Use and Maintenance Manual is an integral part of the product and must be carefully preserved for future reference.
- The manual is intended for technically qualified retailers and for users and their assistants; it provides instructions for using the product correctly and must be supplemented by adequate knowledge of the rehabilitation program for which it has been prescribed.
- The manual reflects the technical state of the product at the time it was sold.
 ORMESA reserves the right to make any changes to the product or manual suggested by experience, technical considerations or regulatory developments without any obligation to update its previous production and relevant manuals.
- STANDY must be prescribed by a medical specialist who will also supervise its use.
- The product must only be used by **persons whose bodily measurements and weight** conform to the specifications in the paragraph "TECHNICAL CHARACTERISTICS" on pages 8 and 9.
- STANDY must be used with the assistance and constant presence of qualified personnel or a family member.
- **ATTENTION!** Make sure that **all adjustable parts have been locked before each use**.
- To make **adjustments while the product is in use**, follow the instructions in section "HOW TO ADJUST STANDY" on pages 15 and following of the manual.
- ATTENTION! The product is not fireproof, so keep ST ANDY far fro m flames, cig arettes or fires
- Clean STANDY following the instructions shown in the "MAINTENANCE" section (see page 33).

PRODUCT REPAIRS OR MODIFICATIONS other than the regular maintenance shown on pages 33-34 of the manual MUST ONLY BE MADE BY ORMESA S.R.L. OR AN AUTHORIZED SERVICE CENTRE, OR THE WARRANTY AND € MARKING WILL BE VOIDED

- STANDY IS NOT DESIGNED FOR USE OUTDOORS except on flat, paved surfaces protected from bad weather

Perform regular maintenance and cleaning following the instructions shown in the "Maintenance" chapter on pages 33-34 and have the device inspected at the intervals indicated to verify that it is working properly and in good condition, such as, for example, the absence of scraped paint or worn brakes, failing the warranty and CE marking will lapse



ORMESA warrants the STANY 3/4 standers for 2 years. In case of problems, contact the retailer where you purchased it.

ORMESA will not be liable for damage in the following cases:

- use by an unsuitable person;
- incorrect assembly of parts or accessories;
- unauthorized modifications or service:
- use of other than original replacement parts and parts subject to wear (upholstery, wheels, etc);
- improper use (such as, transporting objects or loads larger or heavier than those shown in the instruction manual):
- damage caused by incorrect use and lack of regular maintenance, as shown in the instruction manual:
- exceptional events;
- failure to follow the instructions in this manual.

THE GUARANTEE DOES NOT COVER WEAR PARTS, which are subject to wear and tear, such as the upholsteries and the wheels.



HOW TO STORE AND TRANSPORT THE MEDICAL DEVICE

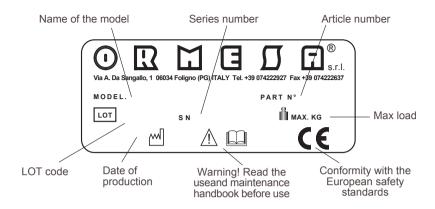
THE DEVICE MUST BE STORED AND PACKED using the Ormesa original packaging materials, unless the guarantee will be voided

- Once unpacked, THE TRANSPORT OF THE DEVICE must be done by ANCHORING ADEQUATELY it to the vehicle
- When travelling by plane, or in the car, DO NOT SUBJECT THE FOLDED FRAME TO LOADS THAT, especially with road bumps, COULD DAMAGE ITS STRUCTURE

THE DEVICE MUST BE PARKED / STORED IN CLOSED AND DRY PLACES

- THE OPERATING ENVIRONMENT HAS NO PARTICULAR INFLUENCE ON THE DEVICE UNLESS IT IS USED INCORRECTLY, such as by leaving it parked for a long time in direct sunlight or exposed to bad weather such as rain, or in MARINE ENVIRONMENTS, where the salt air could corrode the paint and sliding parts. IN THIS CASE, WE RECOMMEND CAREFULLY CLEANING AND DRYING THE FRAME FOLLOWING THE INSTRUCTIONS SHOWN IN THE "MAINTENANCE, CLEANING AND DISINFECTION" CHAPTER ON PAGES 33-34 AND THE WARNINGS ⚠ ON PAGE 33

LABELS AND PLATES



THE CE MARK CERTIFIES 869 THAT THE BUG **SEAT** WITH **BASES** 856, AND CONFORMS TO THE **SAFETY REQUIREMENTS** OF THE **EUROPEAN** UNION AND, IN PARTICULAR. TO THE 2007/47/EC DIRECTIVE ON "MEDICAL DEVICES"



SOME EXAMPLES OF WHAT NOT TO DO WITH STANDY

- DO NOT USE THE PRODUCT WITH PERSONS LARGER OR SMALLER THAN THE DIMENSIONS SHOWN ON PAGES 8 and 9. STANDY must be prescribed by a medical specialist in conformity with the laws and standards in force
- DO NOT PLACE THE STANDER ON A SLOPING SURFACE OR NEAR STAIRS
- Do not lift the stander to move it WHEN THE PERSON IS USING IT
- DO NOT REST EXCESSIVELY HOT CONTAINERS OR OBJECTS ON THE TRAY SURFACE BECAUSE THEY COULD TIP OVER and because the wood or covering could be seriously damaged
- DO NOT ALLOW OTHER PEOPLE TO USE THE PRODUCT, NOT EVEN FOR PLAYING
- NEVER LEAVE THE USER UNATTENDED OR NEAR OPEN FLAME OR STAIRS
- NEVER LEAVE STANDY PARKED FOR A LONG TIME IN DIRECT SUNLIGHT OR NEAR SOURCES OF HEAT: THIS WILL AVOID OVERHEATING THE DEVICE AND DISCOLOURING THE UPHOLSTERY

DO NOT USE THE PRODUCT WITH MISSING OR DAMAGED PARTS or the warranty and € mark will be voided DO NOT CARRY THE CHILD OVER ROUGH OR STEEP SURFACES OR STAIRS

HOW TO MOVE STANDY

ATTENTION! IT CAN TIP OVER IF TILTED MORE THAN 20°

STANDY 3

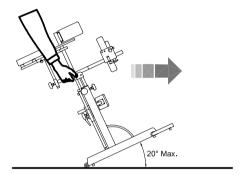


fig. A

STANDY 4

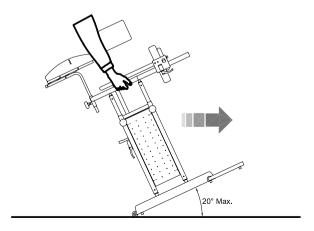
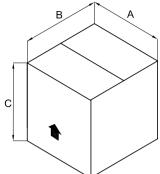


fig. A

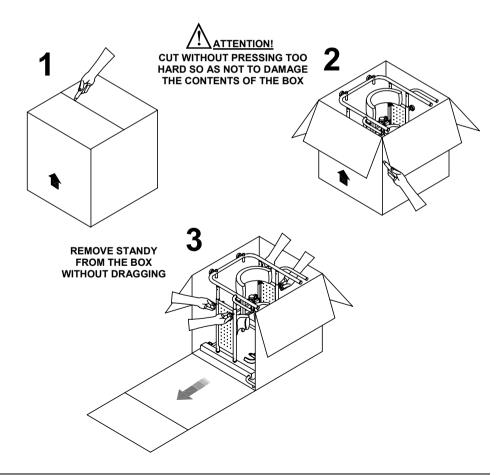
INITIAL PREPARATION

PACKING INFORMATION



Stander	A cm	B	C	VOLUME	WEIGHT kg
STANDY 3	80	80	84	0.537	33
STANDY 4	85	80	93	0.632	42

REMOVING STANDY FROM THE BOX

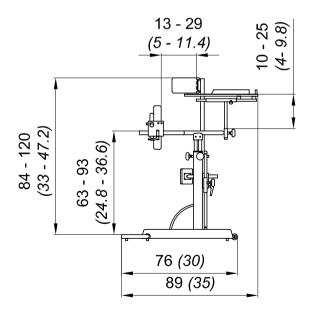


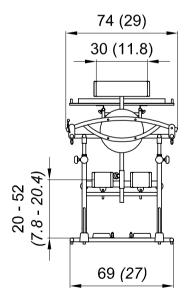
TECHNICAL CHARACTERISTICS STANDY 3

- Available in two sizes: STANDY 3 for children and STANDY 4 for adults (page 9)
- Frame height-adjustable, painted with non-toxic polyester and epoxy-polyester powder paints
- **Ergonomic work table** in plastic laminated wood, height-adjustable, removable. Semi-rigid side protections.
- Kneepads width-, depth- and height-adjustable.
- Padded depth- adjustable back support.
- Padded height- adjustable chest support.
- Heel stops width- and depth-adjustable
- Footrest in aluminium with diamond-pattern, non-skid surface
- Wheels allow moving the aid from one room to another by tilting it, without the user (fig. A on page 6)

Dimensions in cm and inches

HYPHEN-SEPARATED NUMBERS INDICATE THE MINIMUM AND MAXIMUM RANGE OF ADJUSTMENT





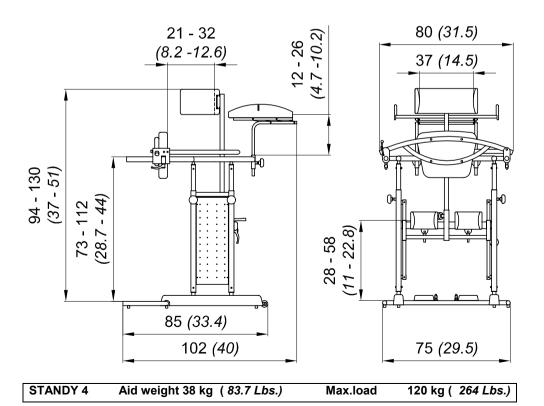
STANDY 3 Aid weight 28.9 kg (63.7 Lbs.) Max. load 90 kg (198 Lbs.)

TECHNICAL CHARACTERISTICS STANDY 4

- Available in two sizes: STANDY 3 (page 8) for children and STANDY 4 for adults
- Frame height-adjustable, painted with non-toxic polyester and epoxy-polyester powder paints
- Work tray in plastic laminated wood, height-adjustable, removable
- Kneepads width-, depth- and height-adjustable covered with fireproof material
- Arm support adjustable, chromed
- Padded depth- adjustable back support.
- Padded height- adjustable chest support.
- Heel stops width- and depth-adjustable
- Footrest in aluminium with diamond-pattern, non-skid surface
- Wheels allow moving the aid from one room to another by tilting it, without the user (fig. A on page 6)

Dimensions in cm

HYPHEN-SEPARATED NUMBERS INDICATE THE MINIMUM AND MAXIMUM RANGE OF ADJUSTMENT



HOW TO USE STANDY

STANDY IS A STANDER DESIGNED FOR ACHIEVING AND MAINTAINING AN ERECT POSITION.

It is recommended for persons such as paraplegics, quadriplegics, spastics, dystonics, hypotonics and the elderly and MUST BE PRESCRIBED BY A MEDICAL SPECIALIST WHO HAS DETERMINED:

- that there are no dislocations or fractures of the lower limbs
- that there is no dislocation of the hip
- that there is no bone fragility
- that the person is not convalescing from recent surgery
- that the person's dimensions and weight are not greater than the maximum weight and/or shorter or taller than the heights indicated on page 6
- the degree of extension of the lower limbs
- that the intended user is capable of using the aid

THE DEVICE IS INTENDED FOR USE:

- at home
- in specialized rehabilitation centres
- in hospital gymnasiums
- in nursing homes



DO NOT LEAVE THE USER UNATTENDED OR NEAR OPEN FLAME OR STAIRS



THE AID MAY BE USED OUTDOORS ONLY IF THE SURFACE IS FLAT AND WELL-PAVED AND PROTECTED FROM BAD WEATHER

WHAT DOES STANDY DO

STANDY HAS BEEN DESIGNED:

- to provide training in achieving an erect position
- for maintaining the upright position with the load on two feet, which would otherwise be impossible

With **STANDY** the user obtains a postural adaptation that allows the body to maintain a **secure position**, **anchored and bound by the support surfaces**, allowing selective exploration and a dialogue with the surrounding physical/social world.

STANDY can, in fact, be used in normal life situations by children and adults, increasing opportunities for their active involvement and, thus, real integration.

AN APPROPRIATE USE OF STANDY CAN FACILITATE:

- the prevention of deformities
- training the postural muscles
- the control and straightening of the head, facilitated by the decreased gravity-opposing effort of the trunk thanks to the chest support, which can be removed when there is sufficient trunk control (fig. F, f page 16)
- the programmed control of labyrinthine-vestibular function disturbances
- the experience of manual activities guided by vision, eased by the fact that the upper limbs are freed from protection and support functions

IN ADDITION, AN ERECT POSITION:

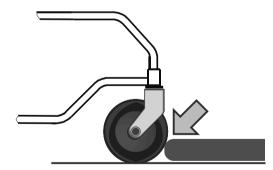
- increases respiratory capacity due to increased ventilation and reduced obstructive phenomena
- facilitates peristalsis
- facilitates circulatory functions

It is especially important to emphasize that STANDY is an aid that increases the ability to adapt to the surrounding environment by increasing personal autonomy, i.e., the possibility of relating to oneself, others and the physical environment: the ability to "put oneself in contact with ..."

HOW STANDY WORKS

- Bring the wheelchair close until it touches the base of the stander with its front wheels





- Position the lower limbs in the HEEL STOPS (see page 20)
- Make sure that the kneepads allow the knees to flex slightly: flexion can be increased or decreased with the person in the upright position by adjusting the kneepads or heel stops (see pages 19, 20)



If the product has accessory 861, engage the brakes before making the adjustments

Be very careful to apply ADEQUATE FORCE TO THE CHEST AND PELVIC SUPPORTS: in fact, it must be SUFFICIENT TO ENSURE A MINIMUM OF STABILITY.

- Fig. B: avoid excessive support that could cause a "feeling of constriction"
- Fig. C: a support that is too "light" could cause "fear of falling" reactions or a feeling of instability
- -Fig. D: in the correct position, the feet should be equidistant from the centre of the support platform, the pelvis symmetrical and aligned with the trunk, and the trunk and legs extended

If there is sufficient trunk control, the chest support may be lowered or removed (see p.16).

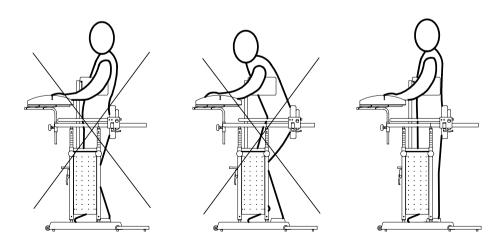
ATTENTION: THE STANDER MUST ALLOW THE USER TO PERFORM ACTIVITIES IN A CORRECT AND FACILITATING POSITION AND MUST NOT SERVE TO KEEP THE PERSON STILL OR IMMOBILE

The work tray, which is also adjustable, should be set so that it allows use of the hands with the upper limbs semi-extended.

fig. B

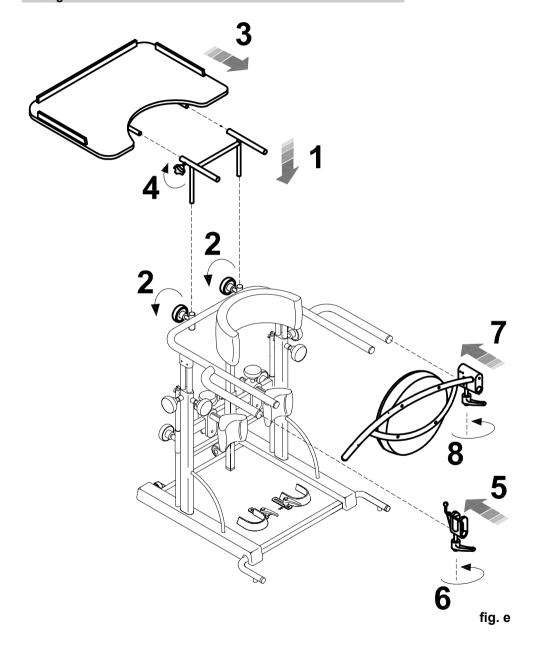
fig. C

fig. D

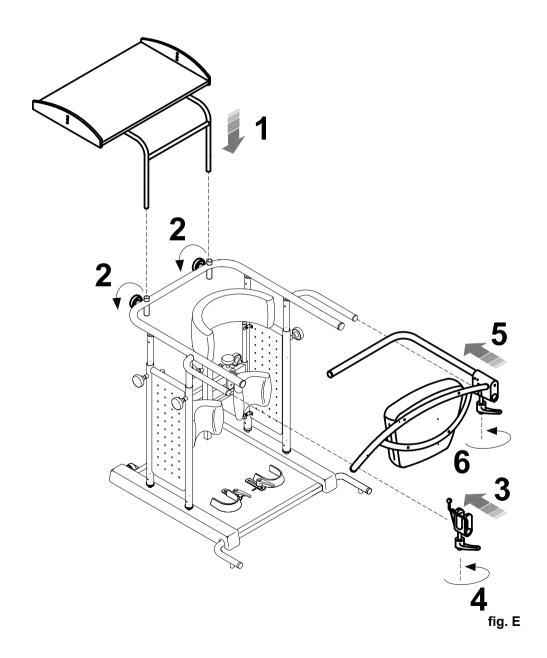


HOW TO ASSEMBLE STANDY

Fitting the WORK TABLE and the BACK SUPPORT on STANDY 3



Fitting the WORK TRAY and the BACK SUPPORT on STANDY 4



HOW TO ADJUST STANDY

THE STANDER IS ADJUSTED IN <u>THREE PHASES</u> AND MUST BE PERFORMED <u>UNDER</u> THE DIRECT SUPERVISION OF THE SPECIALIST WHO PRESCRIBED IT.

1st PHASE: YOU MUST MEASURE:

- the person's height from below the chest to the ground, which must be used to position the chest support.
- the distance from the kneecap to the ground, which must be used to position the stander's kneepads

The measurements can be taken with the person standing or lying down.

2nd PHASE: INITIAL ADJUSTMENT WITHOUT THE USER

Transfer the measurements made in phase 1 to the stander

3rd PHASE: SUBSEQUENT ADJUSTMENT WITH THE USER

Check:

- that, once closed, the back support is located in the centre of the buttocks.
 The height of the arm support will depend on the positioning of the rear pelvis thrust cushion
- 2. the positioning of the kneepads
- 3. the positioning of the heel stops in width and depth
- 4. the position of the thoracic support
- 5. the position of the tray, which must be set by checking the user's height from under the elbow to the ground (minimum height). In those cases where it is not possible to take this measurement with the person standing, measure the distance from bent elbow to feet with the user lying down. To operate the handle (STANDY 4 only) the tray must be moved away.
- **6. the vertical alignment of the thorax and the pelvis** (any lateral deviation can be corrected with accessory 857, see pages 25 and 26)
- 7. the flexion of the limbs: the standing position is determined by the front-toback adjustment of the cback support, kneepads and heel stops



ATTENTION:

ALL ADJUSTABLE ELEMENTS MUST BE LOCKED!!!

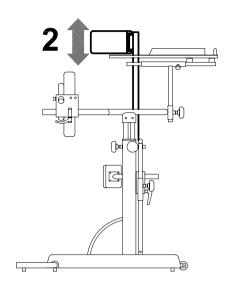
MAKE SURE THAT ALL THE ADJUSTMENTS ARE SECURELY LOCKED IN PLACE TO AVOID SITUATIONS OF DANGER FOR THE USER.



WARNINGS:

THE ADJUSTMENTS MUST BE CHECKED BY THE PRESCRIBER AND REHABILITATION THERAPIST WHEN CONSIDERED APPROPRIATE TO OPTIMIZE THE STANDING POSITION, BECAUSE <u>ADEQUATE USE AFFECTS THE PERSON'S FLEXION AND DECREASES HIS/HER RIGIDITY</u>

Adjusting the height of the CHEST SUPPORT on STANDY 3 It can be removed for users with sufficient trunk control



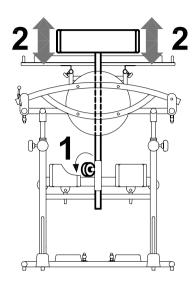
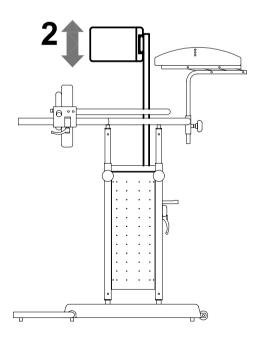


fig. f

Adjusting the height of the CHEST SUPPORT on STANDY 4

It can be removed for users with sufficient trunk control



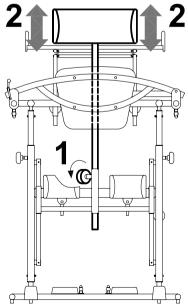
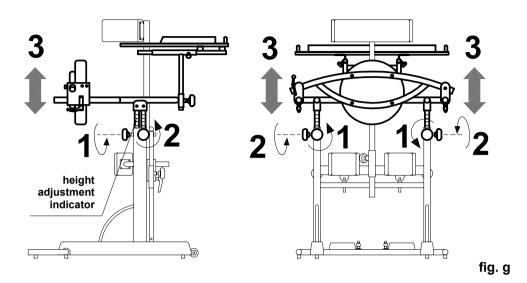
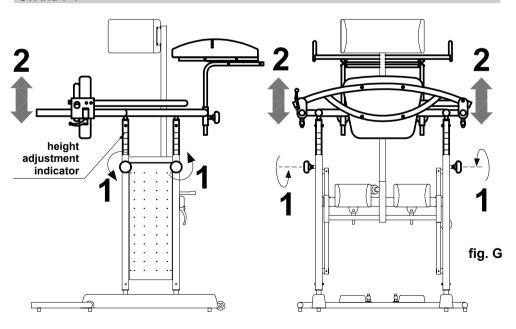


fig. F

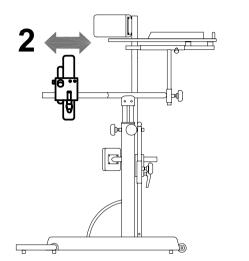
Adjusting the height of the HAND SUPPORT RING and BACK SUPPORT on STANDY 3



Adjusting the height of the HAND SUPPORT RING and BACK SUPPORT on STANDY 4



Adjusting the depth of the BACK SUPPORT on STANDY 3



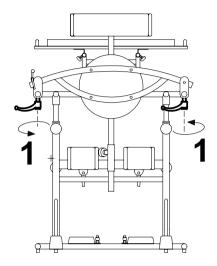
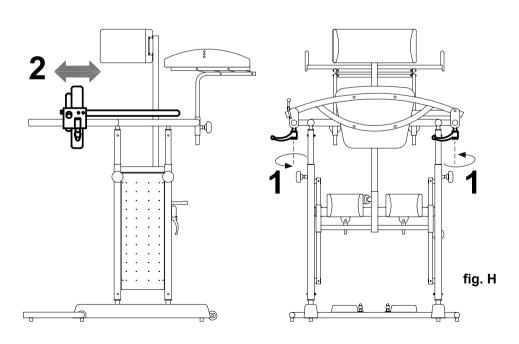
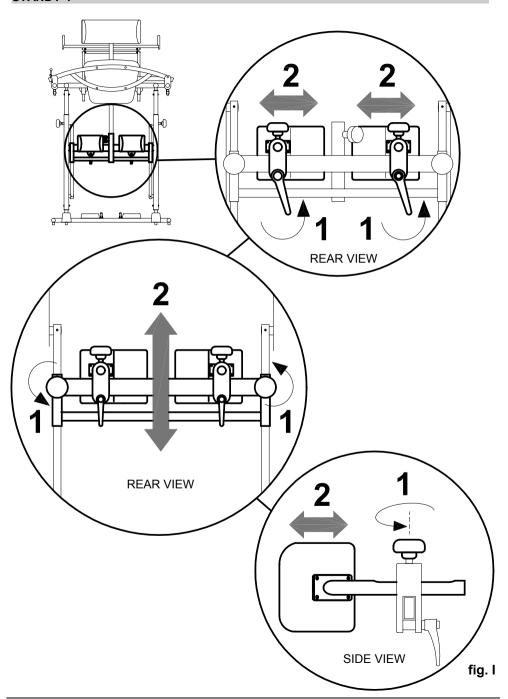


fig. h

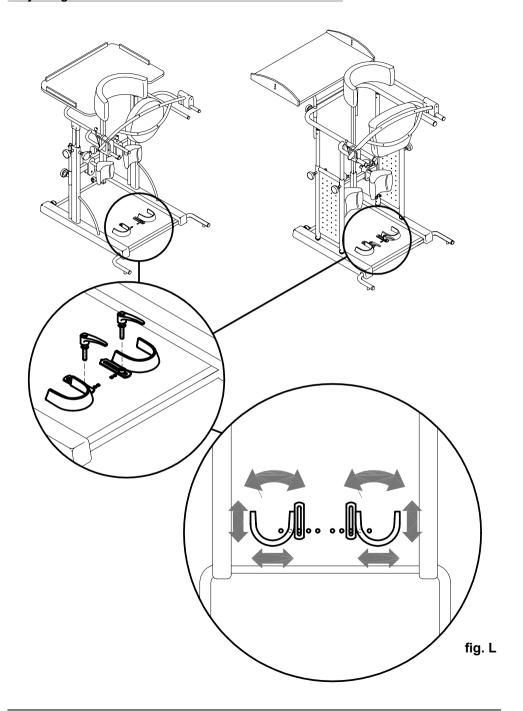
Adjusting the depth of the BACK SUPPORT on STANDY 4



Adjusting the width, height and depth of the KNEEPADS on STANDY 3 and STANDY 4



Adjusting the HEEL STOPS on STANDY 3 and STANDY 4



Adjusting the height of the WORK TABLE on STANDY 3

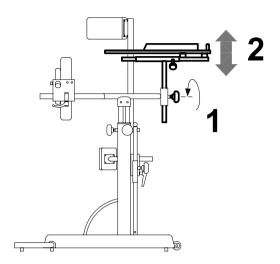


fig. m

Adjusting the height of the WORK TRAY on STANDY 4

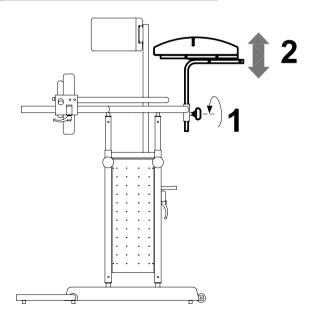


fig. M

Adjusting the depth of the WORK TABLE on STANDY 3

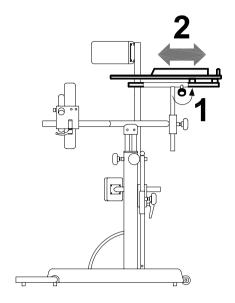


fig. n

Adjusting the depth of the WORK TRAY on STANDY 4 during use

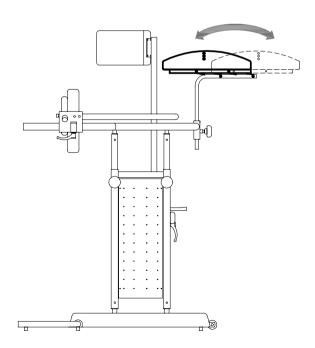


fig. N

Opening the BACK SUPPORT on STANDY 3

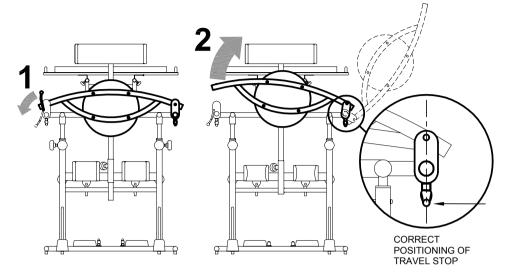


fig. o

Opening the BACK SUPPORT on STANDY 4

FIRST MOVE THE TRAY FORWARD AND AWAY (see fig. N on page 22)

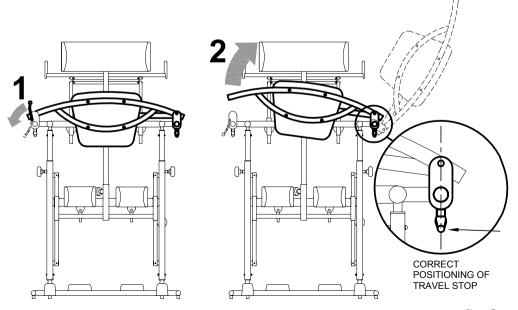


fig. O

How to remove the HANDLE on STANDY 4

The handle that moves the back support must be removed, using the wrench provided, in the following cases:

- 1. If it is not used autonomously by the user
- 2. When accessory 865 must be added (see page 30, fig. S)

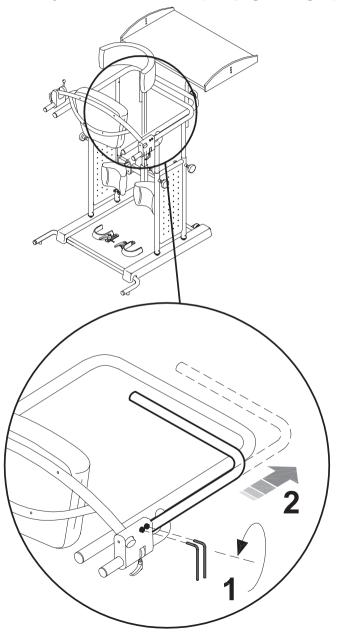
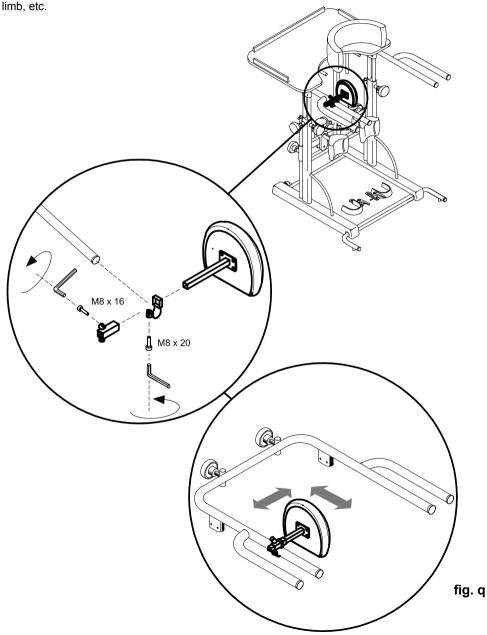


fig. P

MOUNTING AND ADJUSTMENT OF ACCESSORIES

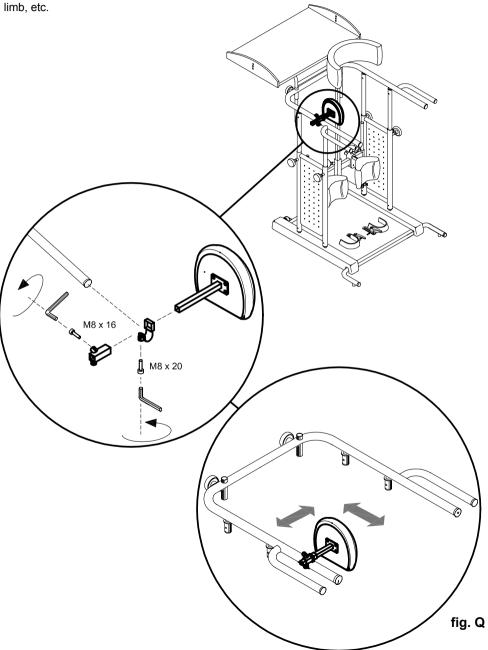
SIDE SUPPORT 857 on STANDY 3

Accessory 857 consists of a side support for the pelvis when it is deviated with respect to the vertical axis due to a user position determined by, for example, scoliosis, shortening of a lower limb etc.

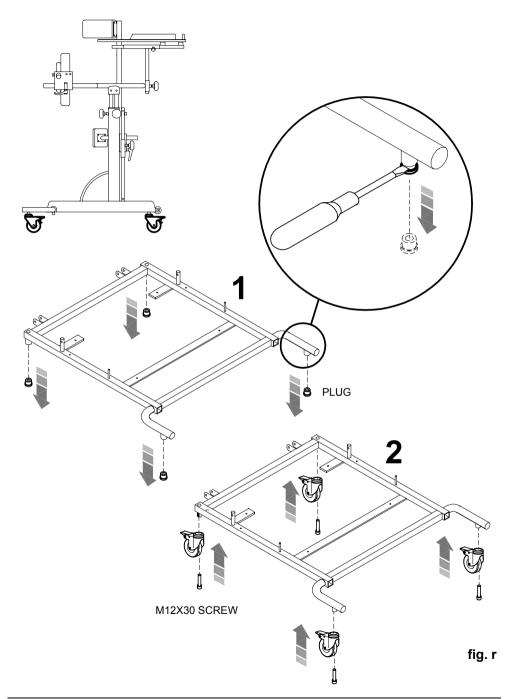


SIDE SUPPORT 857 on STANDY 4

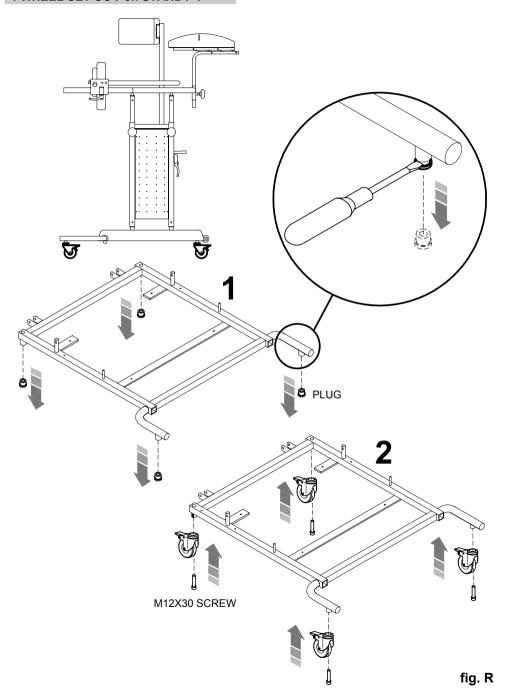
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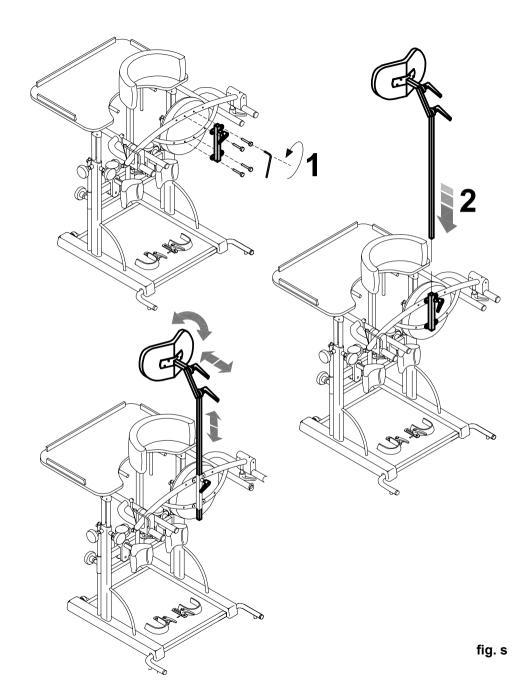
4-WHEEL SET 861 on STANDY 3



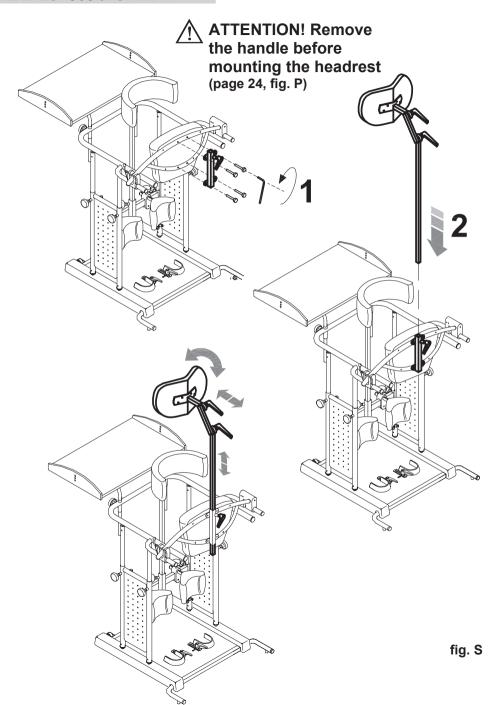
4-WHEEL SET 861 on STANDY 4



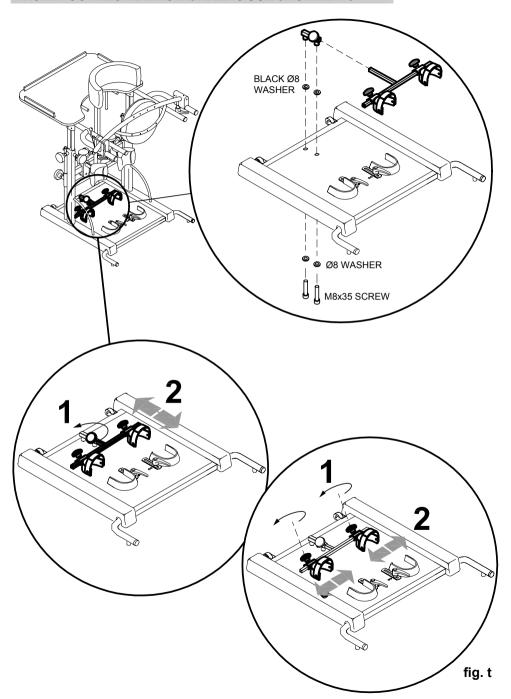
HEADREST 865 on STANDY 3



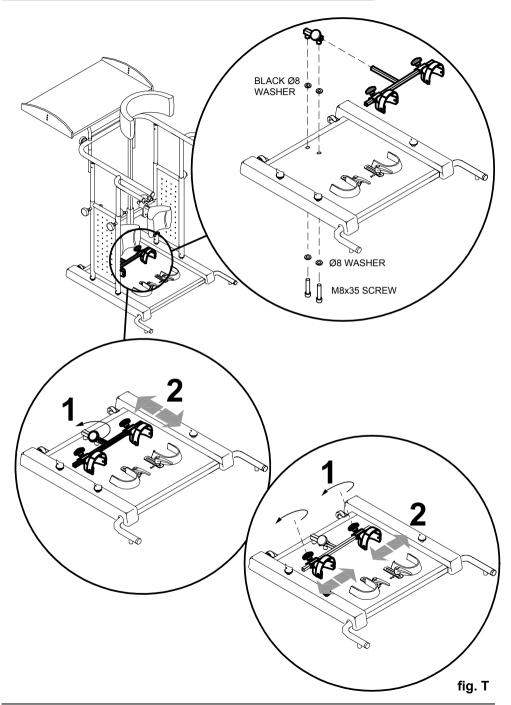
HEADREST 865 on STANDY 4



FRONT FOOT RESTRAINTS with BELTS 902 on STANDY 3



FRONT FOOT RESTRAINTS with BELTS 902 on STANDY 4



MAINTENANCE AND CLEANING

REGULAR (OR PREVENTIVE) MAINTENANCE

REGULAR MAINTENANCE MUST BE PERFORMED ONCE A MONTH. REGULAR MAINTENANCE IS REQUIRED TO KEEP THE PRODUCT WORKING PROPERLY AND SAFELY AND IS ESSENTIAL FOR KEEPING THE CE MARK.

THE MANUFACTURER IS NOT LIABLE FOR THE PERFORMANCE OF THE PRODUCT UNLESS REGULAR MAINTENANCE IS PERFORMED (ATTACHMENT 1, DIRECTIVE 2007/47/CE). THE MANUFACTURER ALSO RECOMMENDS THAT YOU HAVE THE SUPPLIER PERFORM A COMPLETE REVIEW OF THE PRODUCT'S OPERATION AND SAFETY WITH THE FOLLOWING FREQUENCIES:

- 1) within 3 months from purchase;
- 2) within six months from purchase;
- 3) once a year after the first year from purchase

Clean and disinfect the device and its accessories regularly, following the instructions provided below.

Cleaning the painted and chrome-plated frame

Clean painted and chromed parts with a soft cloth dipped in alco hol diluted with water. Do not grease the adjustable parts

Cleaning the upholstery

Clean the upholstery with a soft cloth dipped in water and a neutral detergent.

Cleaning the base

Use a soft cloth dipped in water and a neutral detergent.

Cleaning the tray

Use a soft cloth dipped in water and a neutral detergent.

After cleaning, dry thoroughly with a soft cloth.

Lubrication

The product does not require any particular lubrication.

Cleaning the wheels (accessory 861)

Keep the wheels clean by removing build-ups of dust, hair and anything else that can stick to them.

After cleaning, dry thoroughly with a soft cloth.





If you notice any INEFFICIENCY, even partial, of the BRAKES (accessory 861), immediately contact the retailer where you purchased the product, who will determine whether they need to be repaired or replaced to avoid dangerous situations that could cause accidents



Do not perform maintenance or replace parts or accessories when the user is in the device



Intensifie all checks in marine environments, clean more often, anoint the parts exposed to salt corrosion (such as chrome, bolts and screws)

EXTRAORDINARY (OR CORRECTIVE) MAINTENANCE

EXTRAORDINARY MAINTENANCE MEANS ANYTHING DONE TO THE PRODUCT THAT IS NOT MENTIONED ABOVE.

WE RECOMMEND THAT THE USER, RETAILER AND HEALTH FACILITIES ENTRUST ALL EXTRAORDINARY OR CORRECTIVE MAINTENANCE TO THE MANUFACTURER OR OTHER FACTORY-AUTHORIZED SERVICE CENTRE.

ANY OTHER SOLUTION WILL RESULT IN THE USER AND THE THIRD-PARTY MAINTAINER FULLY RESPONSIBLE FOR THE RESULTS OF THEIR WORK AND THE MANUFACTURER WILL ONLY BE LIABLE FOR ORIGINAL DEFECTS OF MATERIALS OR WORKMANSHIP.



If the product is to be disposed of, it must be done according to the law in the country of destination

CUSTOMER SERVICE AND SPARE PARTS. REUSE

Only contact the retailer where you purchased the product for service and replacement parts.

REUSE

STANDY is suitable for reuse on the condition t hat it is accomp anied by the use and maintenance manual. In the absence of the manual, request one from the retailer who supplied the product or directly from Ormesa S.r.I.

before using a previously used product:

- a) become familiar with its functions. If you are not familiar with the product, read the instructions before reuse;
- b) clean the product following the instruction given on pages 33-34 of this manual.



Via A. Da Sangallo, 1 Paciana 06034 FOLIGNO PG ITALY

COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =



PRODUCT TESTED BY TÜV BERLIN

FDA REGISTERED - USA

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