



User manual – N. 2 – 2004



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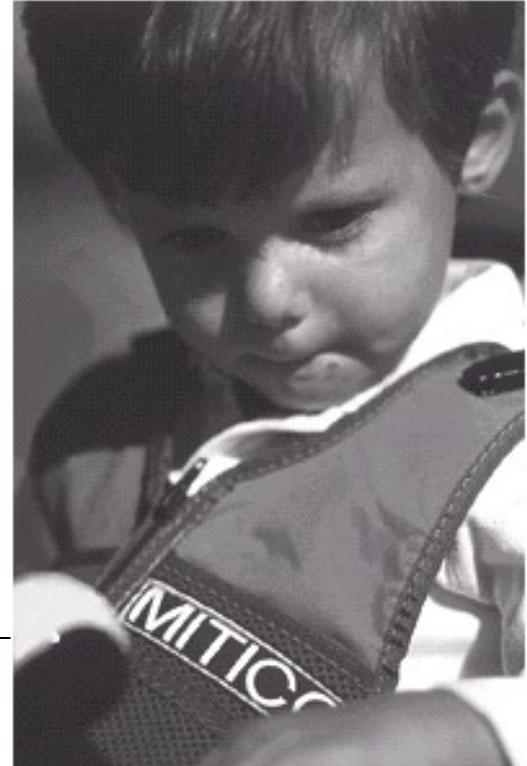
Thank you for choosing MITICO as your new and colourful postural seat.

Mitico is the result of extensive research and specific know-how in regards to children's equipment.

*It supports their bodies in a careful and comfortable way. The **range of available** colors, accessories and materials, guarantees that Mitico is individualized for the child.*

In the following pages you will find all of the characteristics and instructions on your MITICO.

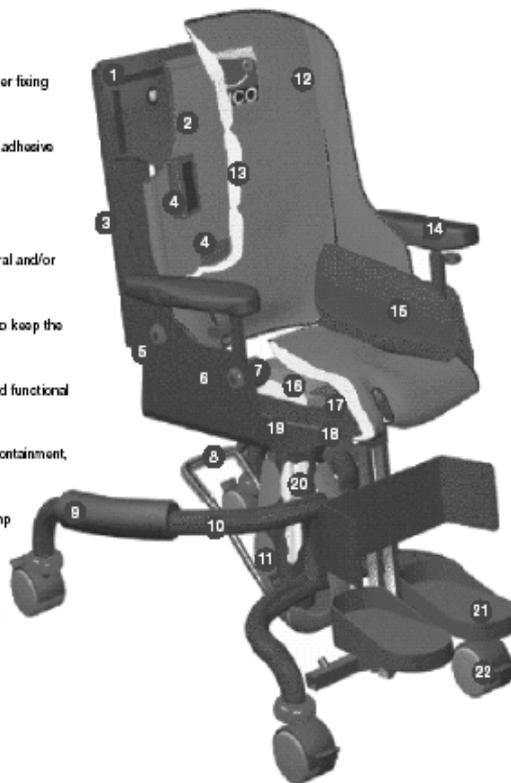
Please Read It !!!



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- 1 Systems developed to fix braces, belts, other fixing ways
- 2 Polyurethane and closed-cell support, with adhesive surface to fix Velcro wedges
- 3 Easy backrest' height adjustment
- 4 Shaped supports to be customized for lateral and/or lumbar pushes and containments
- 5 Declinable backrest, with zip at hip height to keep the angle between dorsal pushes
- 6 Polymeric and colored buckle: aesthetic and functional effect
- 7 Differentiated adjustment of pelvic lateral containment, possibility to customize 7
- 8 Height adjustment by pedal pneumatic pump
- 9 Rubber protection
- 10 Soft frame curves: safe and image-oriented
- 11 Pump protection: elegant



- 12 Soft and washable cover, warm and comfortable by touch and sight
- 13 Silicon hollow fiber padding :breathable, press ion relief and easy maintenance (by washing machine)
- 14 Armrests of molded foam, embodied and hidden fixing and adjustment systems
- 15 Elastic and removable covers of pelvic containments, to customize the supports
- 16 Seat of viscose-elastic and thermally shaped material , to grant comfort and stability 16
- 17 Customized abductor wedge
- 18 Seat depth adjustment by sliding, to find the correct position when the child sits
- 19 Rear and forward angling of the seating unit
- 20 Frame shape to allow the best side approach, for a better way of communications and to improve relationships with others
- 21 Possible different footrests, for every need
- 22 Four directional wheels.

BEFORE EXPLORING THE MITICO WORLD

PREFACE

This users' manual presents all of the necessary information for the correct use and efficient maintenance of MITICO.

The ongoing research to improve and update our production may sometimes lead to changes; therefore images and instructions of the present manual should not be considered strictly binding.

For accessories or new MITICO products, which are not included in this users' manual, please refer to your local Mitico Dealer.

USE REMARK

*In order to enable the child to **perform** all activities safely, it is **required** that all postural adjustments are carried out by specialized personnel (physicians, physiotherapists, occupational Therapists, etc.)*

The following state-of-the-art products have been tested and comply the CE 93/42 norm

Note that incorrect use or underestimated dangers can be the cause of damage and/or accidents.

Fumagalli do not undertake any responsibility for accidents caused by any use which is not in accordance with the instructions.

In case of second-hand MITICO postural systems, Fumagalli do not undertake any responsibility for possible changes or unauthorized parts' replacements; if you do not have the users' manual, please get in touch with your dealer or directly with Fumagalli.

We kindly ask you to check that your new goods in packages are not damaged by shipment. In this case, get in touch as soon as possible with your Fumagalli dealer.

TARGET

This product has been developed for children who need a modular postural system to be used both indoors and outdoors.

MAINTENANCE

The device does not require a specific maintenance program, however, for a long lasting product, we suggest a yearly check up of all mobile mechanical parts (joints, brakes, wheels, couplings, etc) . These parts have to be carefully lubricated with spray grease.

Clean with a damp cloth or mild detergent . Do not use nitrocellulose or polyurethane solvents.

SEATING UNIT “POSTURA” Postural seating unit, seat & back

It is made up of :

- Height adjustable and inclinable backrest;
- Depth and width adjustable seat;
- Armrest movement synchronized with backrest, adjustable in height and angle;
- One adaptor suitable for all Mitico frames;
- Padding made up of removable and machine washable cover;
- Various accessories available to satisfy all needs.

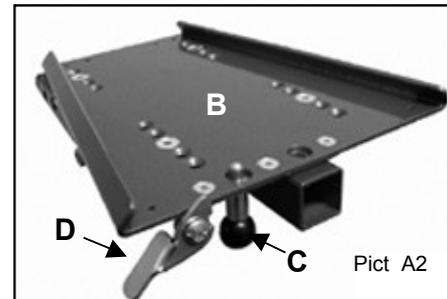
The seating unit is standard assembled with proper adjustments, in order to get the smallest volume for shipment. Before using Mitico, ensure that you have carried out your own further adjustments for the individual user.

Fitting on frames (pict. A2)

The adaptor under the seating unit is the same for each Mitico frame; therefore the seating unit can interface all frames.

Have the two plates join. (i.e. seat pan, and interface plate)

Lay sliding surface **A** of the seating unit on adaptor **B** of the frame and let it slide up until pin **C** clicks into place. Fix the seating unit by tightening the wing screw **D** on the rear side.



Frames removal (pict. A2)

Loose the wing screw **D** and pull knob **C** downwards; push the seat forwards.

ATTENTION

- Do not carry out the above steps when the child is sitting.
- Do not use the armrests to displace the seating unit, as they can detach
- Before all fitting operations, do not forget to brake all the wheels!

BACKREST

Recline adjustment (pict. A3)

To recline the backrest, loose lever **L**; find the seat to back angle required, then screw it to fix the backrest angle.

You can pull the lever out slightly, and move it without changing the tension on the screw, so that it can be tightly secured and moved into a safe position.

Length adjustment (pict. A4)

Remove the padding and the cushion from the backrest.

Take off the side bolts **O** and place the extension at the requested height in the right hole. Insert and tighten the bolts. Re-attach the cushion and the padding.



Pict A3

SEATING

Depth adjustment (pict. A4)

Remove all padding. Loosen the bolts **P** and place the seat extension as required. Replace and tighten the bolts.

Width adjustment (pict. A4)

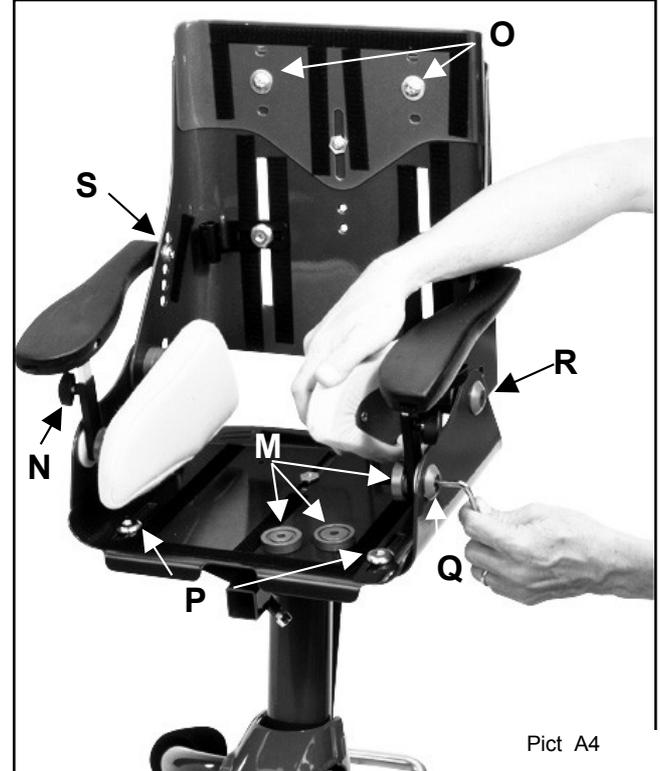
The gap between the two padded side supports is adjustable (also asymmetrically). Green disks **M** between the side support and the steel shell can be easily added and removed. Each disk is 10mm thick.

Unscrew bolts **Q** and **R**, insert or take off the disks and reassemble the part by choosing a suitable bolt for the desired shell-side support distance. It is necessary to remove the padding from backrest to carry out these operations. Screws in different lengths are to be found standard in the packing and must be used if width adjustments are required.

Once the new width is achieved, refit all of the padding.

ATTENTION (pict A4)

- Do not tighten too much bolts **Q**, to avoid difficult armrests adjustments.



Pict A4

ARMRESTS (Pict. A4)

Inclination and height adjustment

Take off bolt **S** to change the height, after removing backrest padding. Place the armrest in the desired hole and fit it again with the bolt.

Inclination is adjustable by unscrewing wing screw **N**, finding the new angle, tightening screw **N**, and also bolt **Q**.

COVERS (pict A5)

Covers can be taken off and washed according the instructions on their labels.

Under the seat cover there is a pocket that enables the addition of a further padding.



Pict A5

POSTURAL WEDGES (pict A6)

Some wedges are supplied, that can be shaped, according to one's needs.

These can be attached with Velcro to the backrest and seat cushions

ATTENTION

The use and placing of wedges must be carried out only by specialized personnel (physicians, physiotherapists, occupational therapists, etc.)



Pict A6

“DENTRO” Indoor frame

Indoor frame with four **castors with** brakes. Seat to floor height and tilt-in-space is adjustable.

See pages 8-9 for seating unit fitting and removal.

ADJUSTMENTS

Height (pict B1)

Repeatedly press lever **E** with one's foot (in the rear part of the frame) to reach the requested height.

To decrease height level, keep lever **E** completely pressed until the unit comes down to the required position. If the seating unit does not low, **press it down by hand gently**.

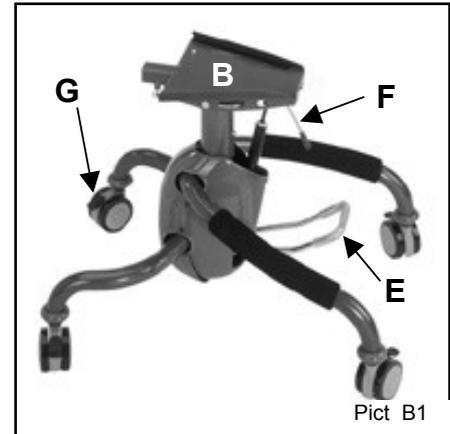
Tilting (pict B2)

The seating unit tilting angle is controlled by a gas piston under the frame adaptor **B**; **tilt back by raising the lever F (and push backwards the seating unit) and tilt forward lowering the lever F (and take forwards the seating unit)**.

Rotating wheels (pict. B1)

Mitico system is equipped with four braked castors.

This braking system stops the rotating and the pirouetting movements of each wheel. To fix the wheels, push downwards on brakes **G** . **Lift** upwards, to release brakes.



ATTENTION

- Do not lift the seating system MITCO by the seating unit.
- NEVER load one's weight on lever **E** : just lower it!
- The DENTRO indoor frame is not designed for outdoor use or obstacles.
- When you **stay** with MITICO seating system, do not forget to **brake the frame with its four braked castors**.
- Mitico system may be used only on safe, even and regular grounds.
- Before all fitting operations, do not forget **to brake all 4 castors!**



ATTENTION

Air can enter the little piston which adjusts the height, and this could cause springing in the seat. For this kind of shifting, remove and replace the seating unit.

In case of spring effect, pump and unload the piston (rise up to the highest level and completely lower the seating unit by lever **E**).

PUSHBAR ON 'DENTRO' INDOOR FRAME

Pushbar fitting (Pict. B4)

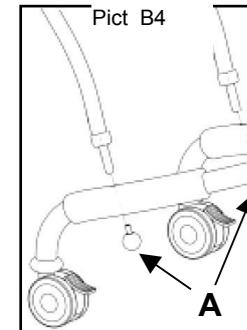
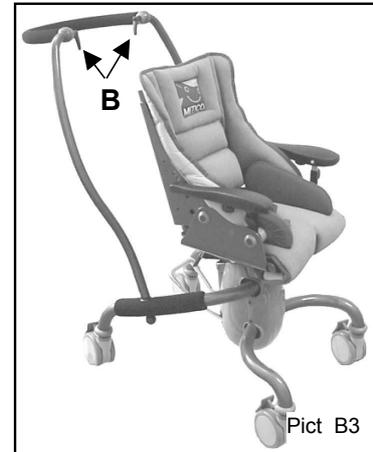
The 'Dentro' indoor frame can be fitted with a pushbar for indoor mobility. Unscrew the black knobs **A**, slide the bars into the frame holes, screw in and tighten screws **A**.

Removal of pushbar

To remove the pushbar, remove screws **A** and pull upwards the pushbar.

Adjustment of pushbar inclination(Pict. B3)

Loosen screws **B**, adjust the pushbar into the necessary position and height, and then tighten again the screws.



ATTENTION

- Before all fitting operations, do not forget to **brake** all 4 castors!
- The 'Dentro' indoor frame is not suitable for outdoor use or to **overcome** obstacles.
- Mitico system may be used only on safe, even and regular grounds

“BUGGY” outdoor frame

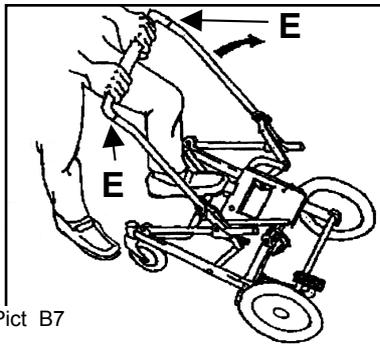
Frame for outdoors

Folding outdoor frame with front pirouetting wheels, and foot-brakes on back wheels. It allows tilt-in-space.

See pages 8-9 for seating unit fitting and removal.

Frame unfolding (pict B6, B7)

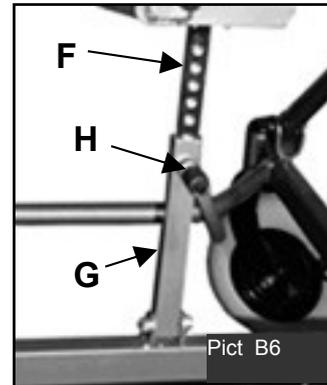
Lay the frame with **the** wheels on the ground and raise the push handle while keeping plastic rings **E** raised up near the push handle. Fix the frame by pushing rings **E** down into position. Put tilting bar **F** in the adapter **G** and fix with lever **H**.



Pict B7

NOTE

For a better position of lever **H** without changing bolt tension, pull it outwards and lay it as desired.



Frame folding (pict B6, B7)

Remove the seating unit (see “*Seat removal*”) and brake the frame. Loose lever **H**, unhook rings **E** and keep them near the handle bar. Then shift the push bar toward the front wheels.

ATTENTION!

- Do not carry out the above steps when the child is sitting.
- Do not forget to fix the frame with the appropriate parking brakes when you stop Mitico.
- Before closing the frame, loose lever **H**; otherwise the structure could be damaged.



Pict. B8

ADJUSTMENTS

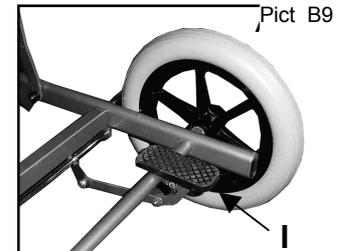
Tilting (pict B6)

The seat-tilt-angle is controlled by lever **H** under the frame adapter; the angle can be increased by loosening lever **H** and pushing backwards the seating unit, or can be decreased taking forwards the seating unit.

BRAKE (pict B9)

To stop the frame, push down on pedal **I**: both rear wheels will stop.

To remove brakes, push up on pedal **I**.



Pict B9

ATTENTION

- Do not carry out the above steps when the child is sitting.
- Do not use the armrests to displace the seating unit, as they can detach
- BUGGY frame is developed to overcome small obstacles (side-walks,...): put one's foot on the support bar between the rear wheels and push downwards the handle to exceed the obstacle with front wheels. At the same time, rise up rear wheels and push BUGGY frame on the ground.
- Do not forget to block the frame with the appropriate parking brakes when you stop the MITICO chair.
- Do not use MITICO system on slopes exceeding 10°.

“FUORI” outdoor frame

Frame for outdoors

Folding outdoor frame with front pirouetting wheels, and brakes on back wheels. It enables the seat to face either towards the street or towards the caregiver, and it is equipped with tilt-in-space. It is equipped with springs for shock absorption for use on uneven ground.

See pages 8-9 for seating unit fitting and removal.



Pict B10

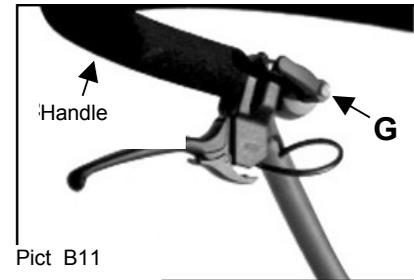
ADJUSTMENTS

Handle inclination (pict B11)

Loose levers **G** and place the handle as per one's needs; tighten the levers.

ATTENTION

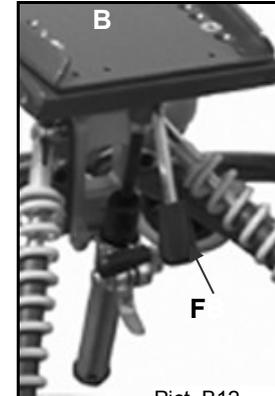
The pushbar handle can spin to 360°. Please, be careful that, while placing the handle, brake wires do not wrap around the pushbar.



Pict B11

Tilting (pict B12)

The seat tilting angle is controlled by the lever under the frame adapter **B**; chair can be tilted back by raising lever **F** (push backwards the seating unit) or can be tilted forward (take forwards the seating unit)

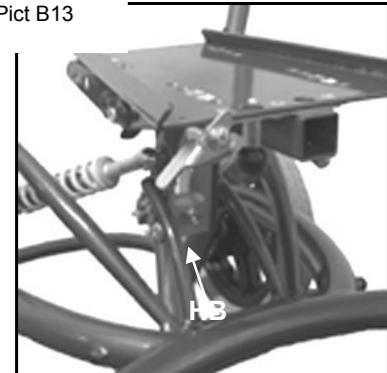


Pict B12

Seating unit turn (pict B13)

The seating unit can be placed, so that the child can look at the street or at the caregiver. To invert the direction, unscrew and remove bolt **H**; take off the support system of the seat and revolve by 180°. Insert the support mechanism in the new position on the frame; replace and tighten bolt **H**.

Pict B13



ATTENTION

Do not carry out these operations while seating unit is attached on the frame.



HINWEIS

Durch leichtes Anheben kann der Klemmhebel **G** in eine gewünschte Position geschwenkt werden, ohne die Arretierung der Sitzneigung aufzuheben. Dazu den unteren Anteil des Schwenkhebels festhalten und den oberen Teil in die gewünschte Position drehen.

NOTE

With a light pull, lever **G** can be moved into a more appropriate position, without changing the tension on the bolt. The lower part of the lever remains fixed, while the upper part pulls out, and moves into a better position.

Frame Unfolding (pict B14)

Lay the frame with wheels on the ground, loose levers **E** and **G** at the push handle, and raise it up to end position. Tighten levers **E** and adjust push bar handle position; tighten levers **G**.

ATTENTION

The push bar handle can spin to 360°. Check that brakes wires do not wrap around the push bar while turning it.



Pict B14

Frame folding (pict B14, B15)

Take off the seating unit and release levers **I** – **L** to loose the gas piston and recline the adapter.

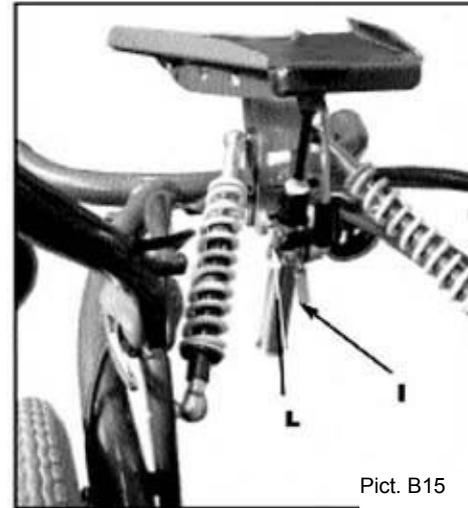
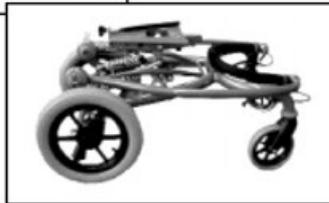
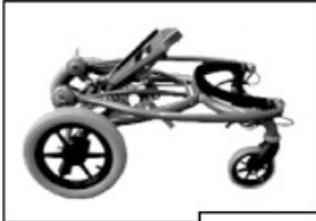
Loose levers **E** and **G** on the push bar .

Move the pushbar towards the front wheels. Lower the pushbar handle under the support arch of front wheels; lower completely the push bar. Tighten levers **E** and **G**.

Before folding the frame, do not forget that the adapter plates must stay in a horizontal position; otherwise the frame could be damaged.

ATTENTION

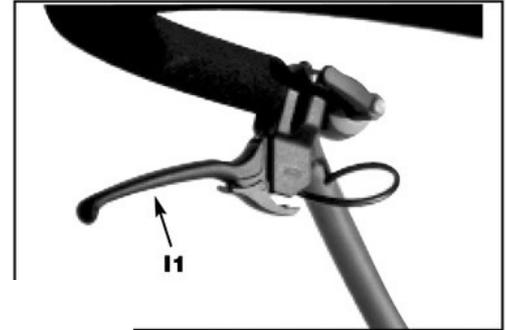
Loose levers **I** and **L** , to have the gas piston opened.
Otherwise bars could be damaged during frame folding.



Pict. B15

ATTENTION

- Do not carry out the above steps when the child is sitting.
The handle of push bar can spin to 360°. Please, be careful that, while placing the handle, brake wires do not wrap around the push bar.
- Take off the seating unit adaptor to reduce the frame volume.
Unscrew and remove handle **H**; then detach the seat adaptor .
- FUORI frame is developed to overcome little obstacles (side-walks, ...): put one's foot on the support bar between the rear wheels and push downwards the handle to overcome with front wheels the obstacle . At the same time, rise up rear wheels and push FUORI frame on the ground.
- Do not forget to block the frame with the appropriate parking brakes when you stop MITICO.
- Do not use MITICO system on slopes exceeding 10°.

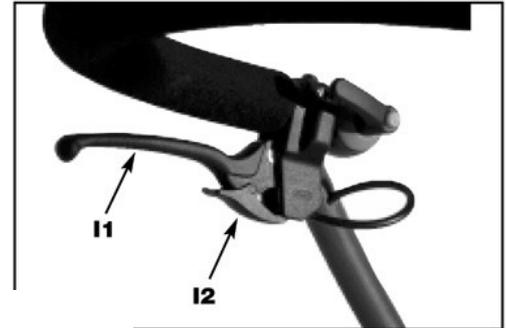


BRAKE (pict B16)

To brake the frame, press lever **I1** toward the push bar handle; each braking system is independent and allows you to slow down or stop only the necessary wheel.

Parking brake (pict B17)

To block brakes: completely push brake lever **I1** and raise the parking brake **I2**; release brake lever **I1** and check that the parking block is correctly set in .
To unblock the brake: slightly press on lever **I1** to release the parking lever **I2**.



“ROLLING” outdoor frame

Outdoor foldable frame, rear wheels with drum brake. Modern design. It guarantees an efficient aid to be used outdoor, even on uneven grounds.

See pages 8-9 for seating unit fitting and removal.

ADJUSTMENTS (pict B18)

Tilting

The tilting angle is managed by the wing screw **J** under the frame adaptor; tilt back by loosening it (push backwards the seating unit) or tilt forward (push forwards the seating unit). Be careful that the wing screw is set in one of the holes on the sliding bar, then tighten again lever **J**.



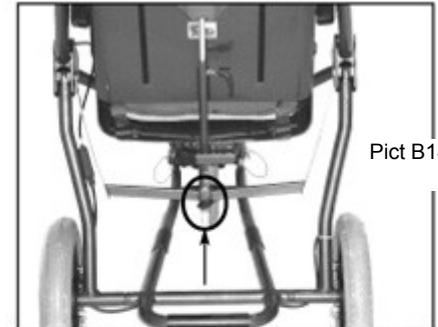
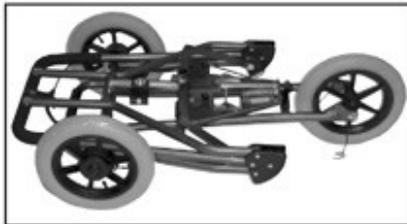
Frame's unfolding (pict B19, B20, B21)

Lay the frame with wheels on the ground, and follow the indicated operations.

Raise the mobile part according to the allowed movements.

Set the front fork in the hole on the wheel pin and fix with the appropriate elastic plugs.

Fix seating unit adaptor in the right position.



Frame's Folding (pict B19, B20, B21)

Remove the seat. Release the adaptor by loosening the wing screw and take off the sliding bar. Remove the elastic plugs that block the front wheel fork

ATTENTION

- Do not carry out the above steps when the child is sitting.
- Do not forget to fix the front fork by means of the two plugs.
- ROLLING frame is developed to overcome little obstacles (side-walks,...): put one's foot on the support bar between the rear wheels and push downwards the handle to overcome the obstacle. At the same time, raise rear wheels and push ROLLING frame on the ground.
- Do not forget to block the frame with the appropriate parking brakes when you stop MITICO.
- Do not use MITICO system on slopes exceeding 10°.



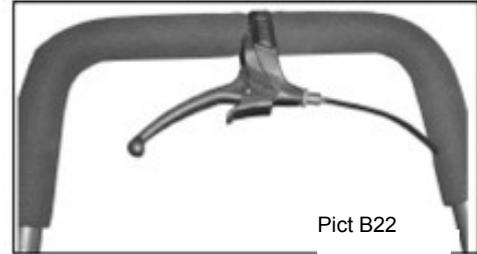
BRAKE (pict B22)

To stop the frame, **pull** the lever on the pushbar handle.

Parking brake

To block brakes: completely push the brake lever and raise the parking brake lever; release brake lever and check that the parking block is correctly set in.

To unblock the brake: slightly press on brake lever **to** release the parking lever.



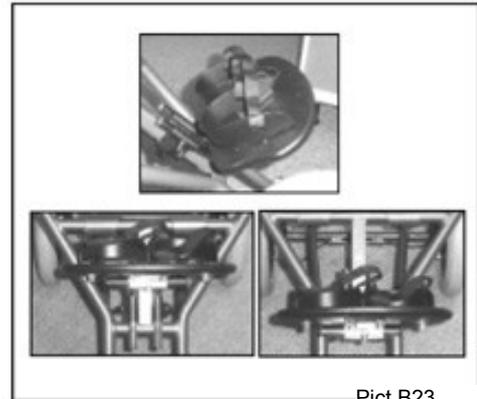
Pict B22

Footrest adjustment (pict B23)

The footrest, with Velcro straps for feet positioning, can be adjusted by loosening the wing screws behind and then by sliding **it**.

It is possible to set the foot support by unscrewing the bolt under the footplate.

To modify the positioning range, disassemble the chromed iron part under the footplate and assemble it as **shown in the picture**.



Pict B23

“L’ALTALENA” Swing Frame (pict B24)

The frame allows the seating unit to swing.

See pages 8-9 for seating unit fitting and removal.

Frame setting

For an easier and faster frame setting, all parts have been given a corresponding letter, the same as on the correspondent screws and joints. Mount the elements of the frame by assembling the parts with each other. All parts to be assembled are indicated by double letters that, if correctly followed, they will be next to the other (A-A, B-B etc.).

For an easier mounting, lay the first arch to the wall; put the tube into the higher hole, and the frame in the holes below; then take the second arch and set all parts like the previous one; fix them with their own bolts.

At this point, the structure is ready and the swinging part has to be mounted: with bolts into the bearings fix the frame to the central part of the structure.

DO NOT FORGET TO USE, AT THIS POINT, A PARTICULAR LOCKING DEVICE TO FIX THE BOLTS SECURELY.

Check the correct working of Swing Frame.

ATTENTION

All parts have a slight backlash, thus there is the possibility of more difficulties in putting them into place; use a rubber hammer to prevent from varnish damaging.



Pict B24

“MOLLA” Spring Frame (pict B25)

The spring frame allows seat oscillation.

See pages 8-9 for seating unit fitting and removal.

NOTE

For maintenance, a regular check of all bolts, joints and bearings’ lubrication is strongly recommended.

ATTENTION

- Do not set the frame while the child is sitting.
- Do not use the armrests to move the seating unit since they can also unlock.
- It is suggested to use **with** the bumper bar and a fixing device (vest or belt).
- Do not keep the frame outdoor, in a humid place or exposed to bad weather conditions.
- **The “ALTALENA” Swing and “MOLLA” Spring frames have to be used with seating unit Mitico only and under the assistance of expert staff.**



Pict B25

MITICO ROOF

Mitico roof can be fitted on all Mitico seating units with outdoor frames. It is easy to assemble and very useful outside; equipped with rain protection covering and joint to allow the roof to be pushed backwards.

Fitting (Pict C1, C2)

The seating units are equipped with side holes to assemble the two plastic supports; use the bolts and fix them inside the back support, then fit the roof by inserting the chromed tubes into the supports.

Removal

Carry out the opposite process to the fitting operations.

ATTENTION

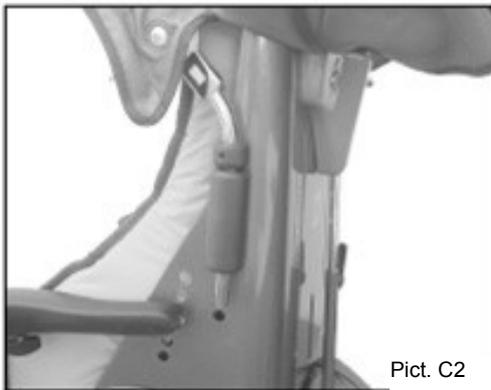
Each seating unit is equipped with holes at different height to enable roof to be fitted where needed.

Use

[A joint to allow backwards movement characterizes the roof.](#)

The rain protection covering [will be mounted using the apposite buttons](#) on the roof.

Pict. C1



Pict. C2

HEADRESTS

- Neck Rest (pict D1)
- Anatomic head postural unit (pict D2)
- Winged side, 'shapeable' head postural unit (pict D3)
- 'Cap' front-rear forehead support (pict D4)
- 'shapeable' head postural unit (pict D5)

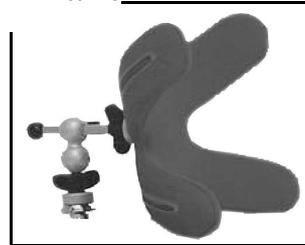
Pict. D1



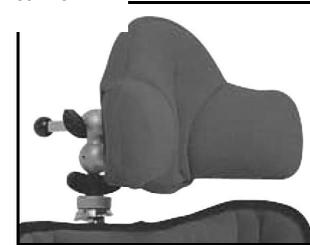
Pict. D2



Pict. D3



Pict. D5



There are different models to suit the child's needs. Possible adjustments are the same for all of them; height, depth, inclination and lateral position can be [adjusted](#).

[Ndt io qui metterei magari I codici articolo](#)

NOTE

For the winged side 'shapeable' postural head unit and the 'cap' support and shapeable head postural unit, shapes can be modified due to their light alloy structure.



Fitting on the seating unit (pict D6)

Loose bolt **T** and put the bar of the headrest into the rear support of the backrest; then tighten the bolt.

Removal from the seating unit (pict D6)

Carry out opposite process to the fitting operations.

ADJUSTMENTS (pict D6)

All the Headrests are height, depth, angle and laterally adjustable by using the following bolts:

T: Height adjustment

1: Depth adjustment

2: Lateral position adjustment

3: Angle adjustment

All bolts can be loosened and fastened with the enclosed Allen key

COVER

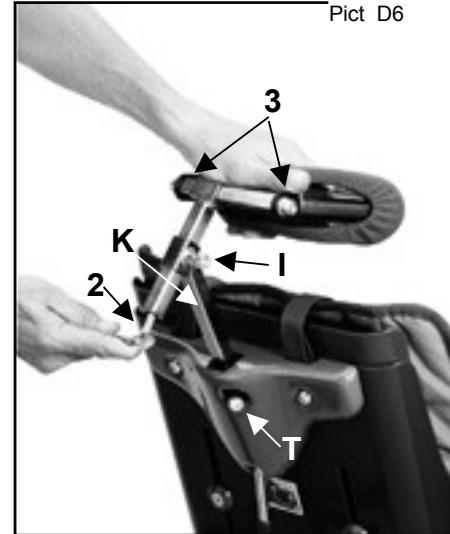
Covers are removable and washable, according to the indications on the label.

ADDITIONAL WEDGES

The headrests are equipped with additional wedges that can be inserted under the cover when the support has to be modified as per the child's needs.

NOTE

Turn support **K** 180° to put further forwards or lower the headrest.



WING SIDE ANATOMIC AND SHAPEABLE HEADREST

The anatomic and shapeable/or wing side shapeable headrests are equipped with a support that allows the best performance for their shaping possibilities.

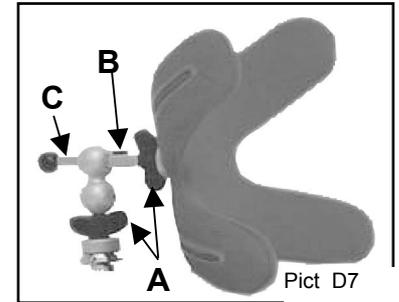
Mount and remove them by enclosing the chromed vertical bar in the fitting on the back side of the seat, fix with the Allen key.

ADJUSTMENTS (pict D7)

Every adjustment is made by action on two wing screws **A** that fix the ball joints, and by wing screw **B** that fix the depth of the headrest. Loose the screws, find the most suitable position and fasten them all.

NOTE:

When bar **C** is [projecting too much](#), cut it after unscrewing black knob and then replace the rubber bush on the bar.



Pict D7

Strain

The structure of the headrest is made up of a thin steel plate, that can be shaped just by hand. That allows [customizing](#) the headrest according to the needs of the child.

Cover

[Cover is removable and washable](#) according to the indications on the label.

CAP

If the child needs a further support, to prevent one's head from falling forwards, they can use the cap. It can be used together with all Mitico anatomic headrests and the neckrests too; moreover, the cap can be used with other headrests thanks to its fitting system. In this case, just few modifications are needed.



Cap Fitting

The cap is equipped with some Velcro straps for a quick adjustment. The rear part with green harnesses is to be fixed around the headrest, and the plastic element lays on the two screws of the metallic headrest support. Once adjusted, the cap can be fitted on and fixed by Velcro straps.

ATTENTION

The use of cap has to be assessed for once other less restrictive efforts have been made. i.e. angle adjustments of backrests and seating unit, shoulder retraction etc.

ADJUSTMENTS

The cap position can be adjusted by means of its Velcro and its own features.



SHOULDER STABILIZER

The stabilizer allows to control the child's **upper body (trunk)**. It is made up of a stiff structure and of two lateral padded supports. All the parts are washable.

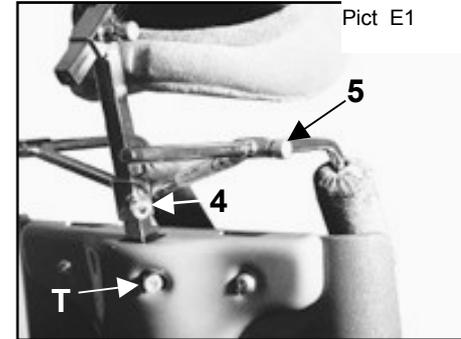
Fit on headrest (pict E1)

Loose bolt **T** and take away the headrest. Unscrew bolt **4** and fit the shoulder stabilizer onto the headrest bar; tighten bolt **4**.

Fit again the headrest into its hole and tighten bolt **T**

Remove from headrest (pict E1)

Carry out opposite process to the fitting operations.



ADJUSTMENTS

Height (pict E1)

Loose bolt **4** and **put** the shoulder stabilizer at the needed height; tighten bolt **4**.

Depth (pict E1)

Loose bolts **5** and put into position the **thoracic** support bars according to one's needs; then tighten bolts **5**.

Shape (pict E2)

Thanks to the shapeability of the head support plate it is possible to form and customize them according to the individual **needs**.



SWING AWAY SIDE SUPPORT

Lateral trunk support, individually adjustable in height, width and shape, with quick release, swing-away mechanism.

Fit on seating unit (pict F1, F2, F3)

Remove the padding and the cushion from the backrest.

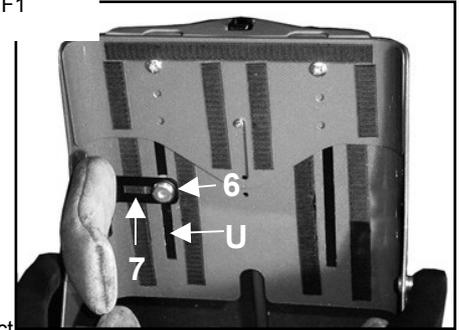
Adjust the square nut **6** and the side support **7** into the backrest: screw in the correct position using bolt **8** and the green washer.

Fix again the padding on the backrest and the thoracic support **9** in hole **7**.

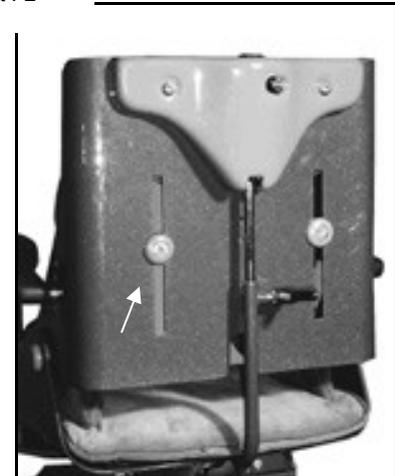
Remove from the seating unit

Carry out opposite process to the fitting operations.

Pict F1



Pict F2



ATTENTION

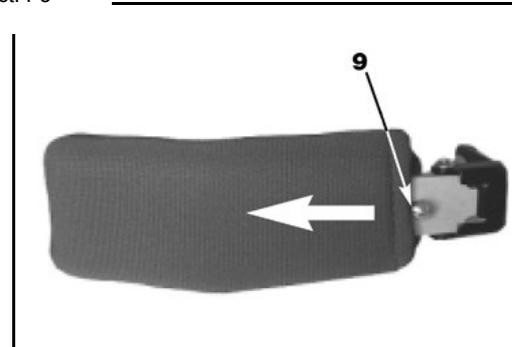
- Use and positioning can be carried out only by experts (*professional staff*).
- Assure that the square base of nut **6** is always correctly fitted into

ADJUSTMENTS

Width and height (pict 59)

Swing away side supports are adjustable in height and width by use of bolt **8** that fix support **7**: Loose the bolt, move the support to the proper position and tighten bolt **8**.

Pict. F3



QUICK RELEASE (pict F3)

The side support quick release and positioning are carried out by use of button **9**; pull forwards to unblock the side support. It will automatically lock again when put into place.

Shape

The supports can be shaped: put the plastic part into warm water until it becomes malleable. Now they can be shaped according to one's needs

COVERS

They are removable and washable according to the instructions on their labels

ABDUCTOR

Depth adjustable abductor [with removable and washable cover](#).

Fit on the seating unit (pict G2)

Fit the support **11** in hole **V** under the seat; fix with bolts **12**.

Fit the abductor in hole **11** and secure with bolt **13**.

Remove from the seating unit (pict G2)

Loosen bolt **13** and take out the abductor. If it has to be removed in a permanent way, support **11** can be left in its place

ADJUSTMENT (pict G2)

Depth

Loosen bolt **13** and put into place the abductor according to one's needs.

Tighten the bolt again.

COVER

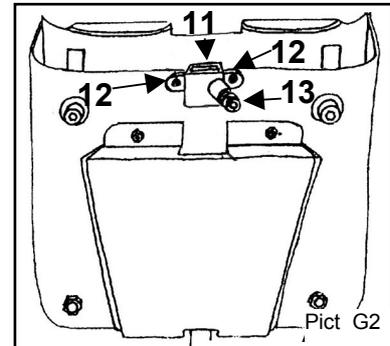
[Cover](#) is removable and washable according to the instructions on its label.

ATTENTION:

The abductor should not be used as pelvic block, but to keep hips abducted.



Pict. G1



Pict G2

BUMPER BAR

Arm support, adjustable in depth and adaptable to the different positions of the armrests.

Fit on the seating unit (pict H2)

Fit the two bar ends in armrest' holes **Z** and secure with wing screws **J**.

Removal from the seating unit (pict H2)

Carry out opposite process to the fitting operations.

ADJUSTMENT (pict H2)

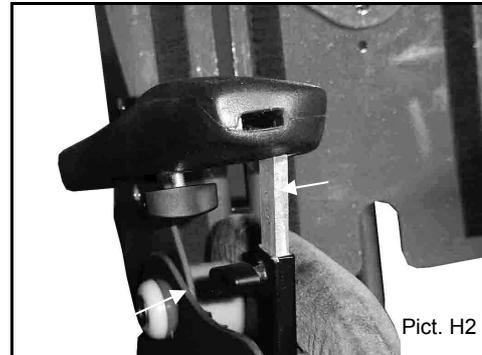
Depth

Loose screws **J** and put into place as required; fasten the screws again.

ATTENTION

- If it isn't possible to fit the bar completely, check that screws **J** under the armrests are properly loosened.
- Be sure that screws **J** are acting upon the bumper bar

Pict. H1



Pict. H2

TRANSPARENT FRONT TRAY

Transparent front tray is **flip away** and adjustable in depth and lateral position.

Fit on armrests (pict I2)

Loose screw **J** of left armrest and fit the tray bar in hole **Z** of the armrest.
Properly tighten screw **J** and be sure of its tightness

Remove from the arm rests (pict I2)

Carry out opposite process to the fitting operations

ADJUSTMENTS

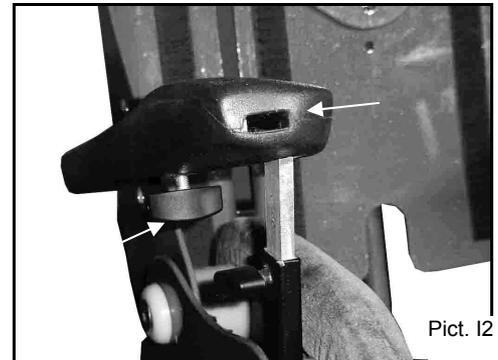
Depth (pict I1)

Loose screw **J** and put the tray into the required position, tighten screw **J**.

ATTENTION

- Be sure that the table attachment is properly blocked by screw **J**
- To avoid damaging during shipment, the table is equipped with a protection film, which should be removed before use.

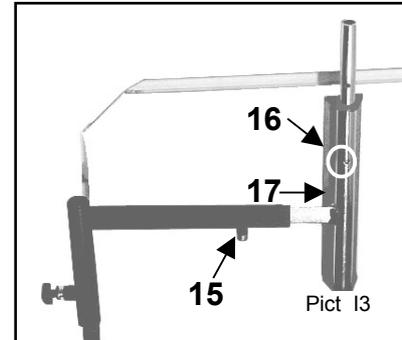
Pict. I1



Pict. I2

NOTES (pict I3)

Depth can be further **reduced**: loose bolt **15** and remove the tray.
Loose screw from bolt **16** and take off the metal tube from holder **17**.
Turn upside down the holder, fit it into its place and then fit again the tube.
Safely screw in **hole 16**, fit again the tray in the holder and tighten bolt.



Lateral position (pict I3)

Loose bolt **15** with the proper key and **place** the tray to the required position, according to the sliding mechanism.
Properly tighten bolt **15** and make sure it is safe and tight.

Swing Away (pict I4)

Loose wing screw **14**, raise the right side of the table and tilt it to left until it is next to the seating unit MITICO

ATTENTION

Maximum **load of** the tray: 5 kg



MULTIFUNCTIONAL TRAY

Depth adjustable table with a wide surface area.

Fit on armrests (pict L2, L3)

Loose wing screws **J** of the armrests and fit the tray bars into armrest hole **Z**. Then properly tighten screws **J** and make sure it is well fixed

Armrests removal

Carry out opposite process to the fitting operations

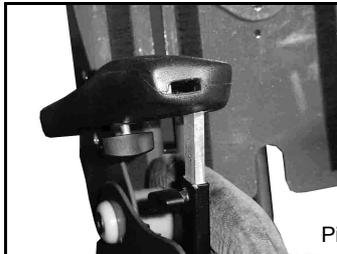
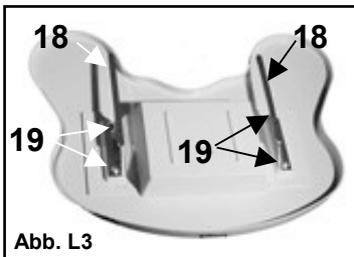
WARNING

- Before fitting the tray, be sure armrests are at the same height.

ADJUSTMENTS

Depth (pict L2)

Loose wing screws **J** and place the tray to the required position; tighten screws **J**. Make sure clutches **18** are secured by screw **J**.



WARNING (pict L3)

- Do not exceed the suggested max loading charge.
- The tray is supplied with supports **18** at such a distance that it can be used on a medium seating unit. To adapt to a smaller size, invert the position of two supports **18** under the tray (remove bolts **19** and invert the right with the left one while keeping the same direction). By this way it gets narrower and width is adapted to the armrests distance of the smaller seating unit
- Bolts **19** that fix the supports are loosening to be adapted to the armrests gap. Once you have adjusted the tray in the right position, fasten them safely
- Before using the covering layer, remove the protection film on it.

PLATFORM “STYLE”

It is made up of a metal supporting structure and a footrest equipped with heel cup.

The metal structure is adjustable in angle and length.

The footrest is adjustable in angle.

Every heel cup is adjustable in width, depth and rotation.

Fit on the frame (pict M1)

Loose bolt **W** on the frame and slide in the higher part of the platform.

Tighten safely bolt **W** again.

Removal from the frame

Carry out opposite process to the fitting operations

ADJUSTMENTS

Supporting structure –Angle adjustment (pict M1)

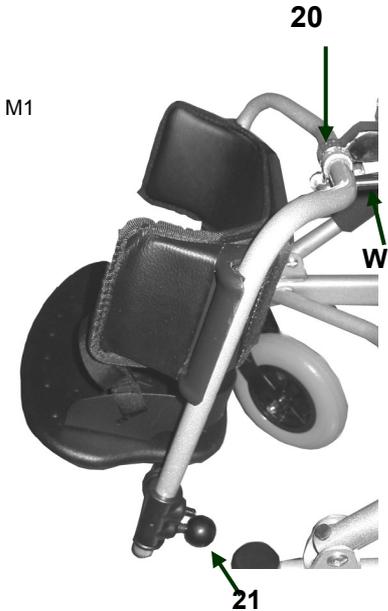
Loose the quick relay **20** and angle the structure as required. Tighten again the relay.

Length (pict M1)

Loosen the pommel **21** and set the platform at the required height, to the correct hole.

Tighten the pommel.

Pict M1



FOOTREST-ANGLE ADJUSTMENT

Loose the quick relay under the plate and angle it as required. Tighten again the relay.

HEEL CUPS / TOE STRAPS (pict M2)

By loosening bolts **23** under the footplate, simultaneous adjustments of depth, width and rotation are allowed. Once adjusted, tighten the bolts.

WARNING

Do not position the child while standing on the footrest: it is not developed to support heavy weights

CALE PANEL FOR PLATFORM “STYLE”

Provides support for the legs and spreads the load on a wide surface, height adjustable.

Fit on footrest (pict M3)

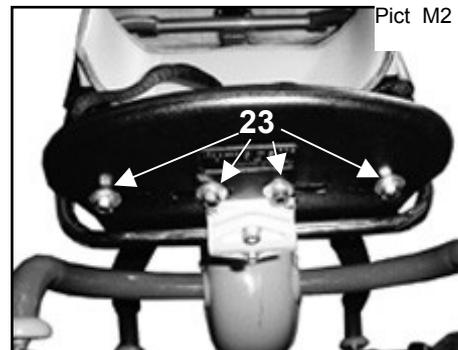
Press the legrest on Velcro **24** of the platform structure.

Removal from the footrest

Carry out opposite process to the fitting operations.

COVER

It is completely removable and can be washed with a **mild** detergent.



SINGLE PLATFORM

It is made up of a metal supporting structure and a footrest with foot straps.
The structure is angle adjustable. The footrest is height and angle adjustable.

Fit on the frame (pict M4)

Loosen bolt **W** on the frame and slide in the square tube of the footrest.
Tighten safely bolt **W**.

Removal from the frame

Carry out opposite process to the fitting operations

ADJUSTMENTS

Supporting frame

Angle (pict M4)

Loosen bolt **25** and angle the structure as required; then tighten the bolt **again**.

Footrest

Angle (pict M46)

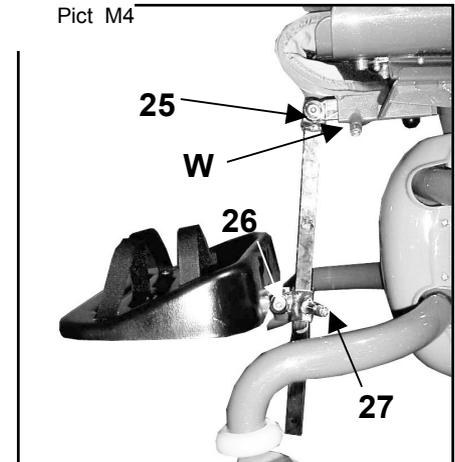
Loosen bolt **26** and angle the footrest as required, then tighten the bolt **again**.

Height (pict M4)

Loosen bolt **27** and **place** the footrest at the required height; then tighten the bolt.

WARNING

Do not position the child standing on the footrest: it is not developed to support heavy weights.



CALF PANEL FOR SINGLE PLATFORM

Provides support to legs and spreads the legs' weight over a wide surface, height adjustable.

Fitting the footrest (pict M6)

Loose bolt 27 of the footrest and take it off the structure.

Loose bolt 28 behind the legrest and fit it onto the footrest' site.

Tighten bolt 28 and refit the footrest to the structure, then tighten bolt 27 again.

Removal from the footrest

Carry out opposite process to the fitting operations

ADJUSTMENTS

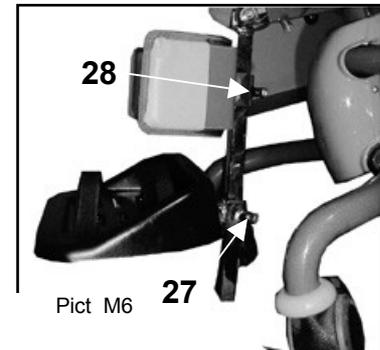
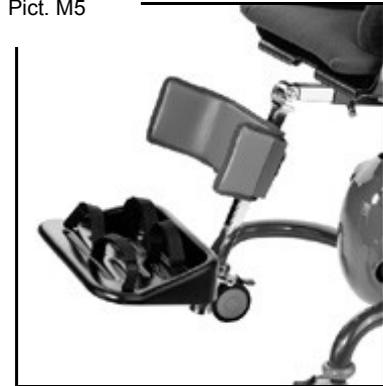
Height (pict M6)

Loosen bolt 28 of the legrest and place it to the required height; then tighten the bolt.

Cover

It is completely removable and can be washed with a mild detergent

Pict. M5



INDIVIDUAL FOOTREST

It is made up of a rigid structure with two individual footrests. Both footrests are independently adjustable in height, inward and outward rotation, lateral and depth adjustment. The footrests are equipped with Velcro straps (removable and washable) to fix one's feet.

Fit on the frame (pict M7)

Loosen bolt **W** on the frame, and insert the square tube of the footrest.
Tighten safely bolt **W**.

Removal from the frame

Carry out opposite process to the fitting operations

Pict. M7

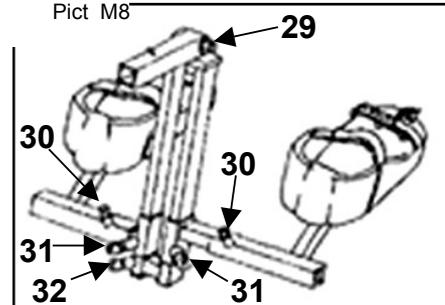


ADJUSTMENTS

Supporting frame – Angle adjustment (pict M8)

Loosen bolt **29** and angle the frame as required; then strongly tighten the bolt.

Pict M8



Footplates

Angle adjustment (pict M10)

Loosen bolt **34** and angle the single footplate as required. Tighten the bolt.

Height (pict M8)

Loose bolt **31** and **place** the single footplate at the required height; strongly tighten the bolt.

Adduction (pict M8)

Loose bolt **30** and **place** the single footplate as required; strongly tighten the bolt.

It is possible to achieve more or less adduction by inverting the sliding supports. Swap **30B** from right to left side and refit onto **30A**.

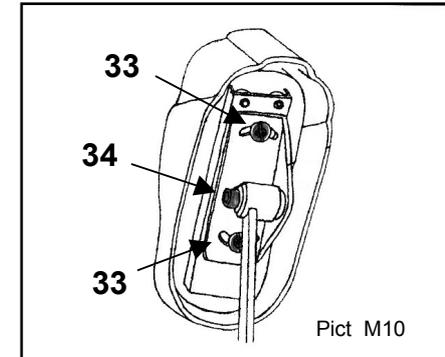
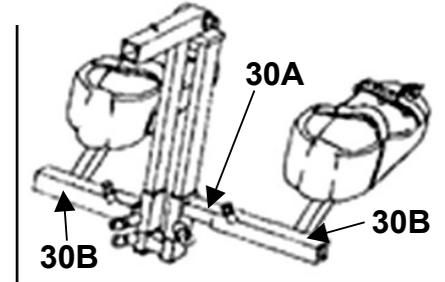
Inwards-outwards rotation (pict M10)

Loose bolts **33** under the footplates and set as required; tighten the bolts again.

WARNING

Do not **position** the child stand on the plates: they are not designed to support heavy weights.

Pict M9



CALF PANEL FOR INDIVIDUAL FOOTREST

It supports the legs and spreads the legs' weight over a wide surface; height adjustable.

Fit on the footplates (pict M12)

Loose bolt **32** and bolts 31 of the plates and take off from the supporting frame.

Loosen bolt **35** under the legrest and slide on in the place of the two plates.

Tighten bolt **35** and replace the plates onto the support.

Tighten bolts **31** and bolt **32**.

Removal from the footplates

Carry out opposite process to the fitting operations.



Pict. M11

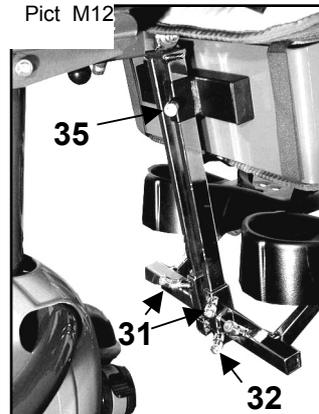
ADJUSTMENTS

Height (pict M12)

Loosen bolt **35** of the legrest and set it at the required height; then tighten the bolt again.

Cover

It is removable and washable with a mild detergent.



Pict M12

FRONTAL KNEE SUPPORTS (Couple)

The frontal knee support is equipped with two rests, covered with soft material, adjustable in width, depth, height and angle. Covers are removable and washable.

Fitting on the frame (pict 85)

Loose bolt **W** and take off the footrest.

Loose bolt **36** of the knee support, and fit it in the footrest' bar.

Tighten bolt **36** and fit again the footrest.

Tighten bolt **W**.

Removal from the frame

Carry out opposite process to the fitting operations.

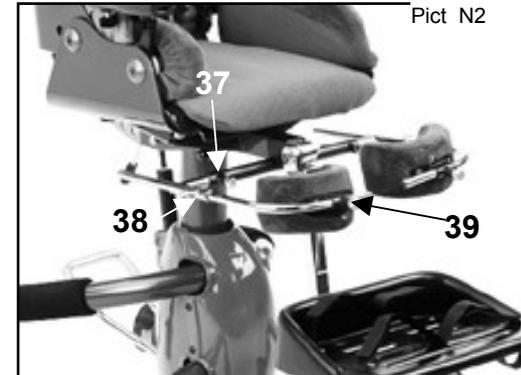
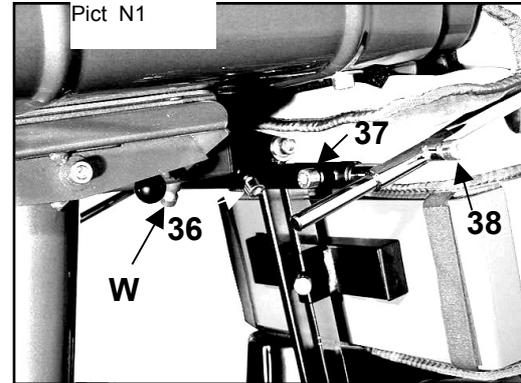
ADJUSTMENTS

Height (pict N1, N2)

Loosen bolts **37** and set knee support as required; then tighten the bolts **again**.

Width (pict N1, N2)

Loosen bolts **37** and adjust the support width; tighten the bolts **again**.



Depth (picture N1, N2)

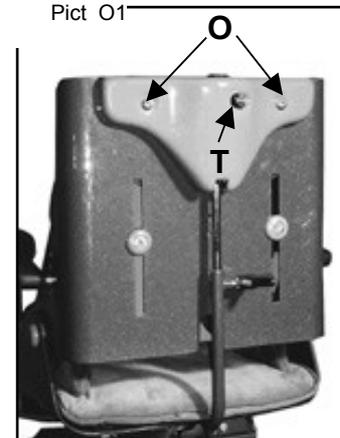
Loosen bolt **38** and **place** the knee supports at the required depth; tighten bolts **again**.

Angle and lateral adjustment (pict N1, N2)

Loosen bolts **39** and position the supports as required; tighten the bolts again.

Shape

It is possible to customize the support by shaping the soft part.



H-HARNESS

45° belt with braces **to fix** the trunk and the pelvis to the seating unit in a comfortable way. The whole belt can be washed as per instructions on the label.

Fit on the seating unit (pict O1-O2)

Remove the headrest and bolts **O** and **T**; then take off the plastic cover.

Insert and fix the higher harnesses in the suitable holes **X** of the seating unit.

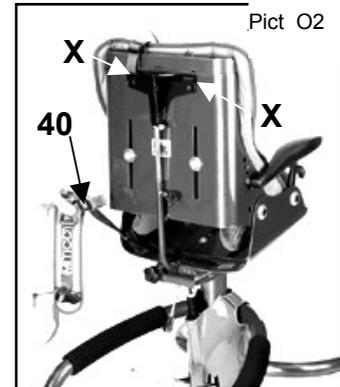
Fit **in** the plastic cover and bolts **O**; then place again headrest and bolt **T**; tighten all bolts.

Position the braces on the seating unit.

Fix the lower harnesses (already set on the seat) in holes **40** of the braces.

Removal from the seating unit

Carry out opposite process to the fitting operations.



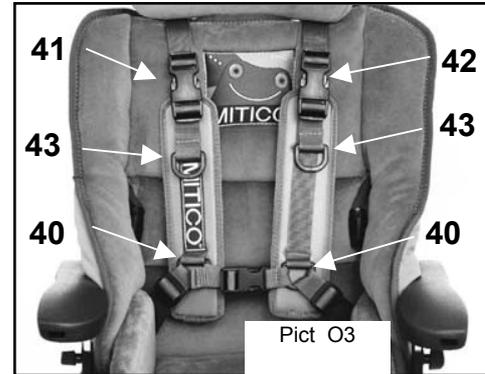
H-HARNESS USE (pict 03)

Unlock the braces by pressing locks **41** and **42**.

Let the child sit then fit the braces to the higher locks with closures **41**.

Link the two braces with hook **42**.

Adjust the harnesses with rings **43** according to the child's body.



NOTE

Harnesses are produced long to be adjusted according to children' need. If the exceeding part is too long, it can be cut and sealed with a small flame.

45° PELVIC BELT

It controls the pelvic area and prevents the child from sliding forwards.

Fit on the seating unit (pict P1)

Set the pelvic belt on the seat with the coloured part upwards.
Put the harnesses into holes **Y** of the seat.

Removal from the seating unit

Carry out opposite process to the fitting operations

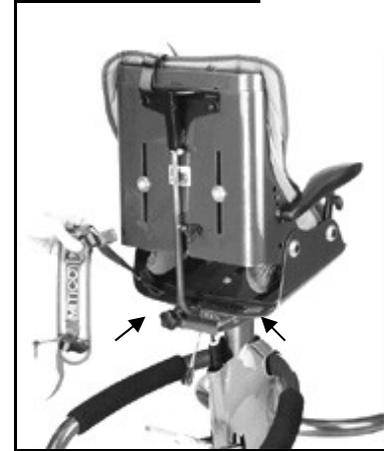
USE (pict P2)

Loose lock **44**.

Seat the child properly then close lock **44**. Adjust the straps with their rings **45** according to the child's needs.

NOTE

Harnesses are produced long to be adjusted according to children' need.
If the exceeding part is too long, it can be cut and sealed with a small flame.



Pict. P2

VEST WITH BRACES

It supports and contains the child's trunk to the seat in a comfortable way.
All parts **are washable**, according to label's instructions.

Fit on the seating unit (pict Q1-Q2)

Remove the headrest and bolts **O** and **T**; then the plastic cover.

Fix the higher harnesses in holes **X** of the seating unit.

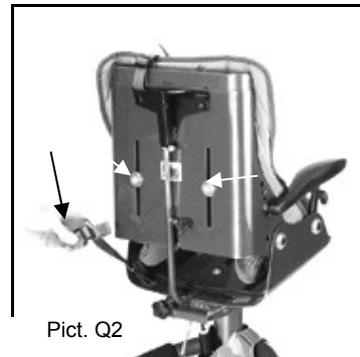
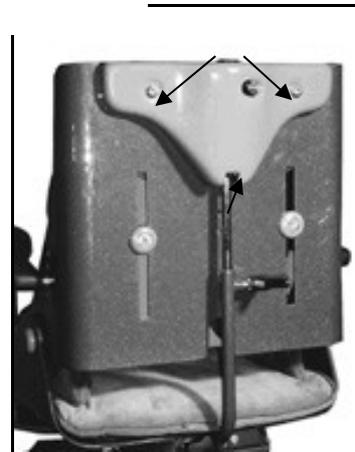
Fit in again the plastic cover and bolts **O**; **place** the headrest and bolt **T**; tighten all bolts.

Position the braces on the seating unit.

Fix the lower harnesses (already set on the seat) in locks **46** of the braces.

Removal from the seating unit

Carry out opposite process to the fitting operations.



Pict. Q2

CHEST VEST USE (pict Q3)

Loose the braces from the higher locks by pressing **47** then unzip.

Let the child sit in the seating unit; then put the harnesses into place by higher locks **47** . Close the zip and adjust the harnesses according to child's dimensions.

NOTE

Harnesses are produced long to be adjusted according to children' need. If the exceeding part is too long, it can be cut and sealed with a small flame.



ANATOMIC PELVIC ABDUCTION BELT

It keeps legs abduction and **monitor** the pelvis to prevent from sliding forwards.

All parts are washable, according to label's instructions.

Fit on the seating unit (pict R1-R2)

Place the belt on the seat with the coloured **side** downwards. Put the harnesses in holes **Y** of the seat and the male side to the other two free harnesses in the seat

Removal from the seating unit

Carry out opposite process to the fitting operations.



ABDUCTOR STRAP USE (pict R2)

Let the child sit in the seating unit; then pass the two belts between the legs and use locks **48** to fix.

Adjust the harnesses according to child's needs.

NOTE

Harnesses are produced long to be adjusted according to children' need. If the exceeding part is too long, it can be cut and sealed with a small flame.



ATTENTION - NOTES

- ✦ Hanging bags on pushbar could alter the stability of the frame.
- ✦ While folding and unfolding the frame, some metallic parts can contact causing damage to paintwork. Be careful, not to trap one's own fingers!
- ✦ Be sure that all joints, screws and levers are well fastened after the necessary adjustments.
- ✦ **Take care** of the child while in the Mitico system.
- ✦ Grounds with more than 10° inclination can endanger the frame balance. Be careful on uneven slopes.

ANNUAL MAINTENANCE

Mitico seating system does not need any particular maintenance; an annual check up of mechanical parts by specialized personnel is suggested. As well, it is recommended to clean and polish wheels, to take off dust and dirty particles, which could brake or block wheels movements.

FABRICS CLEANING

Mitico fabrics and paddings can be washed by hand or in washing-machine at max 40°C with *usual mild* detergents. Armrest can be cleaded by means of a mild spray (not aggressive like thinner or trichlorethylene).

SCREWS AND BOLTS

Screws and bolts could be loosened over time. Therefore, do not forget to *monitor check* them regularly and, if necessary tighten them properly. If safety locks loosen, they may lose their main function, therefore they have to be replaced with new ones.

CAUTIONS FOR THE SEATING SYSTEM

Mitico should not be used with temperatures lower than -35°C or higher then 60°C. There is no limit of use in humid or dry air conditions.

REPAIR

With the exception of *secondary* repairs, all other maintenance work should be carried out by technical personnel at your nearest supplier. For all information on repair and after-sales services, please contact the distributor in your area.

SPARE PARTS

Refer to your nearest supplier for accessories and spare parts.

WASTE DISPOSAL - RECYCLING

The packing material is to be recycled. The metallic parts can be recycled as 'old metal material'.

PRODUCT RE-USE

Mitico is developed to be used more than once *time*; at this aim a 'kit for re-use' is available'. *The kit* includes covers and padding to be replaced at each new use and Mitico application.

Your supplier will be pleased to give you all necessary information on this point.

GUARANTEE CERTIFICATE

Fumagalli products are made according to the most modern technologies. Product parts are of top quality and grant stability [for a long time](#).

In case the product [shows lack of](#) quality materials or processing, under normal conditions, we will then destroy and replace it in compliance with the guarantee guidelines.

In case you bought Miiitco in the European Union members, you can take the damaged/faulty product to one of the official Fumagalli distributors together with the guarantee certificate.

In case of purchase outside the European Union, refer to the retailer where you directly bought the seating system.

VERY IMPORTANT: Do not forget to show the guarantee certificate together with invoice or purchase receipt provided by the retailer.

GUARANTEE

With the above guarantee, Fumagalli Srl guarantee this product won't give any faults in materials and production for 2 years from the date of purchase.

Fumagalli cannot allow any other guarantee on the product; therefore, the customer must test, in this certificate, the respect for this norm.

In case product material or production faults arise during the guarantee term, Fumagalli Srl or the official distributor will repair the product itself; replace or repair the faulty part without any charges and according to the guarantee conditions (after being checked by Fumagalli srl).

Fumagalli Srl reserve the right to replace and [change](#) the parts of faulty units (after necessary controls), [or](#) to replace the product, in case it cannot be repaired anymore.

Fumagalli Srl guarantee nothing more than what is written in this certificate.

TERMS

1. In order to be provided with all guarantee services, the following documents have to be enclosed with the certificate:

- Your name and complete address;
- The invoice of the EU-supplier where you purchased the item, with the purchase date on. OR
- The complete name and address of your supplier, where the product was purchased;
- The series number and model of the item.

Fumagalli Srl reserve the right to refuse repair or replacement under guarantee, if the above listed documents are missing or if products have been changed and modified since the purchase date.

- 2.** **This** guarantee does not replace or report on any damage caused in case this product has to be modified or adapted, in order to respect national or local technical safety norms in a country different from the one where it had been manufactured.
- 3.** The present certificate is not valid if series number or model have been changed, cancelled, or have been made unreadable.
- 4.** The present guarantee does not cover the following points:
- Regular maintenance and parts repair or replacement due to normal wear;
 - Those changes and adjustments to the product without the written authorization by Fumagalli Srl **and** different from the ones given in the user manual.
 - Damages of the product, caused by:
Improper use, particularly:
 - Product use for different aims from the given ones, or use without respect of Fumagalli Srl user manual and terms.
 - The use of the product in a way that, in the country where it is used, does not correspond to safety and technical norms.
 - Unsuitable or inappropriate set-up.
 - b- improper and not suitable cleaning or maintenance;
 - c- repairing by unauthorised Service Senters, or by customers themselves ;
 - d-Faults, accidents, changes to set up processes or wrong packing, use of non-original spare parts;
 - e-Faults, water, fire, high tension, not necessary and regular electrical supply, insufficient air and all other situations that are not Fumagalli Srl responsibility;
 - f- System defects, linked to this product;
 - g-Use of spare parts produced by another manufacturer and not **in compliance** with Mitico product.
- 5.** The above guarantee does not cover products used and showed during exhibitions, business meetings, seminars or similar events.
- 6.** Fumagalli Srl and authorized distributors are not responsible for damages caused by things, animals or people by their own environments.

The above guarantee is limited to legal rights of users in compliance with the current valid national laws and to the contract between the user and the retailer.

For any further technical help on the product, please contact :

xyz xyz xyz Ph : Fax : Email:
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PRODUCT:
Series Number:
Producer stamp and signature:
Purchase Date:
Name and address of the customer:

ADDITIONAL GUARANTEE:

TECHNICAL DETAILS

SEATING UNIT - 873002/3 – TRUNK/PELVIS POSTURALSEATING UNIT

WEIGHT: 873002 small: see drawing - 873003 medium: see drawing

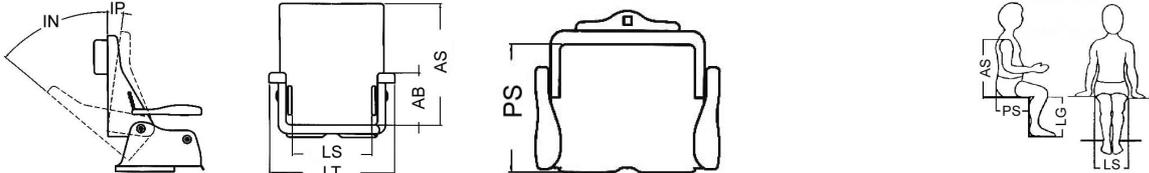
SIZE: 873002 small: see drawing - 873003 medium: see drawing

COVER

FabricTREVIRA CS, fire-retardant and very transpiration-friendly. Hand washing with usual and neutral detergents, do not iron.

PADDING

Closed-cell silicon fibre (17 Denier), very transpiration-friendly. Hand washing with usual and neutral detergents, do not iron.



DESCRIPTION		873002 SMALL SIZE		873003 MEDIUM SIZE		TAKEN DIMENSIONS
Total width	LT	420		470		
Seat width	LS	200 ÷ 260		280 ÷ 340		
Seat depth	PS	225 ÷ 320		280 ÷ 380		
Backrest height	AS	370 ÷ 430		450 ÷ 530		
Armrest height	AB	140 ÷ 190		170 ÷ 230		
Negative backrest reclining	IN	39°		45°		
Positive backrest reclining	IP	12°		10°		
Platform 'STYLE' length	LG	870141 220 ÷ 330		870142 300 ÷ 400		
Single Platform length	LG	870111 70 ÷ 370		870111 70 ÷ 370		
Separate footrest length	LG	870133 80 ÷ 300		870134 80 ÷ 300		
Weight		6,2 kg		8 kg		

TRANSPARENT FRONT TRAY

870041

Maximum load: 5 Kg (in balanced weight distribution)

MULTIFUNCTIONAL TRAY

870043

Maximum load: 5 Kg (in balanced weight distribution)

“L’ALTALENA” Swing Frame

876004

Weight: 37 kg

Maximum load: 40 kg

“MOLLA” Spring Frame

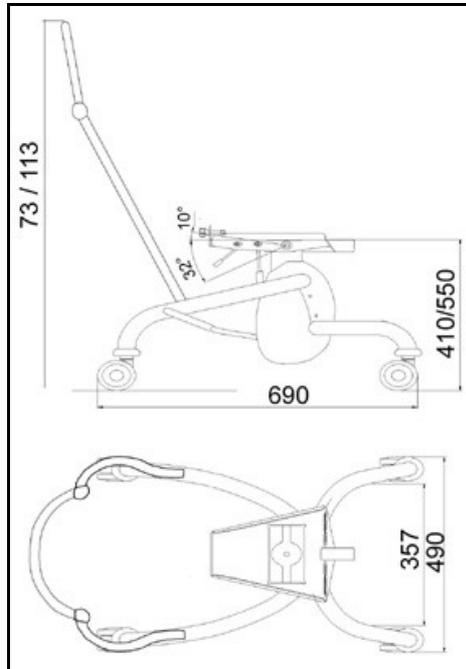
876005

Weight: 21 kg

Maximum load: 20 kg

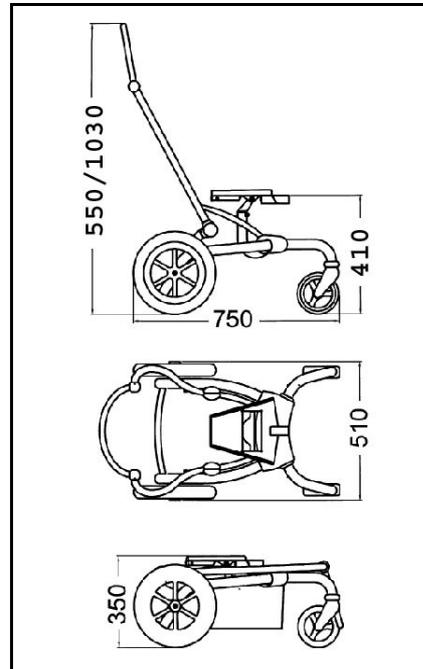
**„DENTRO“ indoor frame
876005**

Weight: 12 kg
Maximum load: 50 kg
Size: see drawing
Gas piston: 350 N



**„FUORI“ outdoor frame
874004**

Weight: 13,5 kg
Maximum load: 50 kg
Size: see drawing
Gas piston: 350 N



**„BUGGY“ outdoor frame
874001/2**

Weight

874001 small size: 12.5 kg

874002 medium size: 13 kg

Maximum load

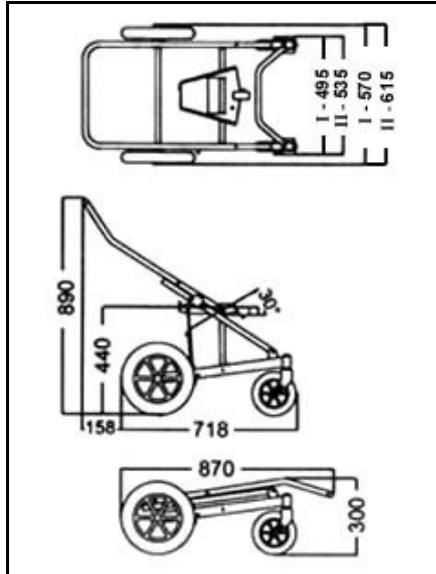
874001 small size: 40 kg

874002 medium size: 40 kg

Size

874001 small: see drawing

874002 medium: see drawing



**„ROLLING“ outdoor frame
874101/2**

Weight

874101 small size: 10,4 kg

874102 medium size: 10,4 kg

Maximum load

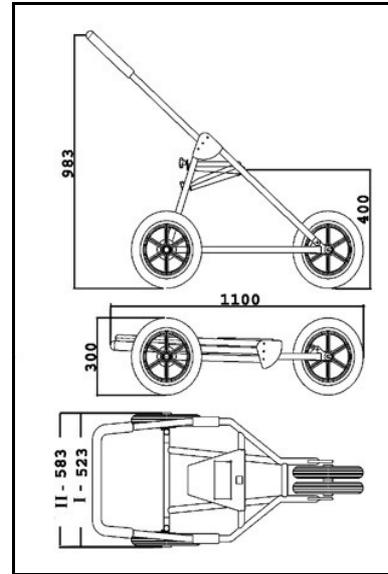
874101 small size: 40 kg

874102 medium size: 40 kg

Size

874101 small size: see drawing

874102 medium size: see drawing



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