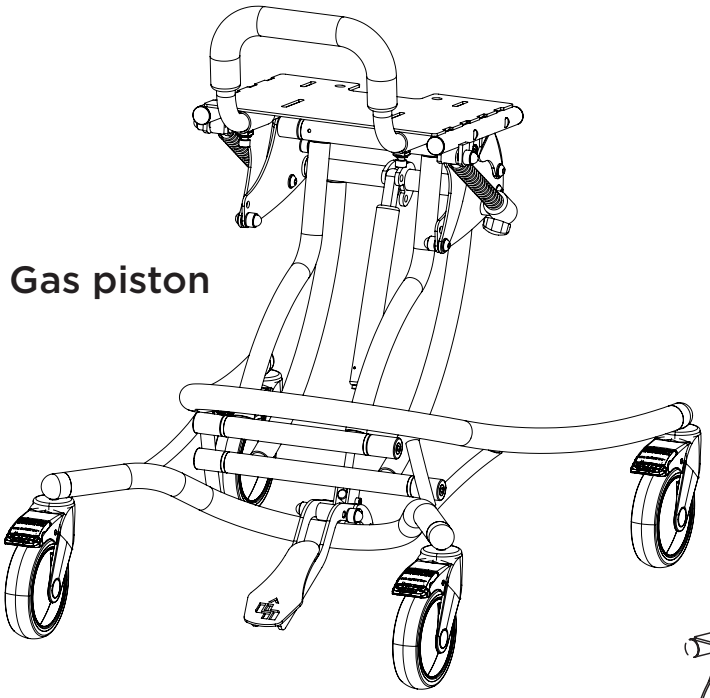
2020-07-02

EN

Gas piston



Electric



User Manual

Zitzi Flipper Pro

Table of contents

Safety precautions 3

Adjustable seat height - Gas piston 4

Adjustable seat height - Electric..... 5

Charging the battery..... 6

Connecting the electronic box 6

Tilt function 7

Driving bows 8

Parking brake and directional lock & frame extension..... 9

Mounting of a seat system.....10

Footrest.....11

Calf support 12

Footrest high edge, single stay 13

From single stay to double stay.....14

Drilling instr. whole footrest plate 15

Drilling instr. divided footrest plate 16

Maintenance instructions 17

Reconditioning 17

Spare patrs 17

Markning 18

Warranty 18

Comb. & suitable seating system 18

Disassembly & Dismantlement 18

Safety precautions

Introduction
In order to use the Zitzi Flipper Pro in its full extent, it is important that you read this manual. This applies to everyone close to the user.
The product is intended for users with seating problems and fits many different kinds of diagnoses. Adaptation/fitting of Zitzi Flipper Pro must be done by a medically qualified person.
If you need additional information, please contact Anatomic SITT AB.

Field of application
The product is only intended for use as a seating system together with chassis produced by Anatomic SITT AB.
If other uses are desired, please contact Anatomic SITT AB.

Correspondence
Zitzi Flipper Pro and its accessories are CE marked products. A unique serial number is located on a label placed under the activation housing. This serial number should be quoted in any correspondence regarding the product.

This product is manufactured by Anatomic SITT AB

Postal address	Anatomic SITT AB, Box 6137, SE-600 06 Norrköping
Street address	Anatomic SITT AB, Terminalgatan 1, SE-603 61 Norrköping
Phone	+46 11-161800
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Webb	anatomicsitt.com
Instructions movies	youtube.com/anatomicsitt
Follow us on	facebook.com/anatomicsitt

Mark in the checkbox if the product is CUSTOMIZED.

The CE Mark is no longer valid and should be removed.

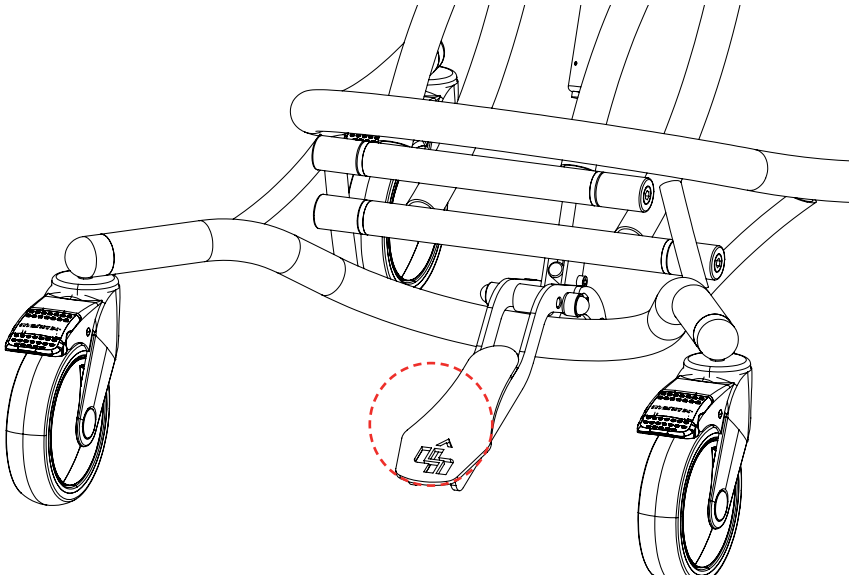
Place of label

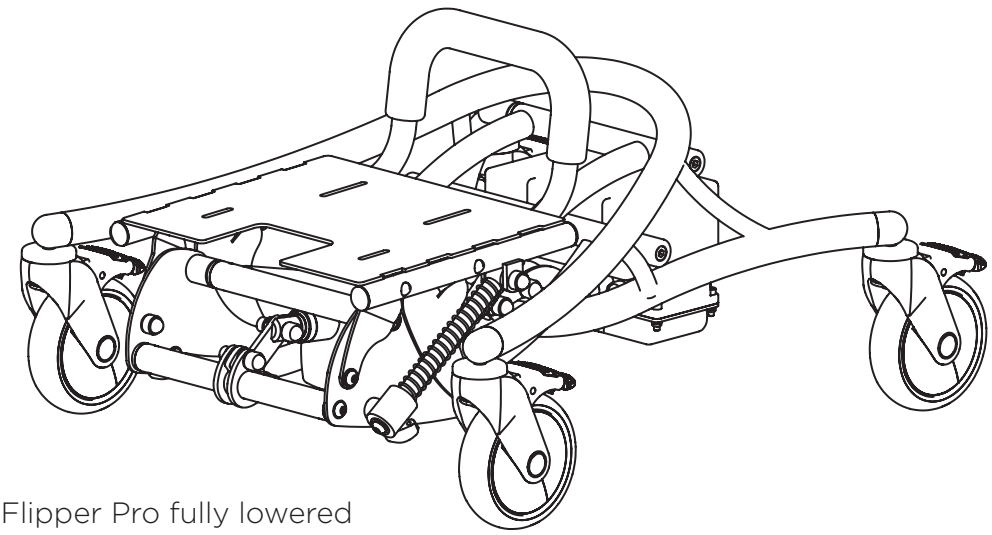
Adjustable seat height - Gas piston

The seat height are adjustable from **23-61** cm.
It can easily be adjusted with the foot pedal.
Keep in mind that you always should have a hand on the seating system when you are adjusting it.

- Release the locked position by pressing the foot pedal.
- Adjust the seat height to desired position.
- Let go of the foot pedal when you achieved the desired height.
  The height is now locked

> ⚠ **Note!** Be careful to avoid risk of pinching





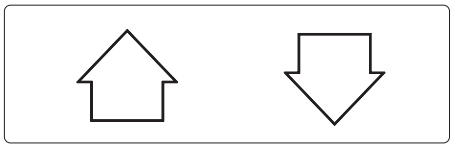
Zitzi Flipper Pro fully lowered

Adjustable seat height - Electric

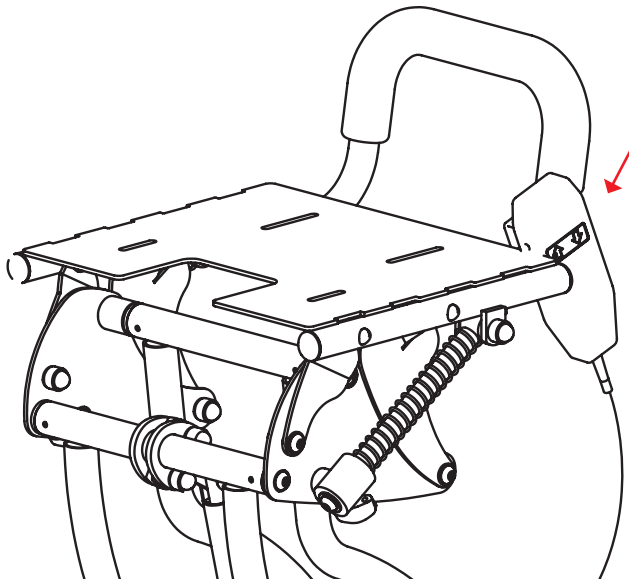
The seat height are adjustable from 23-61 cm.
It can easily be adjusted with the electric hand control.

Keep in mind that you always should have a hand on the seating system when you are adjusting it.

> ⚠ **Note!** Be careful to avoid risk of pinching



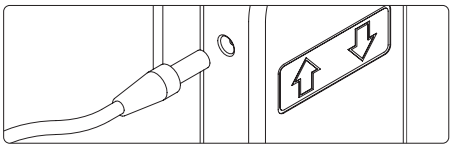
- Up arrow raises the seat plate
- Down arrow lowers the seat plate



Charging the battery

Connect the cable of the charger into a regular wall socket (220 V).

Then connect the cable of the charger into the side of the hand control.
You have to charge the battery for at least 24 hours the first time you use it.
It is very important that you never let the battery uncharge completely. If so, it may be damage.



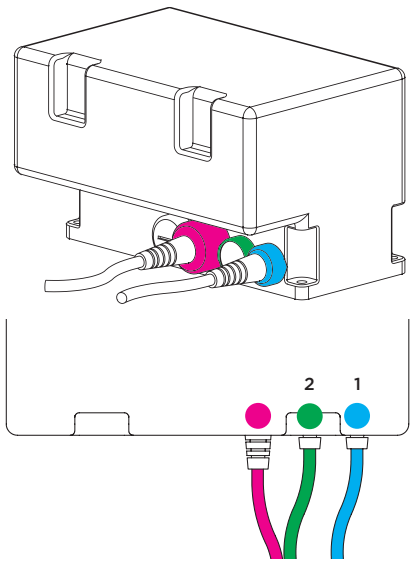
The connection for charger is the side of the hand control.

Charge the battery for 24 hours the first time.
Thereafter, charge it every night.
Never let the battery uncharge completely.

Connecting the electronic box

When connecting the electronic box the actuator for the lift should be connected to the box input marked 1.
At the option of electronic tilt function, the electronic box and the electronic controller have to be replaced for this intended. The actuator for the tiltfunction then should be connected to the box input marked 2.

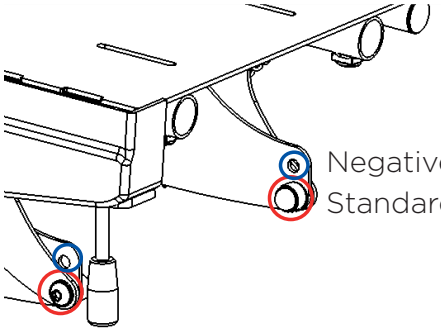
- **HAND CONTROL**
- **ACTUATOR (TILT)** option
- **ACTUATOR (LIFT)**



Tilt function

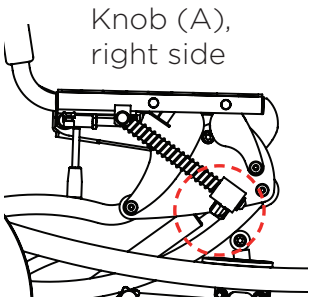
Tilt function

Flipper Pro has two different tilt positions, which is set using holes on the side of the seat plate. If the piston is attached to the lower hole (see figure), tilt is obtained at 0° -30°. If the piston is inserted into the upper hole, a tilt of -5° to 25° is obtained.



Tilting with gas piston

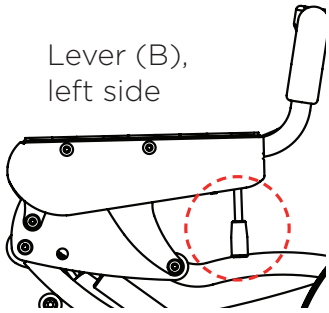
The angle of the seat plate are adjustable 0-30° and can be adjusted by loosen the knob (A) and pressing the lever (B), then push the seat plate down- and forward. Release the lever (B) to lock the desired angle, and then tighten the knob (A) to ensure that the angle is locked.



> ⚠ **Note!** To reset the seat angle to its starting position, loose the knob (A), press the lever (B) and pull the seat plate up and backwards by griping the handle.

Spring return

The spring on the side of the seat plate helps to reset the seat plate to its original position.



Control

Always check that the tilt is locked when you reach the desired angle.

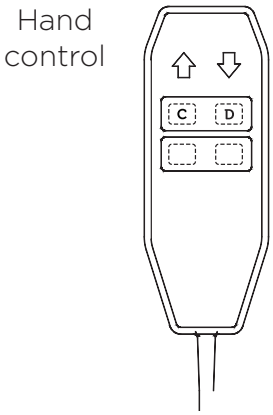
Locking

The knob (A) must always be locked after any adjustment.

> ⚠ **Note!** Be careful to avoid risk of pinching

Electric tilting

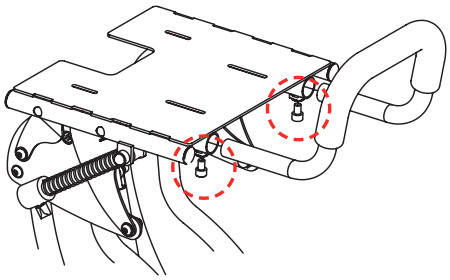
The angle of the seat plate are adjustable 0-30° and can be adjusted by loosen the knob (A) and pressing button (C) for tilting forward and button (D) for tilting backward. Release the button on the hand control when the desired tilt position is reached. Lock the knob (A) to ensure that tilt position is locked.

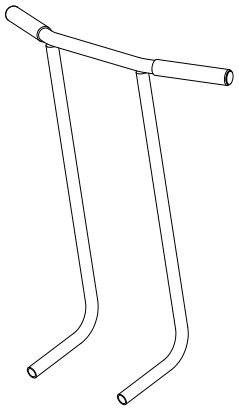


> ⚠ **Note!** It is very important that the knob (A) is released before using the electric tilt function.

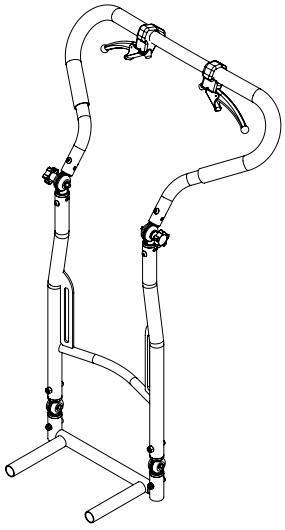
Driving bows

Mounting of driving handle
Mount the driving handle by push it into the frame.
Tighten the screws properly after mountning.

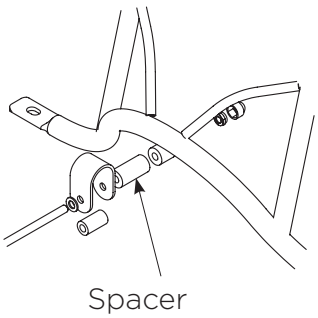


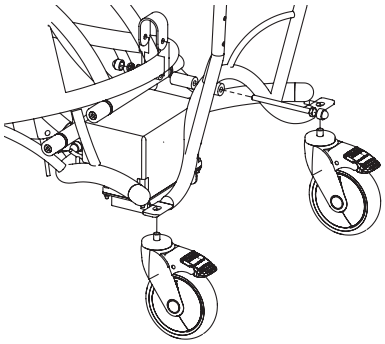


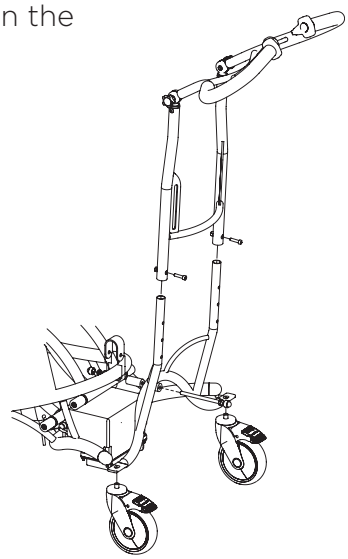
Mounting of driving bow on an Zitzi frame
Mount the driving bow by push it into the frame.
Tighten the screws properly after mountning
(see the figure above).



Mounting of the large driving bow
The large driving bow shall be mounted in between the tube frame and the rear wheels.
Change the screws to M10x45 and place the washer between the bow and the frame.
The bow shall be mounted on the top of the tube.
Use Locktite when re-mounting the rear wheels.
The spacer shall only be used on Flipper Pro size 3.

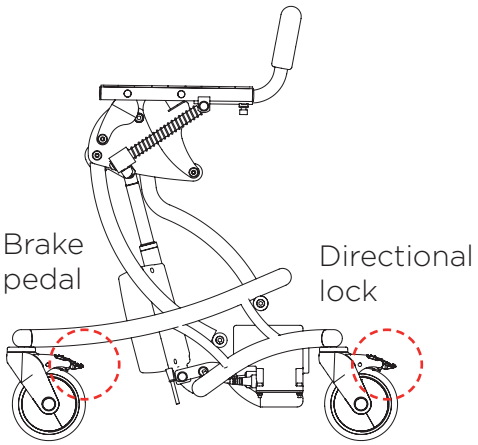




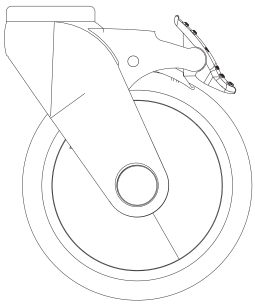


Parking brake and directional lock

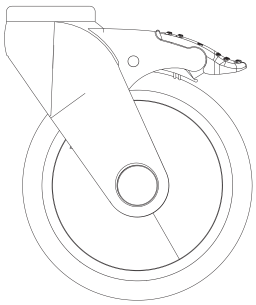
Locking and unlocking the brake
To lock the wheels in the current position, step on the rear edge of the brake pedal. To unlock the wheels, step on the front edge of the pedal.
When locking is activated, both wheels rolling function and the wheels direction are locked.



Directional lock
Directional lock is located on the right rear wheel (Note: No brake on this wheel). To activate the directional lock, step on the rear edge of the brake pedal. When the wheel is directed forward, the directional lock will start to work. To unlock the directional lock, step on the front edge of the brake pedal.



Locked brake or directional lock activated



Unlocked brake or directional lock deactivated

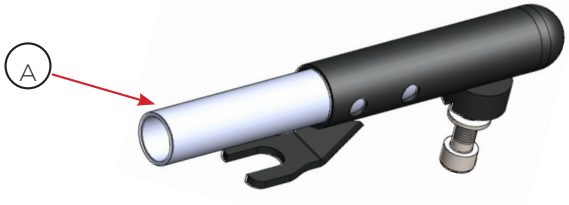
Quick guide

- **Locking**
  Lock the wheels by stepping on the rear edge of the brake pedal
- **Unlocking**
  Unlock the wheels by stepping on the front edge of the pedal

Frame extension

Mounting of frame extension
Installation of the frame extension is done by first loosening the screw and removing the wheel. Then remove the end plug (B) on the frame tube. Insert the frame extension (A) and tighten it. Tighten the wheel again.





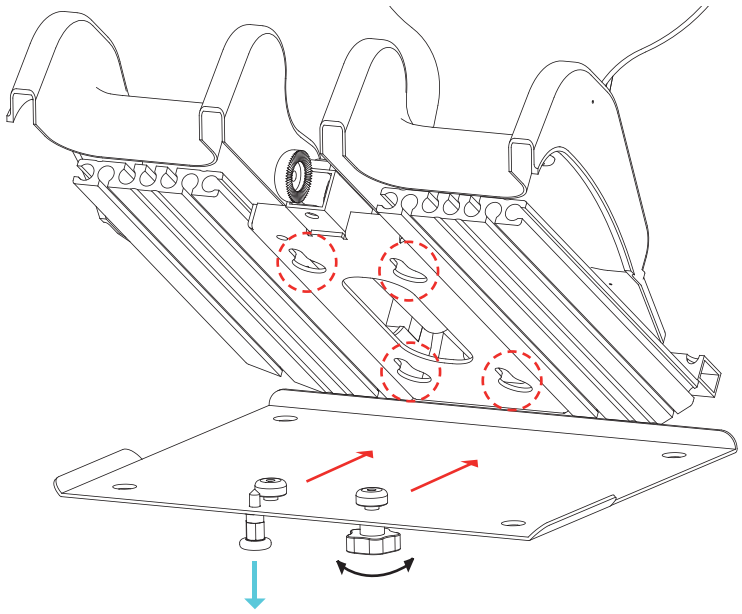
NOTE! When using Active seat on Flipper, frame extension must be used due to risk of tipping.

Mounting of a seat system

A seating system can easily be mounted on Zitzi Flipper Pro with a mounting plate. The mounting plate is equipped with 4 bolts that makes the seating system stays in place. The knob beneath the mounting plate makes sure that the seating system do not lose its position.

Push the seat system according to picture. Press the seat system back until it stops and you hear a click.
Then tighten the knob under the seat plate to determine the seat system's position.

> ⚠ **Note!** Make sure the latch locks into properly and that you tightened the knob!



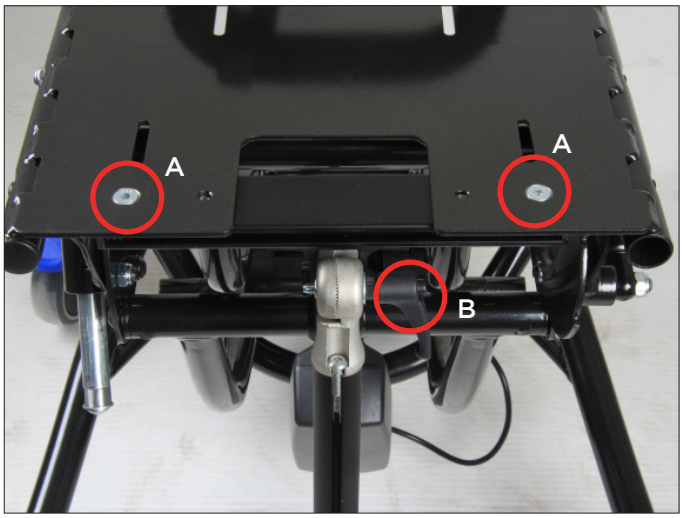
Hole pattern	Pull downward to open
Pull direction	Knob

Footrest

Mounting of footrest bracket - A
Fit the profile to the footrest bracket under the seat plate with the supplied screws in the holes at the front of the seat plate.

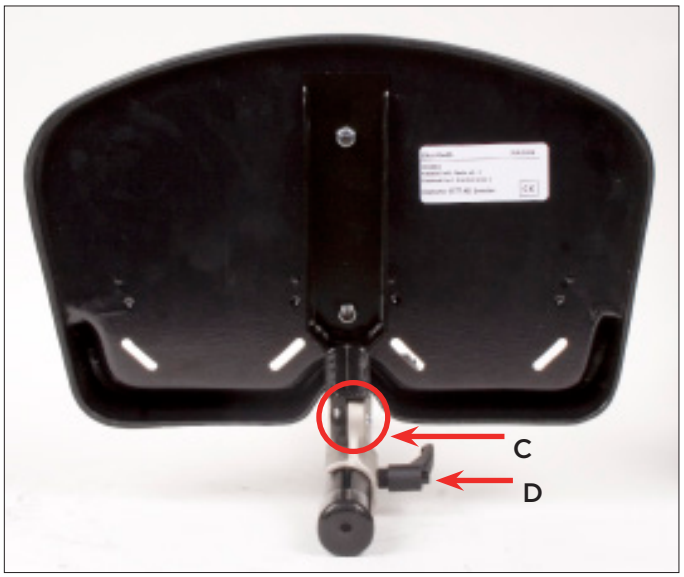
Adjusting the knee joint - B
Loosen the lever (B) and adjust to desired position. Tighten when desired positions is reached.

> ⚠ **Important!** The ”teeth” have to fit with each other. Lock the bolt properly!

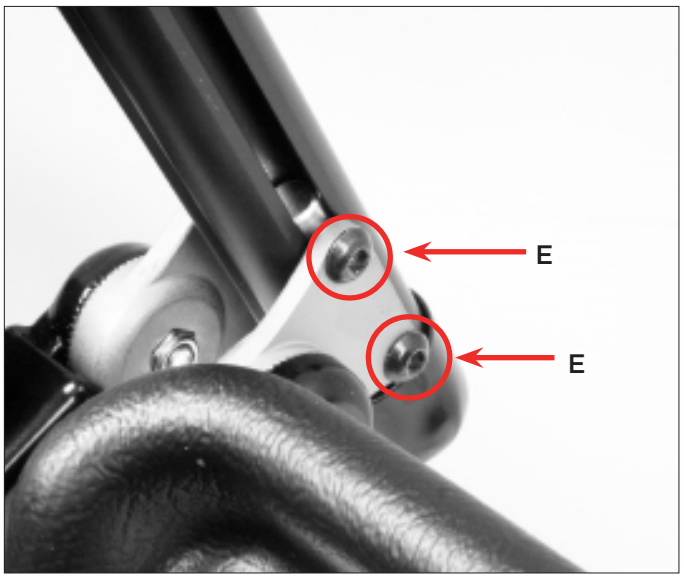


Angle adjustment, foot joint - C
Loosen the screw (C) and adjust to desired position. Tighten when desired position is reached.

Height adjustment, foot plate - D
Loosen the lever (D) and adjust to desired position. Tighten when desired positions is reached.

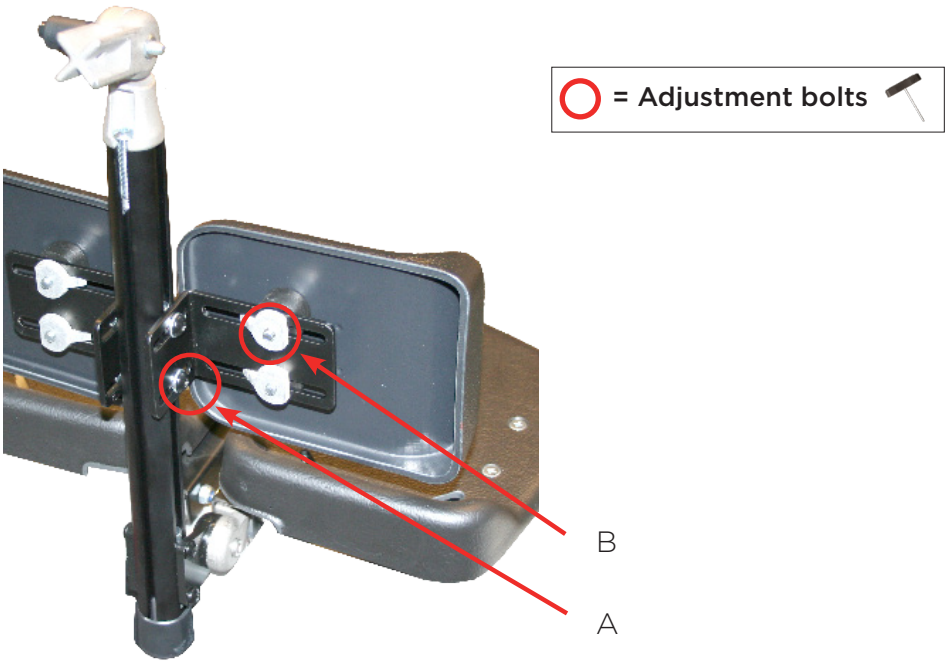


Height adjustment, divided foot plate - E
Loosen the screws (E) and adjust to desired position. Tighten when desired positions is reached.



Calf support

Loosen the screws A to adjust to the desired height and depth.
Tighten the screws when the desired setting is reached.
Release screws B to adjust the width of calf support.
Tighten the screws when the desired setting is reached.



Footrest high edge, single stay

Mounting the high edge footrest with single stay at after ordering

Since that high edge footrest is designed to suit both single and double stay, the footrest needs alternative drilling according to instructions on page 18-19 depending on the type of foot plate you have.

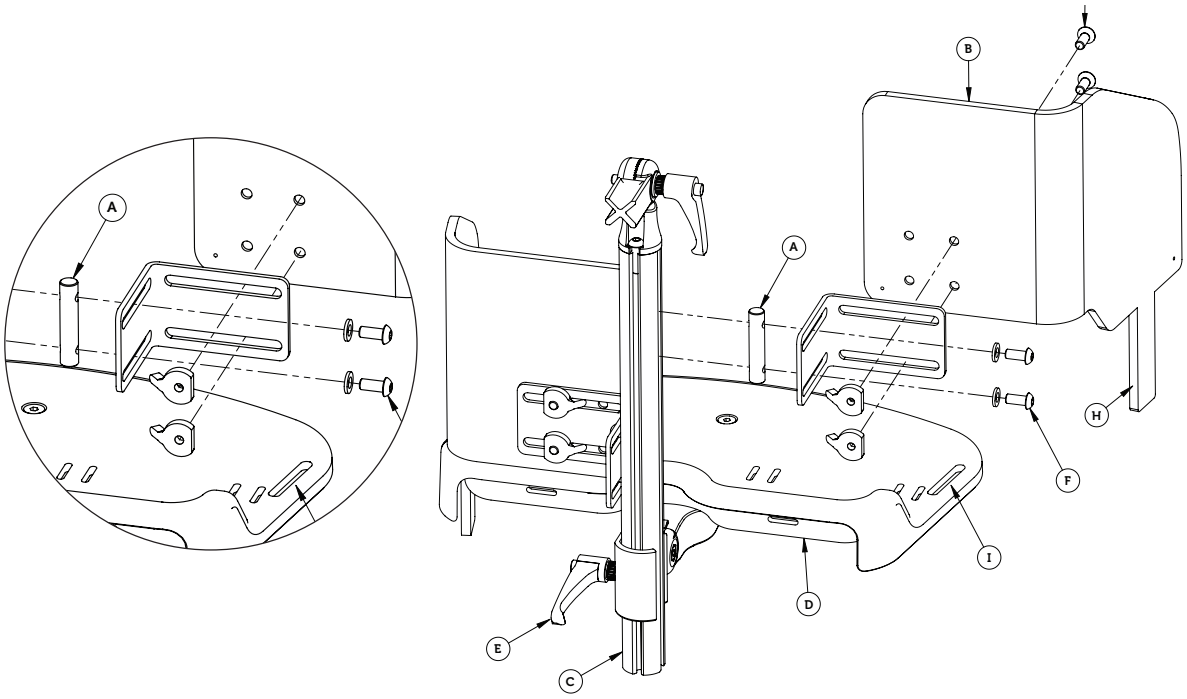
To mount the high edge footrest start by pushing the rim pin (A) on the footrest (B) into the footrest stay (C). Then set the footrest (D) at the desired height and tighten the lever knob (E).

Set the desired height and width of the footrest using the screws (F) and (G). The plastic stay (H) on the footrest shall be brought through the track (I) on the footrest stay. Finally, install the supplied upholstery and check that all screws are tightened.

Mounting the high edge footrest with single stay when ordering with footrest

To mount the foot box, start by pushing the rail pin (A) on the footrest (B) of the footrest support (C). Adjust the footrest (D) to the desired height and tighten the lever (E).

Adjust the desired height and width of the foot box using the screws (F) and (G). The plastic rod (H) on the foot box should be carried through the groove (I) on the footrest plate. Finish by installing the enclosed padding and check that all screws are tightened.

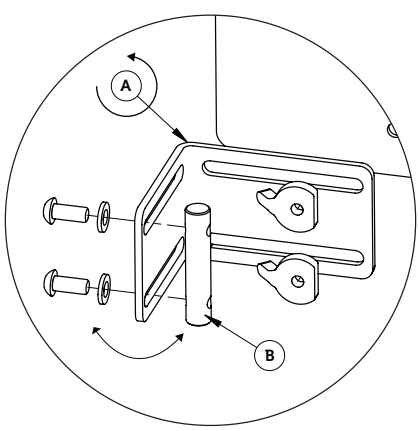


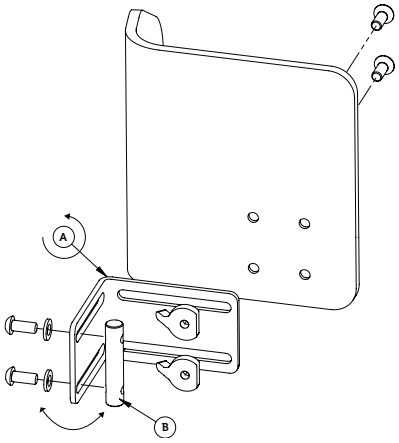
The plastic stay (H) may after adjustment of desired height be cut or heated in under the footrest plate according to personal preference. Drillhole markings can also be found under the foot plate.

From single stay to double stay

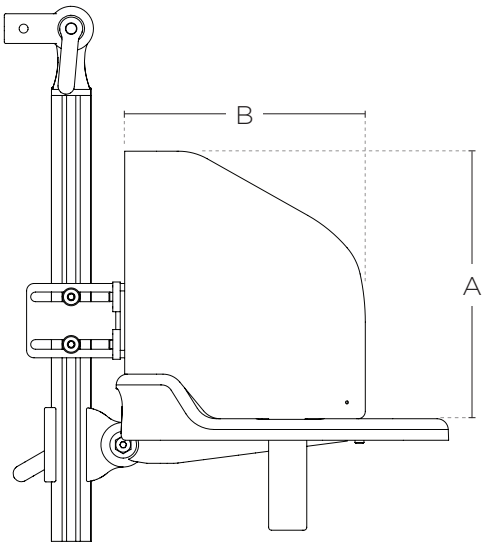
From single stay to double stay and vice versa
By default; Footrest high edge size 2, 3 and 4 has the double stay and size 1 has single stay.

To change between the different variants flip the angle plate (A) 180 degrees, and then change the side on the rim pin (B).





Technical data for whole and divided foot plate

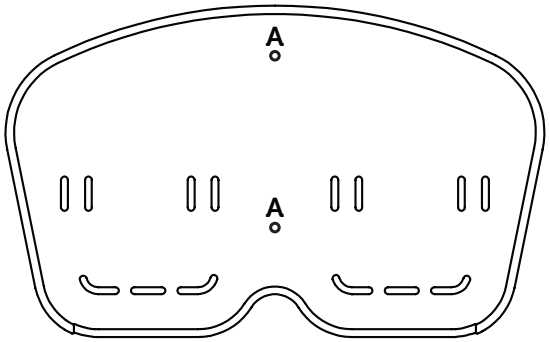


Foot plate

Whole / Divided	Size	Height (A)	Depth (B)
990041 / 990046	1	140 mm	130 mm
990042 / 990047	2	170 mm	160 mm
990043 / 990048	3	205 mm	190 mm
990044 / 990049	4	235 mm	240 mm

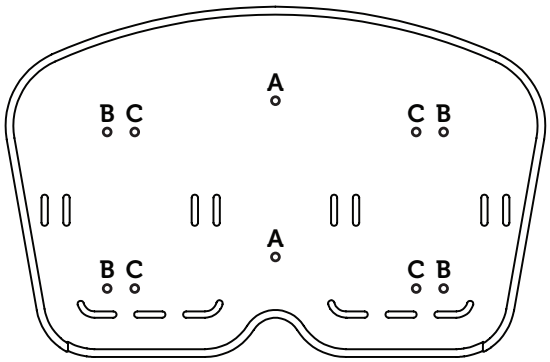
Drilling instructions whole footrest plate

Size 1



(A)
Delfi Pro & Anatomic Sits
single stay

Size 2

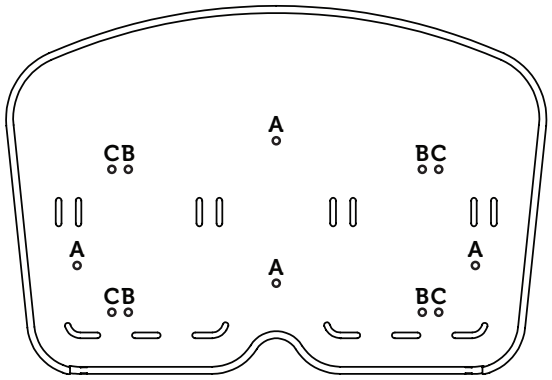


(A)
Delfi Pro & Anatomic Sits
single stay

(B)
Seabass Pro
double stay

(C)
Clozitt
double stay

Size 3

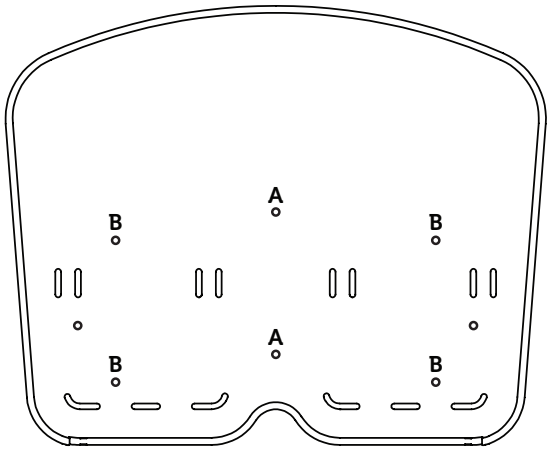


(A)
Delfi Pro & Anatomic Sits
single stay

(B)
Seabass Pro
double stay

(C)
Anatomic Sits & Clozitt
double stay

Size 4

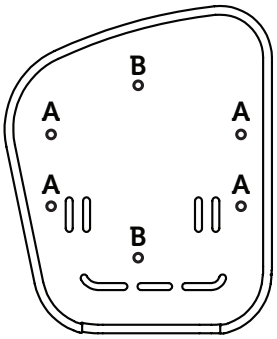


(A)
Anatomic Sits
single stay

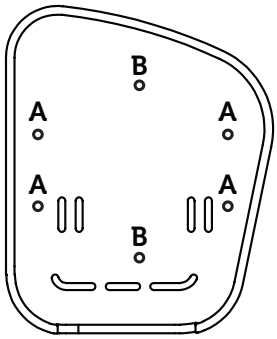
(B)
Anatomic Sits
double stay

Drilling instructions divided footrest plate

Size 1

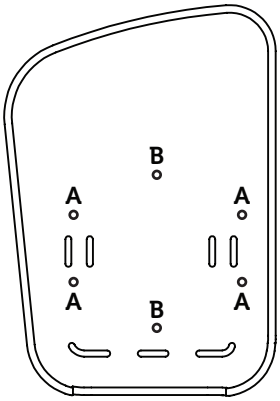


(A)
Delfi Pro & Anatomic Sits
single stay

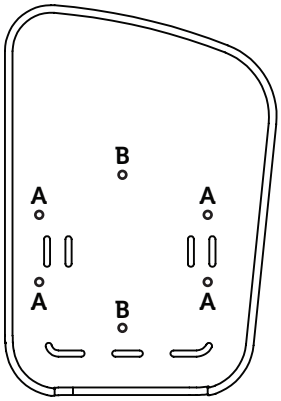


(B)
Anatomic Sits
double stay

Size 2

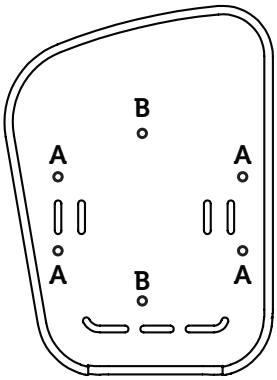


(A)
Delfi Pro & Anatomic Sits
single stay

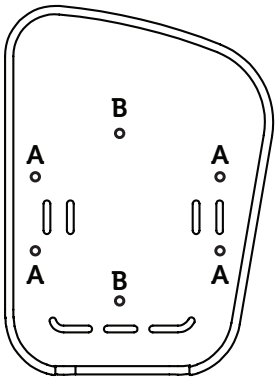


(B)
Seabass Pro, Clozitt,
Anatomic Sits & Sharky Pro
double stay

Size 3

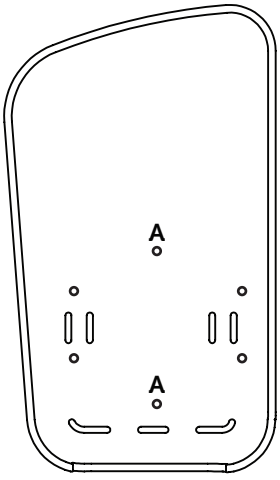


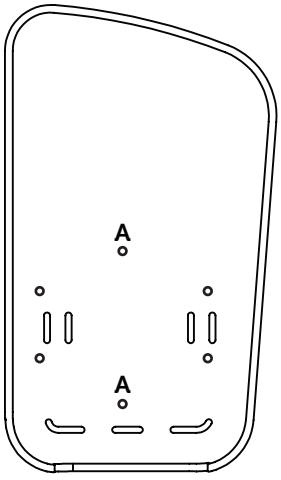
(A)
Delfi Pro & Anatomic Sits
single stay



(B)
Seabass Pro, Clozitt
& Anatomic Sits double stay

Size 4





(A)
Anatomic Sits
double stay

Maintenance instructions

Cleaning the chassis

Clean the chassis regularly with car shampoo or similar. When extreme condition, a degreasing agent can be used. Avoid electrical details and do not use a degreasing that remove grease. Think of the environment! Please use a biodegradable agent.

The battery

Charge the battery for 24 hours the first time
Thereafter, charge it every night
Never let the battery uncharge completely, if so the battery may be damaged

Reconditioning

Control

Check all moving parts for wear and tear. Exchange if necessary. Check regularly the general condition of the chassis and that all screws are tightened properly.
If you are insecure, please contact us.

Gas piston

Important! The gas piston should be used regularly to maintain functionality. When the product is not used, the gas piston must be activated at least once every 6 months. Also, when storing the product, make sure that the piston rod is positioned pointing downwards. If not, the gas piston seal might break and the piston lose its function.

Electronics

The electronics are IP-rated: IPX0. This means that it should only be cleaned with a damp cloth.

Spare parts

Zitzi Flipper Pro may only be provided with spare parts delivered by Anatomic SITT AB.

Marking

The frame is marked with a unique serial number that shall be quoted in all correspondence regarding the product.
The serial number is placed on the underside of seat plate.

SERIAL NO.

CE

Warranty

Warranty The frame	Warranty Paint	Warranty Wheels
24	12	12
24 month warranty against manufacturing defects	12 month warranty against manufacturing defects	12 month warranty against manufacturing defects

Combinations & suitable seating system

The product fits the seating systems, Zitzi Delfi Pro, Zitzi Sharky Pro & Anatomic SITS. For other combinations, please contact Anatomic SITT AB.

Disassembly & Dismantlement

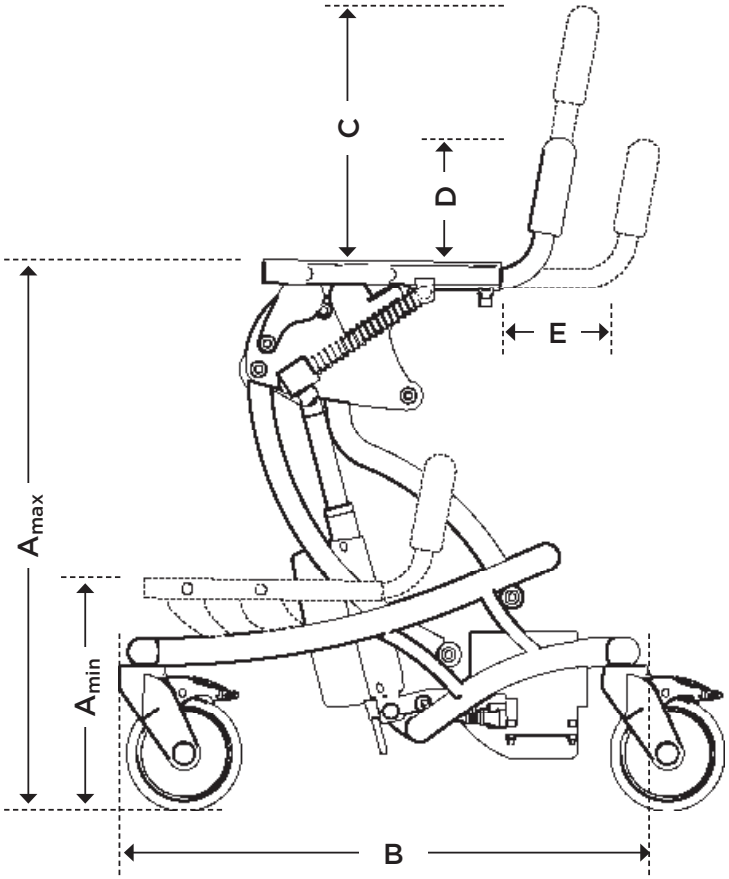
Plastic
Wheels, knobs, the locking device for the wheels

Metal
Frame, gas piston, springs, screws and stays.

Combustibly
Cushions

Technical data

In case of user weight exceeding 40 kg, electric chassis must be used.



Dimensions with 125 mm wheels

Size	Seat plate	Loading weight	Width	Weight Manuell	Weight Electric	Tilt	A (min-max)	B	C	D	E
Size 1	32x23 cm	Max 35 kg	58 cm	17 kg	20 kg	0° to 30° -5° to 25°	21-60 cm*	53 cm	35 cm**	13 cm**	7 cm
Size 2	32x26 cm	Max 50 kg	58 cm	18 kg	21 kg	0° to 30° -5° to 25°	21-60 cm*	60 cm	35 cm**	13 cm**	7 cm
Size 3	32x26 cm	Max 75 kg	58 cm	19 kg	22 kg	0° to 30° -5° to 25°	21-60 cm*	70 cm	35 cm**	13 cm**	7 cm
Size 4	35x34 cm	Max. 135 kg	58 cm	--	26 kg	0° to 30° -5° to 25°	36-71 cm*	80 cm	35 cm**	13 cm**	7 cm

* Lowest and highest seat height.

** The driving bow is not adjustable in height. (C) is height of driving bow size 2, (D) is height of driving bow size 1

SE

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