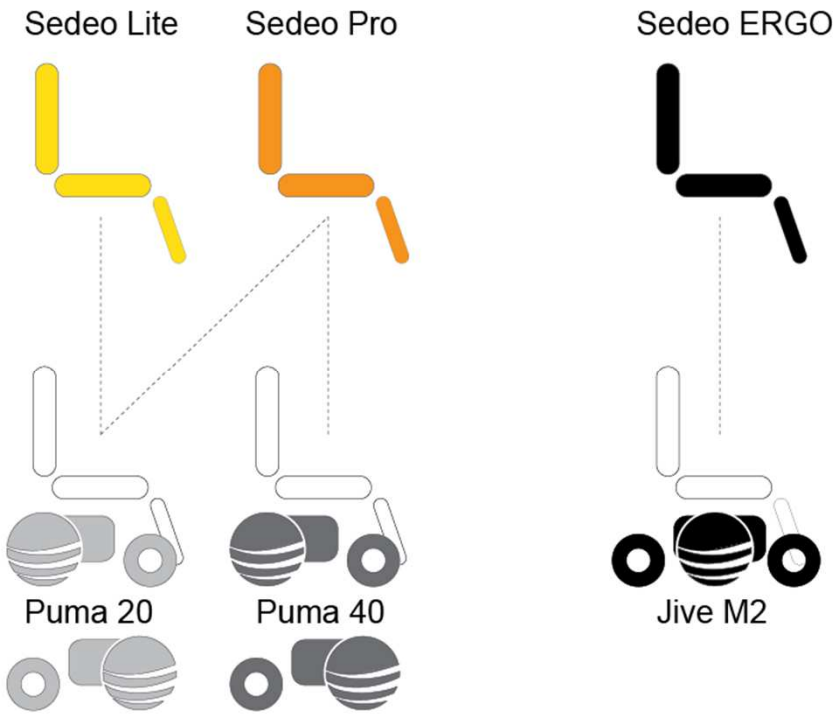
PUMA 40 SEDEO ERGO

Fits my life

IMPROVING PEOPLE'S LIVES

SEDEO ERGO ON A PUMA 40!

The first result of synergy in combining our product portfolio's



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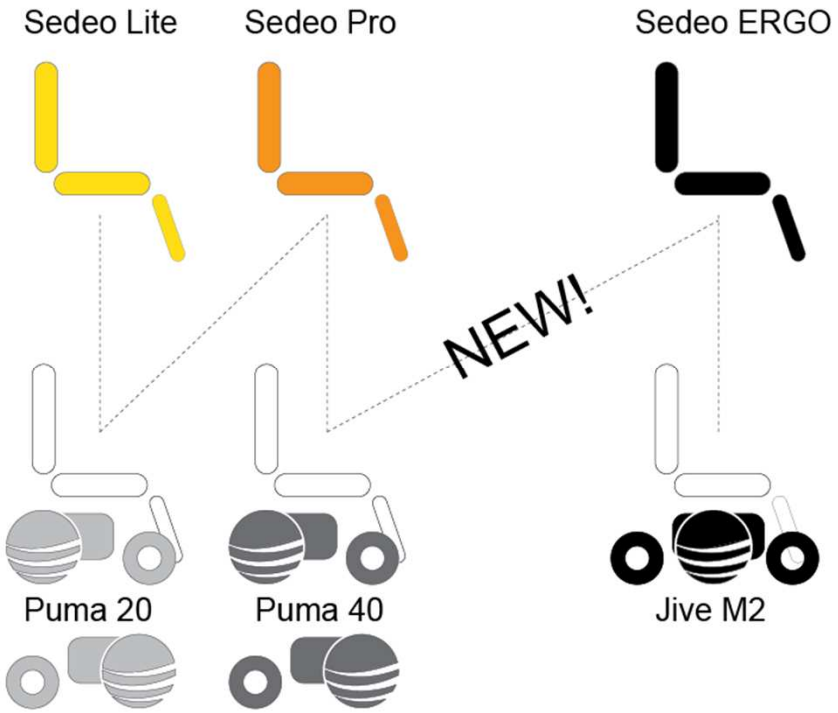

BEST OF BOTH WORLDS

SUNRISE MEDICAL

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PUMA 40 FWD
SEDEO ERGO EDITION

- Frontwheel drive only
- 6, 10, 13 kph motors (4-Pole Linix motors)
- 74 Ah Batteries possible
- 14” drive wheels, 10” castor wheels
- FTSS: Full track suspension system
- Frame Black, to match family look of Jive M2
- Color accents of frame match seating
- Sunrise 3-spoke wheels

- Comes in full configuration as standard
  - Lift (30 cm) & Tilt 50 degrees
  - Seat to floor height 45.5 cm
  - 175 degrees Sedeo Ergo backrecline
  - Center power legrest

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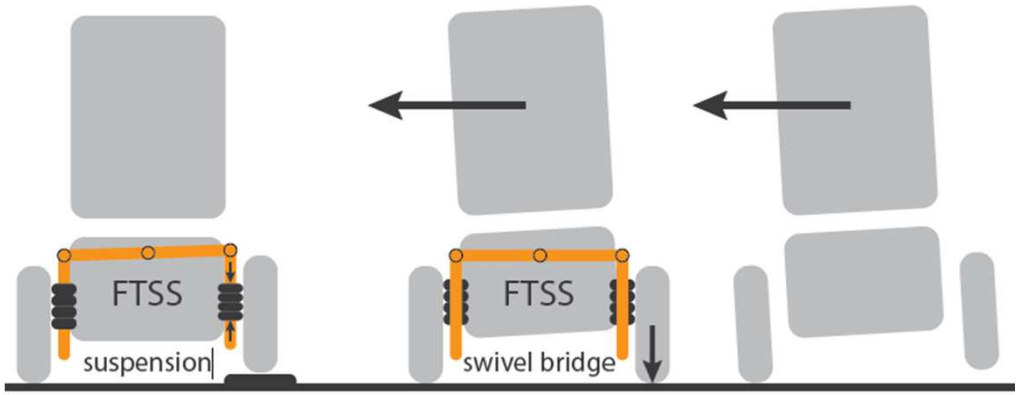
HIGHLIGHTS
PUMA 40 SUSPENSION

FTSS: Full Track Suspension System

A smart combination of rubber shock absorbers and a swivel bridge construction to keep all wheels on the ground

The shock absorbers can be adjusted by pre-tension for your own personal preference

The swivel bridge construction makes sure that all wheels stay on the ground. You need weight on the driving wheel to be in control. In a curve the inner wheel is pushed down



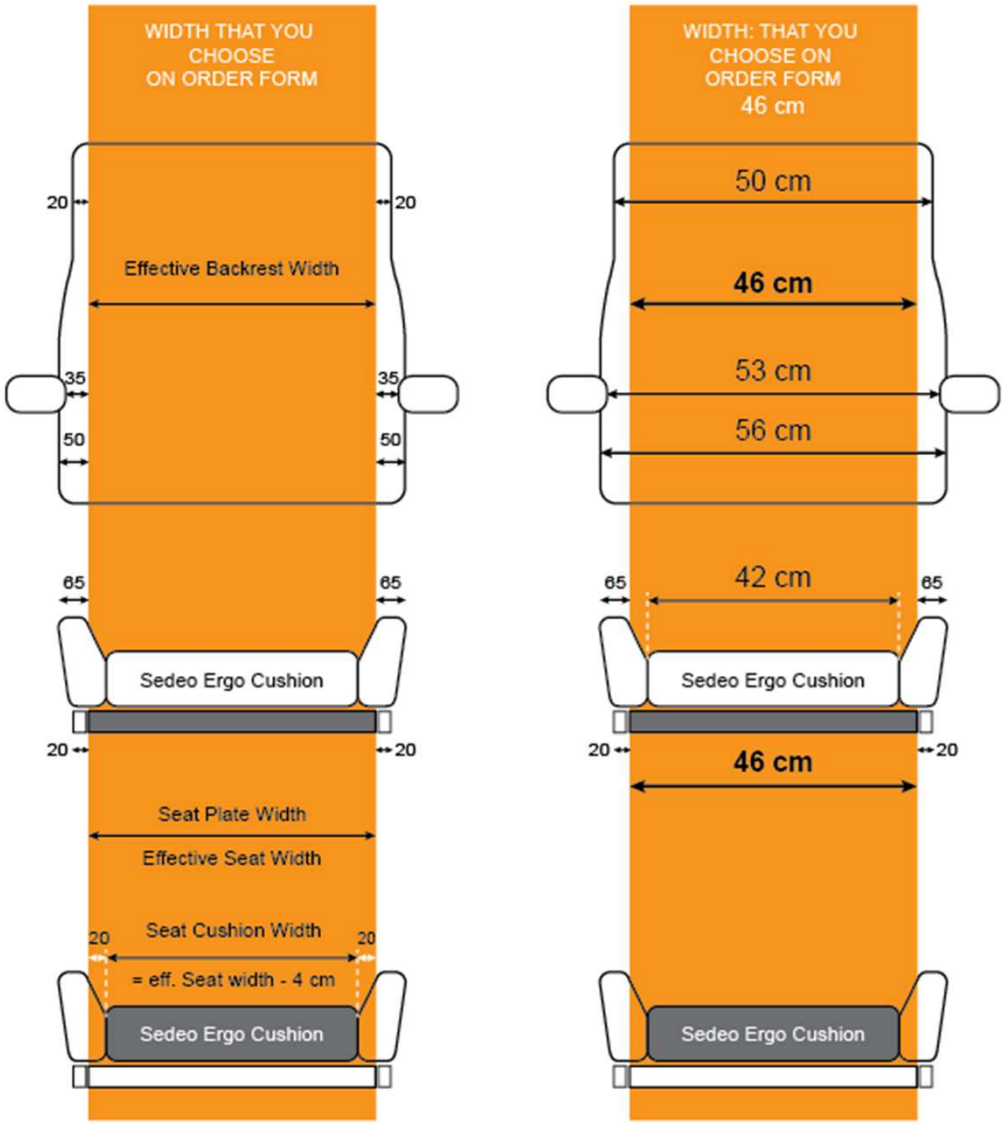
SEDEO ERGO
THE REVOLUTION IN POWER WHEEL CHAIR SEATING

- ✓ 175° power recline
- ✓ Patented 180mm integrated Anti-Shear system
- ✓ Powered CML with 2 Actuators providing 190mm of articulation
- ✓ Optional capsulated parallel s/a JS mechanism
- ✓ Adaptive track system for individual attachments
- ✓ Potentiometer Seat positioning feedback system
- ✓ 6 programmable Memory Seat Positions
- ✓ Trajectory Seat Function
- ✓ Patented Swing away seat side cushions mechanism

HIGHLIGHT SEATING FUNCTIONALITY

- 175° power recline with 180mm adaptive Anti-Shear mechanics
- Headrest, Head control, chin control stay in place during recline operation

MEASURING SEAT WIDTH
SEDEO ERGO SEAT & BACK



IMPROVING PEOPLE'S LIVES


PUMA40
SEDEO ERGO

APPENDIX

Full seat functionality presentation of Jive M2

STANDARD SEAT FUNCTIONALITY

- 175° power recline with 180mm adaptive Anti-Shear mechanics
- Headrest, Head control, chin control stay in place during recline operation

Automatic stability system keeps the chair safe and level in all conditions of the lie-down process

STANDARD SEAT FUNCTIONALITY

- Unique 180mm Anti-Shear travel range
- No seat/back cushion height difference in lie-down position
- Both features are extremely valuable when using laterals or any kind of head controls as the upper body does not move relative to the back cushion surface

STANDARD SEAT FUNCTIONALITY

- Powered centre mount leg rest with 22cm to 48cm mechanical lower legrest adjustment

- Height, width and angle adjustable calf pads
- Independent Height and angle adjustable footplates
- Footplate to ground option (0° to 90° angle range, 190mm powered articulation range)

https://www.youtube.com/watch?v=1UToHh6s3dw

STANDARD SEAT FUNCTIONALITY

- Lateral, adjustable knee and/or hip pads.

OPTIONAL SEAT FUNCTIONALITY

- Width adjustable Jay 3 back rest Adapter interface
- Incorporates an adapter rail

OPTIONAL SEAT FUNCTIONALITY

- 0° to 50° Powered cog Tilt

OPTIONAL SEAT FUNCTIONALITY

- 0° to 50° Powered cog Tilt and 30cm Lift combination

SEAT FUNCTIONALITY

- Unique and patented 3 Element Cushion design with swing out and lift off mechanism

- Release pin to swing away and lift off side cushion

SEAT FUNCTIONALITY

- Unique principle of the swing out and lift off side cushion mechanism

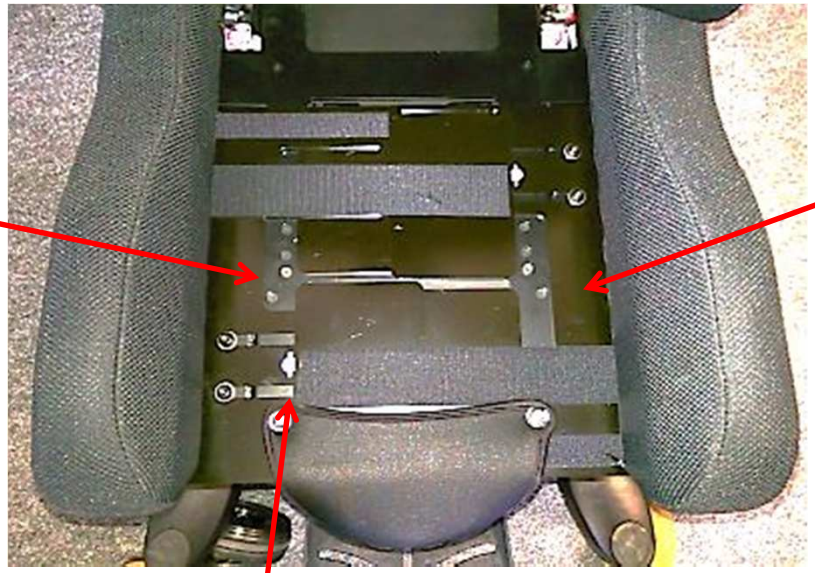
Side Rail to carry side cushion and knee supports

Spring loaded Release latch

Pivot bolt

SEAT FUNCTIONALITY

- Seat/Back width adjustment range 40cm to 56cm

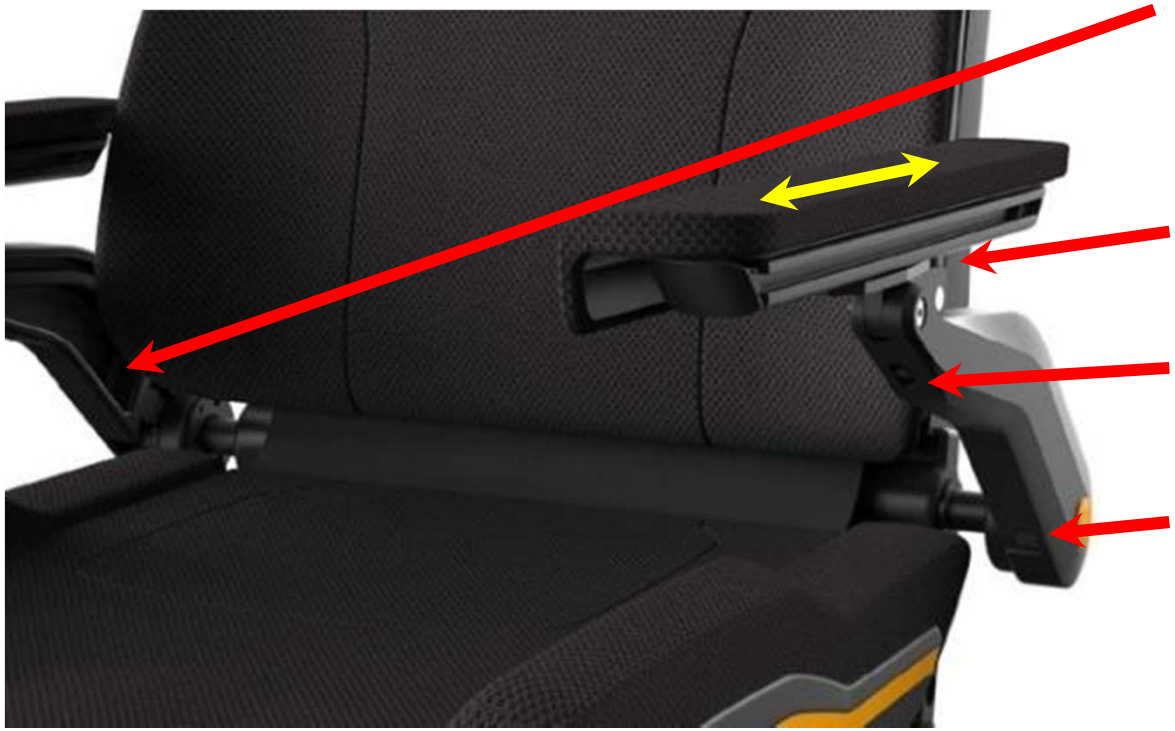


SEAT FUNCTIONALITY

- Simple and effective armrest design
- Always with integrated recline function
- Always with flip back functionality
- 51, 56 and 61 cm backrest height

SEAT FUNCTIONALITY

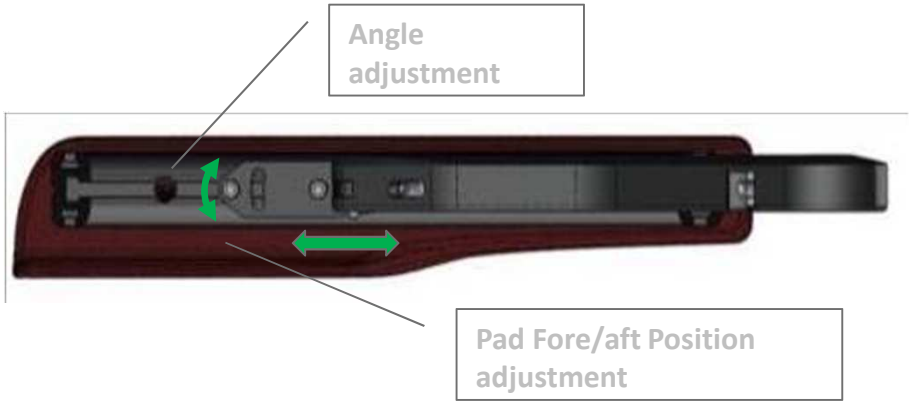
- Complete armrest adjustment can be done with a 5mm Allen key integrated into the inner armrest cover

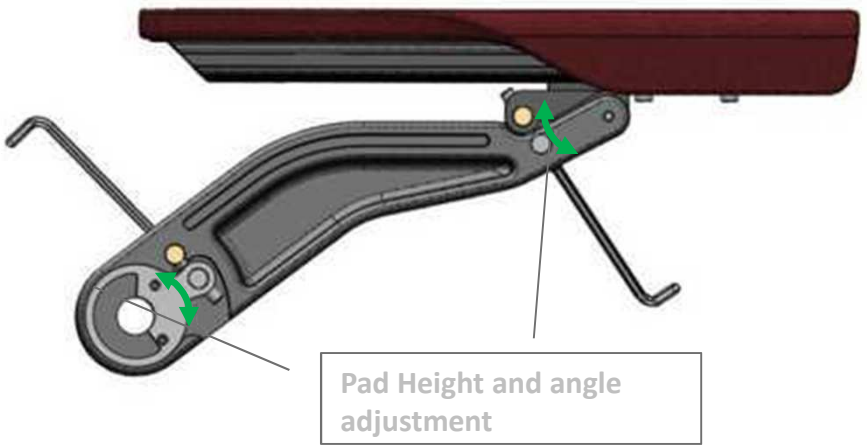


- Tool pocket
- Arm pad length adjustment
- Arm pad angle
- Arm rest angle

SEAT FUNCTIONALITY

- Armrest adjustment





SEAT FUNCTIONALITY

- Armrest width adjustment can also be done with the 5mm Allen key integrated into the inner armrest cover

- Release the bolts and adjust the width.
- The position is shown with marks around the adjustment tubes

SEAT FUNCTIONALITY

- Seat depth setting range 40cm to 56cm

Most simple and fastest seat depth setting of a complex Rehab chair in the industry. No readjustment of armrest or backrest angle required when seat depth changes. Open 2 bolts on each side of the seat rail and adjust the depth

SEAT FUNCTIONALITY

- New capsulated parallel s/a mechanism

SEAT FUNCTIONALITY

- Integrated track system for individual simple attachments available at PCML, Backrest, seat pan, armrest

SEAT FUNCTIONALITY

- Multi-adjustable and lift off headrest

SEAT FUNCTIONALITY

- Simple integration of alternative custom seat/back cushion systems

Quickies R-Net Control System

Trajectory Seat Memory process:

- Recline with leg rest operation towards the lie-down process
- From lie-down to seating the **enhanced recline function** will operate automatically the seat tilt upwards in coordination with the recline up direction to prevent the user from being pushed out of the chair. Trigger angles for this function are free programmable
- **The trajectory Memory function** drives the seat into an intermediate position before it reaches the final seating position. The intermediate position can be any of the memory positions available.
- The seat will stop in the custom programmed seat position

Step 1:
4 actuator operation out of the lie-down position

Step 2:
User seated in programmable tilt angle

Step 3: Back to final position

Quickies R-Net Control System

Automatic caster lock system:

- Whenever the seat is moved into a position where balance can get critical and automated caster lock system is moved in to stabilize the chair.
- The caster lock is triggert by a certain backrest or tilt angle or when the lift function is operated.
- The availability of the caster lock system as standard in the Jive M2 SEDEO Ergo allows a higher creep speed due to this added safety feature.

NEW SEAT FUNCTIONALITY

- New optional Colour Joystick with HD display
- 2 integrated 3,5 mm Jack Sockets

https://www.youtube.com/watch?v=KKCEXAi7WEs

NEW SEAT FUNCTIONALITY

- New optional 5-Switch Box with free programmable Assignable Buttons and integrated USB charger port for mobile devices
- Available as toggle or button version

https://www.youtube.com/watch?v=d9KQFaQz8gU

NEW SEAT FUNCTIONALITY

LED Code information for the CTRL+5 box

New R-Net Control System

- New programmable **DualPro** Head array
- Proximity **AND** proportional input

https://www.youtube.com/watch?v=ZVNamns6PZg&list=PL2A1FF4E89410A259&index=15

New CxR R-Net Control System

Memory Seat

- The Jive M2 SEDEO Ergo can be used when a special repeatable seat function is required
- Examples for that are: Pressure relief, bed to chair transfer, toileting, spasm prevention, etc.
- If required, Memory functions can simply be switched off or on through the Memory button or the PC software.

CxR R-Net Control System Functionality

Memory Seat

- Each of the memory position can be reached out of any position
- Memory positions can be reached by the press of a single button through our unique “assignable button” function
- Simplest way of programming a memory seat function in a power wheelchair in the industry.

CxR R-Net Control System Functionality

Memory Seat

CxR R-Net Control System Functionality

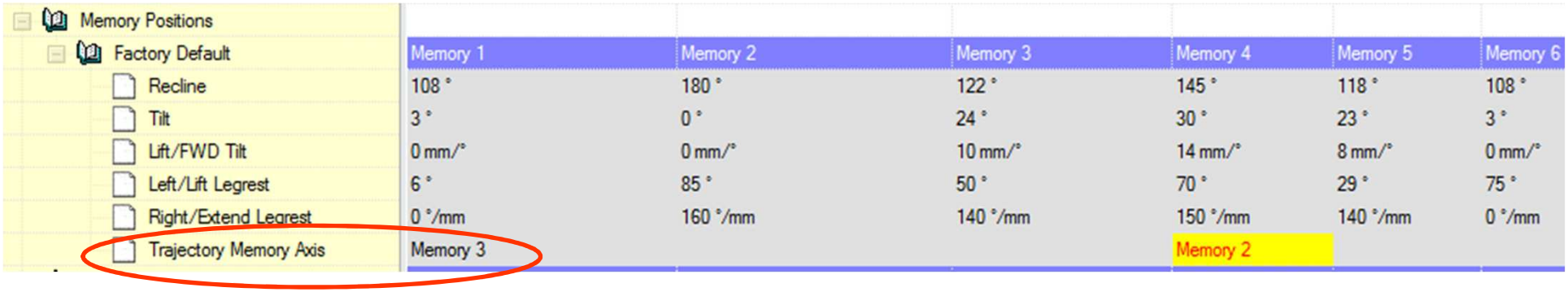
Memory Programming

- Adjust the seat position by using the single actuator movements to suit the client clinical or comfort needs.
- Select a memory position on the LCD display screen that shall be programmed
- Press and hold the memory button and then pull the Joystick backwards and hold for 3 seconds. A beep will confirm the new stored memory position.
- Release Joystick and then the button.
- To delete a memory position back to factory setting, select the memory position until it appears in the LCD screen.
- Press and hold the memory button and then pull the Joystick backwards and hold for 6 seconds. A beep will confirm the reset to factory memory position.
- Release Joystick and then the button.

New CxR R-Net Control System Functionality

Trajectory Programming

- The Seat Control System incorporates a programmable **Trajectory** function, which allows the user to move the seat into a pre-position before the final end memory position is reached.
- The trajectory position can be any of the 6 memory positions that uses the factory presets, or the customized position settings
- To enable the trajectory function, the memory position that needs to be reached before the final end position, needs to be set under the memory function with the PC programmer.
- It is important, that the movement into the final position is done in one sequence as otherwise the seat will always move again into the trajectory position first

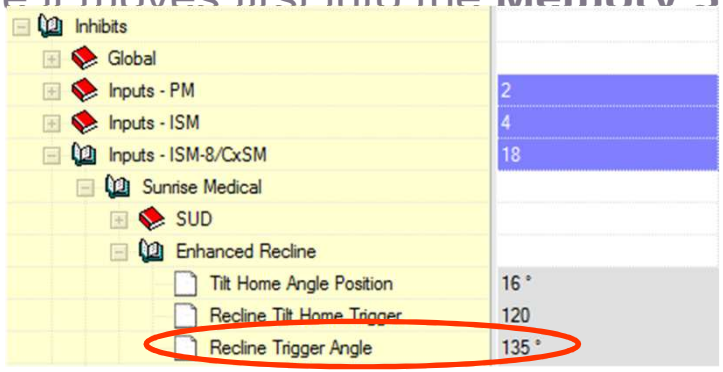


Memory Positions / Factory Default	Memory 1	Memory 2	Memory 3	Memory 4	Memory 5	Memory 6
Recline	108 °	180 °	122 °	145 °	118 °	108 °
Tilt	3 °	0 °	24 °	30 °	23 °	3 °
Lift/FWD Tilt	0 mm/°	0 mm/°	10 mm/°	14 mm/°	8 mm/°	0 mm/°
Left/Lift Legrest	6 °	85 °	50 °	70 °	29 °	75 °
Right/Extend Legrest	0 °/mm	160 °/mm	140 °/mm	150 °/mm	140 °/mm	0 °/mm
Trajectory Memory Axis	Memory 3			Memory 2		

New CxR R-Net Control System Functionality

Trajectory Programming Memory 1 Axis

- In the **Memory Positions** section the “Trajectory Memory Axis” defines into which Memory Axis the seat moves before the final position is reached.
- The Memory 1 Position is in this case a bit special as the **Memory 1** defines the **Seating** Position. If a trajectory position is enabled, the trajectory function is triggered by the recline angle setting in the Enhanced recline Settings.
- If the actual recline angle is below the set value the seat moves its regular way back to the seating position, but if the recline angle is bigger that the set value it moves first into the **Memory 5** and then into **Memory 1** position

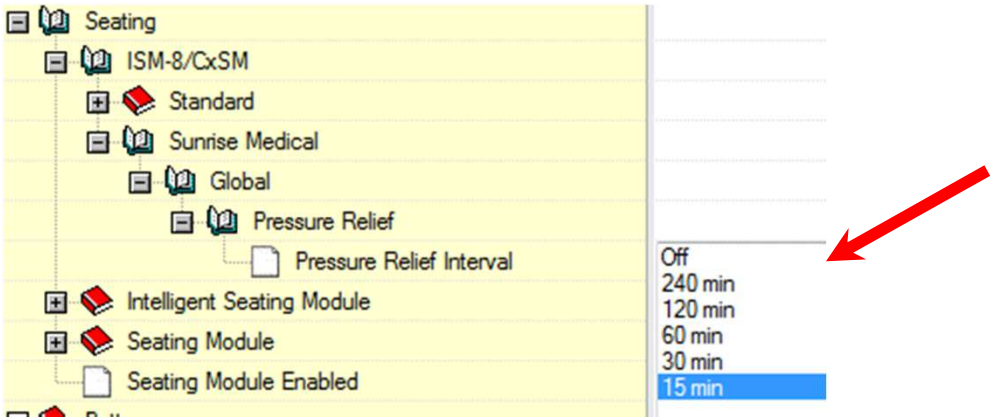


New CxR R-Net Control System Functionality

Pressure relief Timer Programming

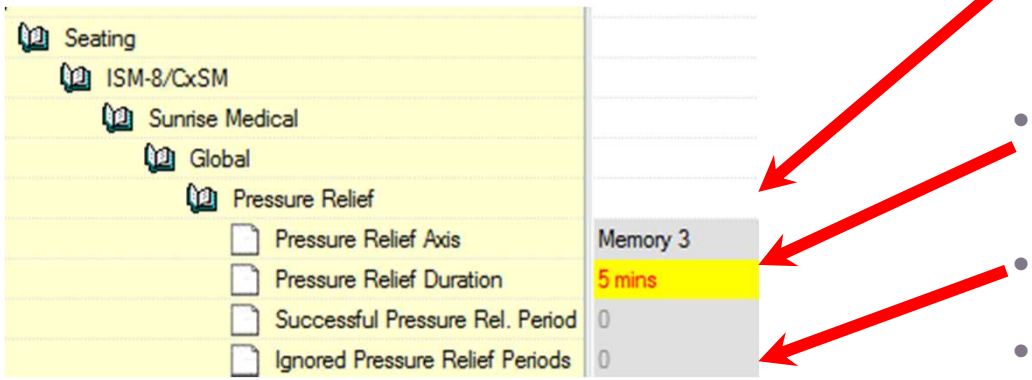
- Within the CxSM exists a build in programmable timer that operates as a reminder for users in need for continues pressure relief procedures.
- This time can be activated to remind the user to move to a therapeutical preset **Memory Position.**
- Any ignored reminder is logged in the CxSM memory.
- Any successful pressure relief duration is also logged in the CxSM.
- Timer activation and programming can only be initiated with a PC programmer.

CxR R-Net Control System



Seat Timer Programming

- Activation and timer settings of the audible signal



- Memory axis that is specified for the pressure relief position
- Recommended Pressure relief duration
- Counter
- Delete counter by selecting the pressure relief axis, press and hold the seat memory programming button and push the JS forward until a beep appears.

Thank you