



SX Surface eXtending cotsides and Split-Scoop extreme bariatric patient surface extension kit



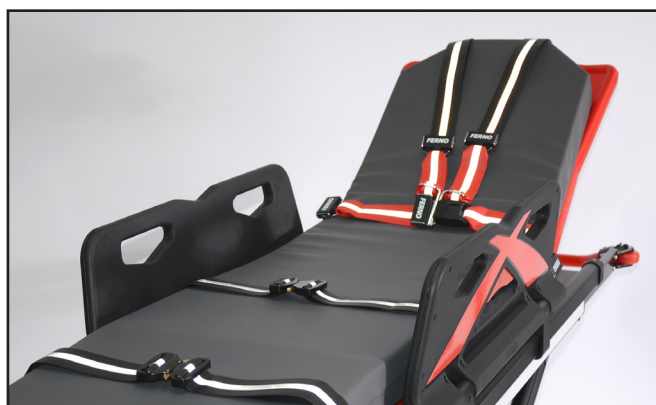
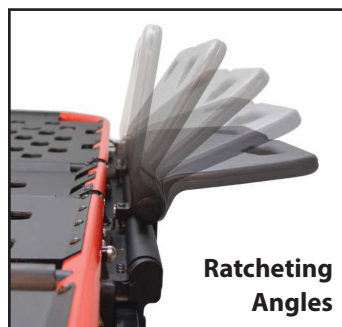
SX SURFACE EXTENDING COTSIDES

6.27 - Surface eXtending (SX) Cotsides

The SX Surface eXtending cotsides attach to the siderail interface of POWERX and iNX and serve as ratcheting cotsides for the trolley and can also be used as a patient Surface Xtender for patients with larger body mass when moved to the horizontal position.

The SX cotsides have 3 ratchet positions plus near vertical, near horizontal and fully down, 6 positions in total.

The ratchet position angles from horizontal are 10°, 27.5°, 45°, 62.5° and 80°.



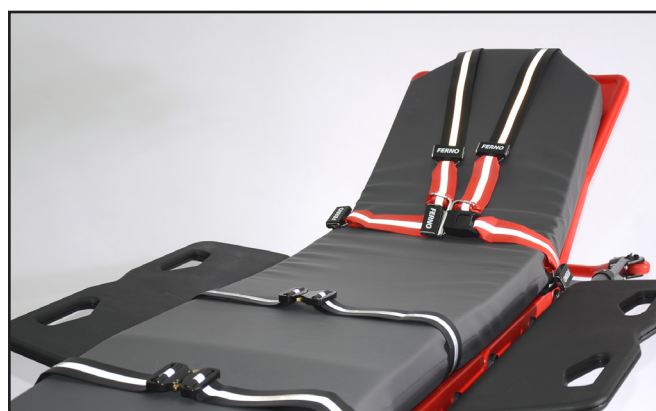
SX cotsides in near-vertical position - (10°)



SX cotsides ratchet position 3 - (62.5°)



SX cotsides ratchet position 1 - (27.5°)



SX cotsides in near-horizontal position - (80°)



SX cotsides ratchet position 2 - (45°)



SX cotsides folded fully down

SX SURFACE EXTENDING COTSIDES

6.28 - Adjusting Optional SX cotsides

The SX cotsides can be easily moved to the various ratchet angles by use of the red cotside release lever, which is located in the centre of the cotside, directly underneath the red "X" graphic.



SX cotside release lever

Whilst holding the top of cotside, grip and squeeze the red release lever upwards.



Squeeze the release lever

Keeping the release lever held, push the cotside slightly forward, then back towards you until you reach the position required, then move back up slightly to lock the cotside at that ratchet position. A click will be heard when the cotside locks into place.



Moving the SX cotside to the required position

Alternatively the SX cotside can be moved fully down, and then after releasing the red handle, move the cotside back up to the required position. As the cotside is moved up a click can be heard as it goes past each ratchet position. Once at the required position, and clicked in place, pull the cotside back down again to ensure it is indeed locked in place.



Moving SX cotside whilst depressing lever



Bring SX cotside past horizontal



Release lever and move SX cotside back up to required position

SX SURFACE EXTENDING COTSIDES

6.29 - SX cotside positioning for patient transfer

The SX cotsides can be easily moved fully down for transfer of patient on and off the trolley simply by depressing the red release handle and moving the cotside fully down.



Squeeze the release lever



Move the cotside fully down



SX cotside fully down

6.30 - Using optional SX cotsides for Bariatric transfers

When in the horizontal position, the Surface Xtenders create an extended patient surface to accommodate larger mass patients and are designed to support the extremities of the patient's body.

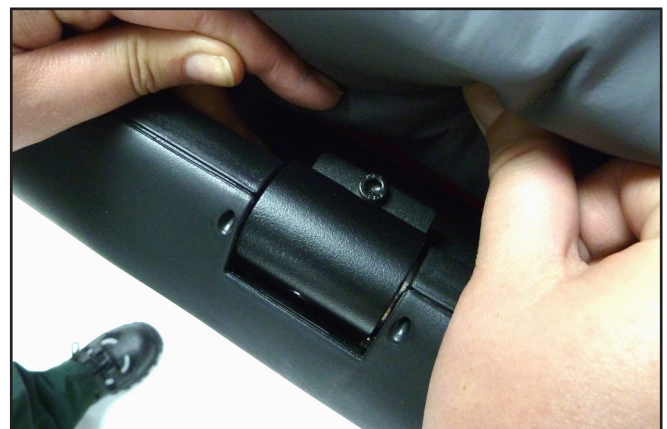


Load-bearing SX cotsides extended patient surface

Note that when carrying out a lateral transfer to or from the trolley, the SX cotside on the side of the trolley the patient is to be moved must be moved fully down prior to transferring the patient. SX cotsides are load-bearing but are not designed to take the full weight of the patient whilst lateral transfer is being performed.

6.31 - Fixing of the SX cotsides

The SX cotsides are fixed to the trolley onto the siderail interface and are fixed by a clamp bolted around the interface rail of which an M5 size Allen key is required.



Fixing point of SX Surface Xtenders



For more information on the SX ratcheting cotsides, please also refer to the SX Surface Xtenders User Manual, reference 00334-AU*UK, which is available from Ferno.

SX SURFACE EXTENDING COTSIDES

6.32 - Positioning of Optional SX cotsides

The Surface Xtender cotsides normal positioning on POWERX is such that the head-end side of the cotside is in line with the backrest pivot point.

The SX cotsides can be positioned according to individual patient's needs, for example in a planned bariatric transfer where more support is required near the legs, the SX cotside can be moved further down the trolley.

For further details on fitting, positioning and operation of the Surface Xtender cotsides, refer to the SX user manual, ref 00334-AU*UK.



SX cotsides standard position



SX cotside furthest towards head-end



SX cotside furthest towards foot-end



2 SX cotsides fitted for greater patient surface

6.33 Lateral cotsides (Option)

Available as a basic specification alternative option to the SX cotsides are the Lateral cotsides. These attach to the trolley in the same way as SX cotsides, but are a simple folding cotside which folds parallel to the trolley side, allowing to be folded down when moving patient on or off the trolley, and raised a locked in place when patient is present on the trolley. To lower the cotside, squeeze the lever on the underside of the cotside top bar and push the cotside downwards and towards the foot-end



6.34 - Split-Scoop Large Patient Surface (Option)

Also available is a fixing kit which allows a standard Scoop EXL to be attached to the POWERX, the Scoop split in 2 halves with one half attached to each side, giving a full-length extended patient surface for the transportation of larger-size bariatric patients. For improved patient comfort and tissue viability the Split-Scoop module can also be used in combination with optional inflatable side pads.



SPLIT-SCOOP BARIATRIC PATIENT SURFACE EXTENSION KIT

6.34 - Attaching Optional Split-Scoop fixing kit

The large patient-surface (LPS) fixing kit consists of 6 components; 2 short LPS fixing brackets, 2 longer LPS fixing brackets and 2 extension fixing poles.



To attach the Scoop to POWERX, first ensure that SX cotsides are placed in the fully-down position on both sides of the stretcher.



SX cotsides moved to fully-down position

At the foot-end of the trolley, place one of the longer LPS brackets onto the upper profile of the siderail interface that runs along the length of both sides of the trolley (refer to section 6.14). Make sure, in the same way as with attaching an IV pole or any other accessory, that the grip profile part of the bracket is behind and underneath the recess on the back-side of the siderail interface. Position it as far towards the foot-end as possible on the siderail.



Attaching fixing bracket to siderail interface

Once the bracket is located in the siderail interface, push the red handle down fully to lock the bracket in place. Ensure that the handle is fully down and clicked in place, confirming that the bracket is firmly locked by trying to lift the bracket slightly.



Lock the bracket in place by pressing down on the red locking handle

Repeat the process at the head-end of the trolley with one of the shorter fixing brackets, then repeat the process both foot-end and head-end on the other side of the trolley such that all 4 brackets are attached.

Next split the Scoop EXL into 2 halves by opening the TSL locks at the head-end and foot-end of the Scoop.

Lay each of the 2 halves of the Scoop over the fixing brackets attached to the trolley.

Note the orientation of the Scoop should be such that foot-end of the Scoop is at the head-end of the trolley and the head-end of the Scoop at the foot-end, as per the below picture.



Two halves of Scoop laid on top of fixing brackets

SPLIT-SCOOP BARIATRIC PATIENT SURFACE EXTENSION KIT

6.34 - Attaching Optional Split-Scoop fixing kit (cont...)

The Split-Scoop half-sections may need extending in length and may need to be re-positioned along the length of the trolley such that the locking arms on the brackets correctly line up with the hand-hold holes in the sides of the Scoop.

Ensuring that the fins of the Scoop are held into the fin holders on each of the fixing brackets and that the locking arms are still sat correctly in the hand-hold holes of the Scoop, re-attach the head-end of the 2 Scoop halves using the second TSL extension pole.



Fixing bracket locking device



Ensure Scoop fins are under the holding plates



Ensure Scoop hand-hold holes line up with locking arms on fixing brackets



Ensure Scoop locking devices are lined up with hand-hold holes

Once positioned correctly, connect the two halves of the Scoop together at the foot-end using one of the TSL extension poles, which have TSL locks at each end of the pole.



Re-connect Scoop at head- end with a TSL extension pole

6 - OPERATING THE TROLLEY FEATURES

6.34 - Attaching Optional Split-Scoop fixing kit (cont...)

Once the 2 sections of the Scoop have been attached together, the Scoop then needs to be locked onto the POWERX frame. Under each fixing bracket locking arm there is a red lever



Locking arm red lever



Locking arm unlocked

Start to rotate and raise the lever such that the locking arm starts to protrude through the hand-hold hole on the Scoop.



Continue to twist the lever until the top of the locking device is holding against the body of the Scoop.



Locking device holding against the Scoop body

Repeat this for all 4 fixing brackets, ensuring that each is fully locked in place, visibly checking the position of the levers underneath, which should be fully up. At the head-end the locking arms should be holding the outer edge of the Scoop. Double-check that all are indeed locked by trying to lift or move the Scoop up by hand. The Scoop should remain in place.



Locking device lever in full up position, locked

IMPORTANT BEFORE USING: Re-check all 4 locking levers on the fixing brackets to make sure they are fully down and that the fixing arms are securely locked to the trolley siderail interface.

Recheck the Scoop to ensure it is firmly locked in place.

Raise and lower the trolley to ensure there is no contact with the Scoop or obstruction hindering movement.

Check backrest and leg platform movement to ensure there is no infringement by the Scoop. If there is, move and/or extend the Scoop so that it no longer interferes.

Note that when using the Split-Scoop module the Scoop sides **MUST** be supported underneath when moving a patient on/off the trolley to ensure there is no imbalance of trolley and should always be carried out with the trolley in the lowest possible position.