



Operation and Maintenance Manual NT-880TSS NODIN Tiltable Stretcher Stand



The NODIN Tiltable Stretcher Stand (TSS) is developed to facilitate positioning the stretcher patient in different angles. By using the appropriate angle the medical provider may improve access during surgery, prevent shock, relieve pain or breathing for the patient or increase the effect of auto transfusion.

The TSS is designed to facilitate and secure any NATO STANAG 2040 compliant stretchers and allows medical providers to angle patients according to their needs without having to reposition them from the field stretcher onto a specialized Trendelenburg surgical table.

The TSS is expected to be primarily used in temporary examination and surgical field operated assessment/emergency rooms like for instance Casualty Staging Units and Field Hospitals.



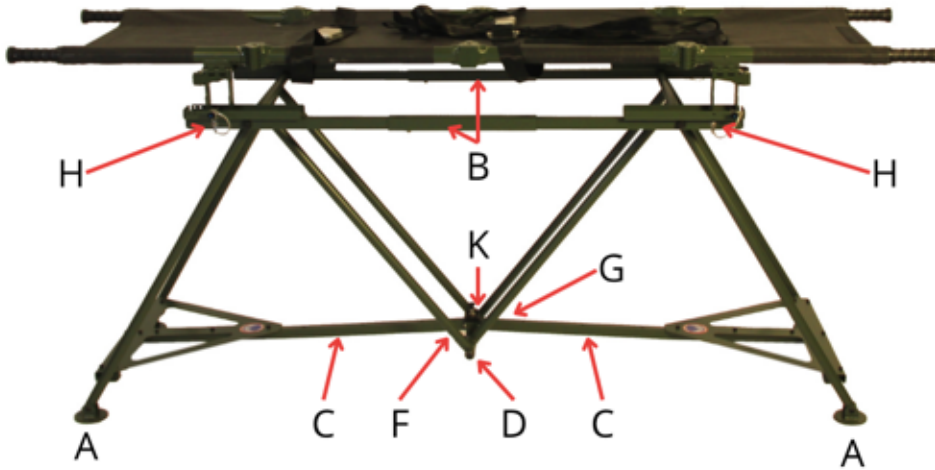
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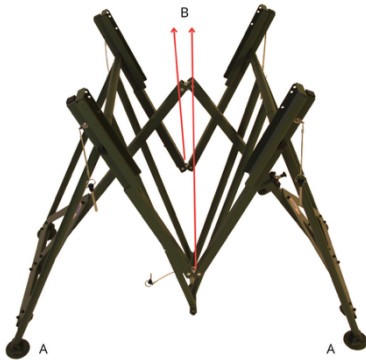
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Components

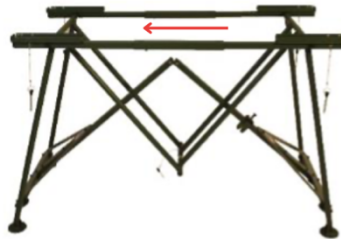


- A Supports
- B Upper hinge
- C Longitudinal Hinged Bar Lower
- D Connection Tube
- F Quick Release Pin
- G Slider
- H Quick Release Pin
- K Index Plunger

Mounting procedure:



1) Separate the Supports (A) and pull up the Upper Hinges (B)...



2) ...to a straight position and slide the telescopic profile to the center to lock the hinge.



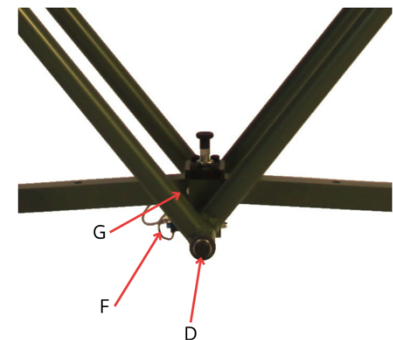
3) The telescopic slider is locked in "open" and "closed" position by a spring-loaded push to release button (1)



4) Lift one side of the TSS and push down the Longitudinal Hinged Bar (C)



5) Push the Longitudinal Hinged Bar (C) down to the Lower Connection Tube (D)



6) Connect the Position Slider (G) onto the Lower Connection Tube (D) and Insert Quick Release Pin (F) to fasten Slider (G) – to operate see image 9

Loading Stretcher:



7) Ready for loading the Stretcher Patient

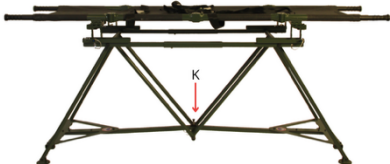


8) Secure all 4 stretcher supports/legs using the Quick Release Pins (H)



9) a: Push blue button to insert
b: Push and pull to remove

Adjusting/Changing Angle:



1) Pull up the Index Plunger (K) and change angle by lowering to the desired stretcher position.



2) The Index Plunger (K) is spring-loaded and will automatically stop at the next positioning-hold and must be released for each new position.



3) Maximum left tilt/angle

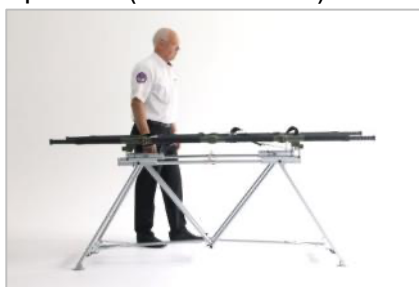
Securing stretcher patient when adjusting angle:

NOTE: Always be two (2) persons when tilting/angling a stretcher patient:

- one to pull the Index Plunger (K) and ...
- one to secure the stretcher patient (...lift or lower)



1) When adjusting angle **always be positioned at the lower end** of the stretcher



2) Angling from left to right always **stop at horizontal level** and change position to secure



3) **Always be on the lowest end of the stretcher to control the descent or the ascent**



Folding the TSS for storage:



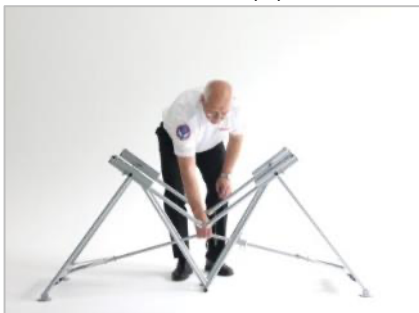
1) Remove the Quick Release Pin (F) on the Position Slider (G)



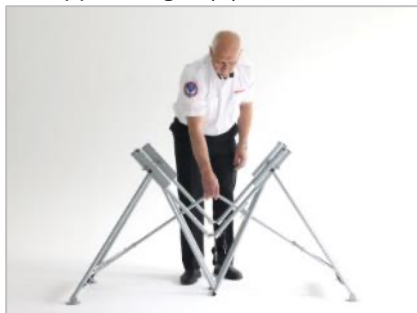
2) Release the telescopic shutter on the Upper Hinges (B) and fold down



3) Position the Slider (G) away from centre



4) Pull up the Longitudinal Bar (C) and fold the TSS for storing.



5) continue to pull....



6) ... until completely folded ...

Maintenance

- Inspect the Tilttable Stretcher Stand for damages and cracks prior to use.
- Check the Index Plunger for safe operation prior to using the TSS.
- After use, make sure the TSS is clean and dry before folding and storage.
- Clean with water and mild detergent.
- Any dirt and/or bodily fluids must be removed and the area disinfected prior to reuse.

No other maintenance is required.

Repair:

- If cracks are found - do not use the TSS until the damage have been repaired
- If one Quick Release Pin (H) is missing, damaged or not functioning properly – the TSS may be used with caution, but if two or more QRPs are missing, damaged or not functioning properly one should not use the TSS until the QRP(s) are replaced.
- If the Index Plunger is not working properly – do NOT use the TSS until the Index plunger has been replaced or an adequate replacement solution.

Storage:

All components should be stored in a dry area to optimize the lifetime of the components and to assure the readiness for use.

Make sure to clean and dry the Tilttable Stretcher Stand prior to placing it in a storage box.