HEAVY EQUIPMENT JACKS

OPERATOR'S MANUAL

STT100-2-**

100 TONNE FIXED HEIGHT FLOOR STAND AND EXTENSION DOLLY SYSTEM

Serial Number:

Scorpion Jacks International
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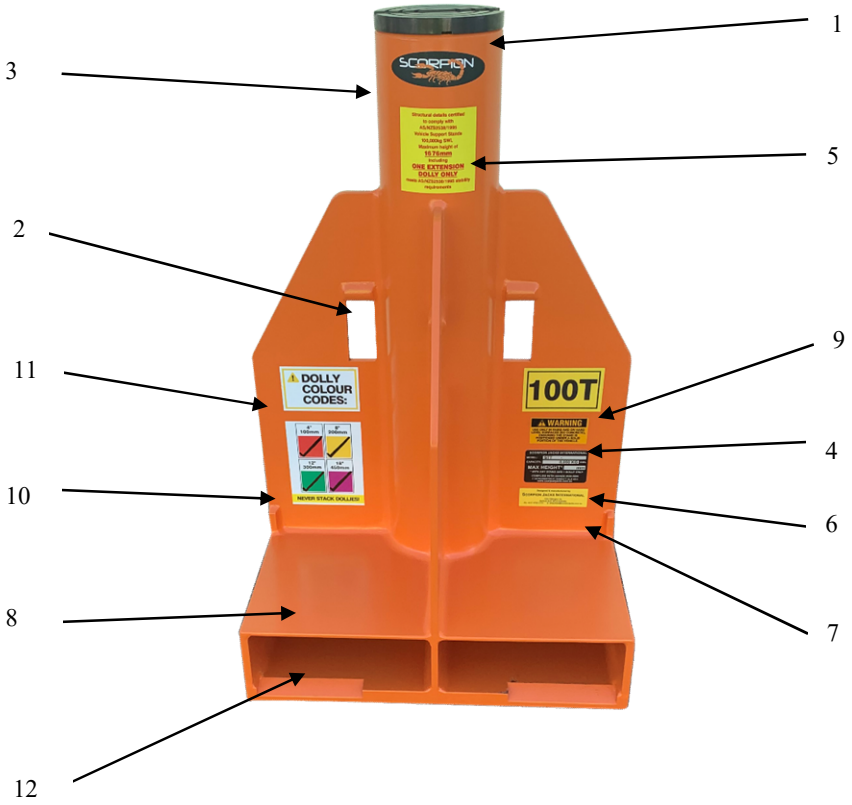
STT100-2-...



1	Load Cap
2	Transport Trunnion
3	Logo Sticker
4	Warning Sticker
5	Compliance Sticker
6	Compliance Plate
7	Manufacturers I.D. Sticker
8	Part No. & Capacity Hard Stamping
9	High Vis Tonnage Sticker
10	Dolly Colour Code Sticker
11	Dolly Colour Code Header
12	Pallet Jack / Forklift Lift Pockets

Specifications

Capacity	100 tonnes
Max. Certified Height	1676mm (66”) with Standard Flat Cap
Base Plate Dimensions	574mm (22.5”) x 574mm (22.5”)
Column Material	CDS Tube
Stand Heights	914,1220,1473mm (36,48,58”)
Extension Dolly Heights	100, 200, 300, 450mm (4,8,12,18”)
Standard Compliance	AS/NZS2538:2004

Safe Operating Procedures

- Visual Check. Check the stand for obvious signs of damage prior to use.

- To move this floor stand, first adjust the handle, on the hand truck (optional, but recommended accessory) using the Turnbuckle, to a convenient height for the operator.

- Lift the handle of the handtruck to lower the engagement surface to below the level of the trunnion pins on the selected stand.

- Roll the handtruck forward until the engagement surface has passed under the trunnion pins of the selected stand and then by pushing down on the handle, the stand will be lifted clear of the floor for easy movement.

- Other methods of movement are subject to on-site safety assessments by the relative site authority.

- Select a solid level area on which to place the stand. Position the stand using the correct load cap, **(1)** or extension dolly for the job. **Failure to use a load cap will result in non-compliance to Australian Standard AS/NZS2538:2004, and create an unsafe workplace situation.**

- **Stands should only be used in pairs**

- Ensure the dolly or load cap can not slip on the surface to be supported.

- **The use of specialty clevis caps can make stands very top heavy.**

  For safe transportation it is recommended that:

  A) the clevis cap be fitted once the stand is in place, or
  B) is moved with a narrow tyne pallet jack or a forklift. An I.D. sticker on the cap also advises of this.

CAUTION:

DO NOT STACK DOLLIES. Scorpion Jacks International has designed their range with the intention that only one dolly be used at a time with a stand. SJI believes this represents the highest level of safety achievable whilst supporting a load.

Stand and Dolly Selection – 100T

- Scorpion Jacks manufactures a range of fixed-height floor stands, in varying heights, which feature a common size base plate. With the use of various dolly sizes, height adjustment can be achieved for specific applications.

- The maximum permitted height that any Scorpion Jacks 100t stand (and dolly) can achieve is 1676mm (66”). With a standard flat cap.

- Accordingly, the STT100-58 stands are restricted in the range of dollies that can be used in order not to exceed the maximum permitted safe working height. (ie 58” stand + 18” dolly = 76”, which exceeds 66” maximum permitted height; therefore, 8” dolly is the maximum height dolly permitted with this stand.)

- Maximum dolly height for stands is listed below*:
- 58” stand – 8” dolly

- *These stands feature a large notice sticker advising of the maximum dolly height permitted for use with that particular stand.

- To further assist with dolly selection, colour-coded striped stickers have been added to the base of all extensions

- The dolly handles have also been painted blue to identify them for use with 100T stands only.

- These colours are referenced against a colour code chart on the stand itself (see above image).

- If the colour is ticked on the stand, the dolly is permitted for use with that stand height.

- For 48” stands and below, <u>any</u> extension dolly from the Scorpion range can be used without exceeding the maximum permitted safe working height.

- Some specialty caps will increase the maximum permitted working height of a stand and extension combo. If unsure, contact Scorpion Jacks for further information.

Maintenance

- Visual Check of structural integrity. Damage can occur through misuse, always check your stands prior to use. Areas to review are:
- **Load Cap**. Over time will "bruise" through use. Ensure the load cap is still able to retain a 100mm bar at 5 5-degree orientation from perpendicular.
- **Base Plate**. If used on soft surfaces for prolonged periods, the base plate can "cup", bowing in the middle and reducing the surface contact area of the base plate. If this occurs, immediately remove the stands from use and return to Scorpion Jacks for further assessment.
- **Gussets**. Can be subject to external damage from the workplace
- **Support Column**. Can be subject to external damage from the workplace
- Replace Sticker/I.D. kits as required.
- Ensure tyre pressure is maintained at 60 PSI on the optional hand-truck.
- Ensure the turnbuckle is greased on the hand-truck.
- Grease the optional tilting load caps every 6 months or as required.
- Ensure base plate is free of dirt and mud, paying particular attention to the area of the base plate which is stamped with the stands part number of SWL.

Assembly

Stands are transported in enclosed wooden cases (where possible) with the load cap and extension dollies included. Once goods are unpacked, ensure the load cap is replaced onto the top of the stand.

Hand trucks are freighted with their handles folded up. Refit by removing pins A, positioning the turnbuckle, and refit pin. Adjust the handle to suit the operator once this has been completed.

SCORPION JACKS INTERNATIONAL

WARRANTY

Scorpion Jacks International guarantees for 12 months from date of purchase, to correct by repair of parts replacement, without charge, any defects arising from faulty workmanship or material. A Scorpion Floor Stand or Extension dolly subject to claim under this guarantee should be returned as a complete unit to Scorpion Jacks International, Iona Road, Home Hill Qld 4806, Australia.

The Scorpions Jacks International Warranty set forth in the previous paragraph above does not apply…

- To any defect of failure attributable to accident, misuse, abuse, negligence, or non-observance of local regulations on the part of the user.
- If the Stand/Extension Dolly has been serviced by a person not authorised by Scorpion Jacks International to do so, or with non-approved parts.
- To freight costs to and from Scorpion Jacks International.

WARNING

While Scorpion Jacks International believes our Scorpion Jacks are amongst the safest built worldwide, *all normally accepted work and safety practices must be followed.*