

# TL22054 STAND/LIFTER

## Safety and Operating Instructions



### **Capacity – with Truss Adaptor Fitted**

Minimum Lifting Height: 2.06mtrs  
Maximum Lifting Height – 5.4mtrs  
Minimum Load: 20kgs  
Maximum Live Load: 200kgs

### **What is Supplied:**

1 x TL22054 Lifter/Stand  
1 x Truss Adaptor - Mounting Width: 270-540mm  
1 x "Safety and Operating Instructions" Manual



Thank you for purchasing this product from AVANT Stands, Truss and Rigging.

**Please read, carefully, the following safety and operating instructions before use.**

**Proudly Australian Owned**

# **TL22054 STAND/LIFTER**

## **Features:**

- Tested, in Australia, and Compliant to **AS 1418.2**
- High Quality Construction
- 200kg Moving (Live) Load Capacity
- Stress Tested to 800kg (Dead) Load
- Cable Winch Lifting Mechanism Design
- Auto-Engage Reverse Brake.
- Spring-Loaded, Auto-Locking Safety Pins on each Telescopic Section
- Built-in Spirit Level
- Removable Crank Handle
- 4 x Fold-Out Riggers, with Level Adjustment
- 8 x Caster Wheels
- Satin Black/Chrome Finish
- Including Truss adaptor to suit 290mm to 390mm (50mm tube diameter) Truss Systems
- Ingress Rating: IPX4

## **Weights and Dims:**

- Collapsed Length (mm): 1900
- Usable Height (mm): 1900-5400
- Base Length (Max Usable floor space): 213cm x 213cm
- Packed Dims (cm): 50cm x 61cm x 193.5cm
- Packed Weight including Truss Adaptor: 118.1kg
- Stand Net Weight: 100kg
- Adapter Net Weight: 4.8kg

## **Test and Evaluation**

This product has been tested and evaluated, to be compliant to requirements of AS 1418.2 “Cranes (including Hoists and Winches) Part 2: Serial Hoists and Winches” – 1997. Tests included durability, overload and maximum load tests along with visual inspection of the wire rope and dimensional assessment of the winch. Test and evaluation were carried out, and completed, in Melbourne, Australia on the 28 February 2014. Correlation/Report No.: 4943-3825/3

## **Compliance:**

The winding mechanism and structural components of the stand, and it’s accessories, are deemed to comply with the requirements of AS 1418.2 section 1.11.3 (a), AS 1418.2 section 1.11.3 (b) and AS 1418.2 section 1.11.3 (c)

## **Safety**

This product must be operated, by trained personnel only, according to the guidelines outlined below. Failure to comply with these guidelines may result in injury or death.

# TL22054 STAND/LIFTER

## Operating Instructions and Guidelines

Please Note: The operator of this unit must observe, and comply, with all Australian safety procedures relating to the operation and implementation of this lifting and supporting apparatus.

1. Maximum Live Lifting Load: 200kg
2. Visual inspection of all moving parts to be carried out before each operation and logged.
3. Inspection of the wire rope is to be undertaken, prior to every use, to check for wear. If there are signs of wear, or fraying, the wire rope needs to be replaced before use. Checks for lubrication of the mating gears and pawl section to be performed at the same time.
4. A Open Gear Lubricant that is resistance to water washout and spray-off, has excellent adhesion to the gears and is rated for load-carrying capability to protect against friction and wear, must be utilized for lubricating the gears. **DO NOT USE** Lubricants on the wire rope
5. An inspection and maintenance record must be kept Indicating the date and time of inspection, person carrying out the inspection and maintenance performed. An operating record must be kept Indicating the date, time and location of operation and load details.
6. Observe all labelling instructions and guidelines.
7. While operating the handle Do Not stand in line with the winch cable. Stand on the same side as the handle.
8. Only use genuine accessories and replacement parts.
9. Do Not Use with full load, at full height, without additional lateral support.
10. Do Not Use outdoors, on unstable ground or in windy conditions without additional lateral support.
11. Do Not raise telescopic section without a load. A minimum of 20kg load, including Truss Adaptor, must be loaded when raising and lowering the telescopic sections.
12. When raising the telescopic sections, attention must be paid to the warning labels indicating the proximity to full extension.
13. When raising a full load, a winding speed in the order of no more than 1 revolution per second in both directions, is to be observed. The winch is not to be used for more than three full cycles, raising or lowering, before being allowed to rest for a minimum of 10 minutes, to prevent overheating of the friction mechanism.
14. When using as a stand the safety locking pins **MUST BE ENGAGED** for each telescopic section. Disengage the spigot, and loosen the locking pins before raising or lowering.
15. When the "MAXIMUM LIFT" label is reached, winding of the winch must stop immediately. Any further lifting may cause damage to the winch mechanism.
16. The spirit level fitted to the unit is only a rough guide. A separate level must be used to assess vertical integrity of the stand.
17. Load must be supported by the stand legs. No load is to be supported by the casters,
18. Load must be evenly balanced to the centre of the stand.