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Aluminium Access Products Ltd

***The only manufacturer
of Tallescopes***

**Guide to assembly, use & parts
for Models 50512, 50518 & 50524**

Modified to move with operative in cage

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Tallescope Aluminium Work Platform

WARNING NOTE

This manual gives instructions for correct assembly and safe use of the Tallescope alluminium work platform. The user is responsible for ensuring that the instruction manual is available on location to the operatives erecting and using the tower, and to the person supervising the work. The user shall also ensure that the operatives erecting the Tallescope are qualified or competent to do so.

DO NOT ABUSE EQUIPMENT ON WHICH YOUR SAFETY MAY DEPEND

ENSURE DOUBLE LOCK HOOKS AT BASE OF LADDER ARE SECURELY FASTENED



ENSURE LADDER LOCKING HOOKS ARE LOCATED



ADJUSTABLE LEG NEW STYLE



Adjustable Telescopic Legs

Six claws retain locking collar. Six cams in locking collar will close and release collar only by manual operation. Locking collar cannot be accidentally released. Knurled ring prevents legs being inverted thus ensuring adequate leg overlap at all times and provides simple micro levelling.

DO NOT USE ADJUSTABLE LEGS TO STRETCH PLATFORM HEIGHT

MAKE SURE THAT FOOT BRAKES ARE DOWN BEFORE MOUNTING TALLESCOPE

Maintenance Rules

Keep Tallescope clean. Adjustable legs must slide freely inside parent tubes and the threads of these legs must be free from foreign matter. Remove legs to clean with wire brush, oil leg locks, hooks and pivot points. Keep inside of hooks clean to engage mating tubes. If spring requires field replacement, drive out pivot pin, insert replacement spring, re-insert pin (see part number detail on Latched Safety Hook Assembly)

UNLOCK



Twist and raise collar to open threaded nut.
Micro adjusting ring.

LOCK - OLD STYLE



Lower collar to close threaded nut.

UNLOCKED



LOCKED



USE OF TALLESCOPES

These manufacturer's instructions are specifically applicable to Tallescopes used in indoor theatres & similar premises with horizontal (level) stages. For raked or sloping surfaces contact Aluminium Access Products Ltd.

1. A logbook shall be kept for each Tallescope.
2. At least two technicians working on the job shall have been fully trained by the manufacturer or competent training by a provider agreed with the manufacturer and carry proof of this training.
3. The Tallescope shall be inspected annually by the manufacturer or by an inspector approved by the manufacturer, repaired if needed by the manufacturer or his approved agent and be certified as in good working order.
4. A visual inspection shall be made before each use of the Tallescope. If there is found to be any fault, the Tallescope shall be taken out of service immediately, labelled as NOT TO BE USED, and the defect noted in the log book.
5. The Tallescope shall be erected and used in accordance with the manufacturer's instructions. If only two stabilisers (outriggers) are deployed, the Tallescope must not be moved with a person in the cage.
6. Four stabilisers (outriggers) shall be deployed at all times if it is intended to move the Tallescope with a person in the cage:
 - a) there shall be at least two technicians who have been trained (such as the technician in the cage and the supervisor). The letter 'M' on the training card will indicate that such training has taken place.
 - b) there shall be a supervisor who is not moving the Tallescope.
 - c) there shall be no obstructions along the route of movement at stage level or overhead.
 - d) the stabilisers (outriggers) must be locked off just above the floor (not more than 10mm above the floor).
 - e) the Tallescope must only be moved along its longest axis.
 - f) movement of the Tallescope shall be by pushing and pulling on the extended uprights on the base frames (trunions) and NOT on the diagonals.
 - g) the Tallescope shall only be moved slowly and smoothly (not more than 0.5m per second/ 1 mph).
 - h) the Tallescope must be moved by at least two people; the technician pushing the Tallescope must confirm that there are no hazards at stage level and the technician pulling the Tallescope must confirm that there are no overhead hazards.

- i) the technician in the cage must maintain a firm handhold whilst the Tallescope is being moved.
 - j) the technician in the cage shall instruct the technicians moving the Tallescope and the instructions acknowledged before moment occurs.
 - k) the castor brakes shall be applied before any work other than light work begins (light work is such as focussing luminaries; any work involving exertion or lateral pressure is not light work).
 - l) the details of each job and the personnel must be recorded in the log book and be signed off by the trained persons present.
7. It is the responsibility of the trained operatives to ensure that all assistants have had adequate information to enable them to carry out their responsibilities.
8. If an operative becomes incapacitated within the cage, he/she may not have the ability for self-rescue. There must therefore be a rescue plan agreed in advance for use in these circumstances.
9. For further information see Code of Practice for use of Tallescopes for working at height in theatres (ABTT 2014).

Safety Rules

- Make sure the surface is of sufficient strength to withstand the weight of the Tallescope and the operative
- Make sure the Tallescope is level by checking the fitted spirit level before climbing
- Ensure all castors are locked
- Check overhead and climb the Tallescope with both hands free and with suitable footwear
- Always extend the stabilizers (outriggers) to the maximum position and ensure the interlock clips are in the stabilizer (outrigger) extensions. Shortest base dimension is required to be one third of the platform height
- When using a structure, such as a wall, for stabilisers (outriggers) it must be 2/3rd of the height of the Tallescope platform
- Maximum platform load 115kg (one person)
- Retract the upper section(s) of ladder and ensure all equipment is removed from platform before tilting Tallescope back to horizontal position
- Never use a Tallescope which is damaged or incorrectly assembled. Don't force parts unless fitting freely
- The Tallescope must be stored so that unauthorised movement is prevented

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Assembly Instructions

Dismantles for storage and transit

1 Couple both base frame captive braces and lay centre telescopic unit (with cage uppermost) and auxiliary platform hooks between locator pins to aid portability when not required fully assembled.



4 LOCK CASTORS AND RAISE AS SHOWN



2 Insert side frame in open hooks of centre frame and SNAP ON DIAGONAL BRACES



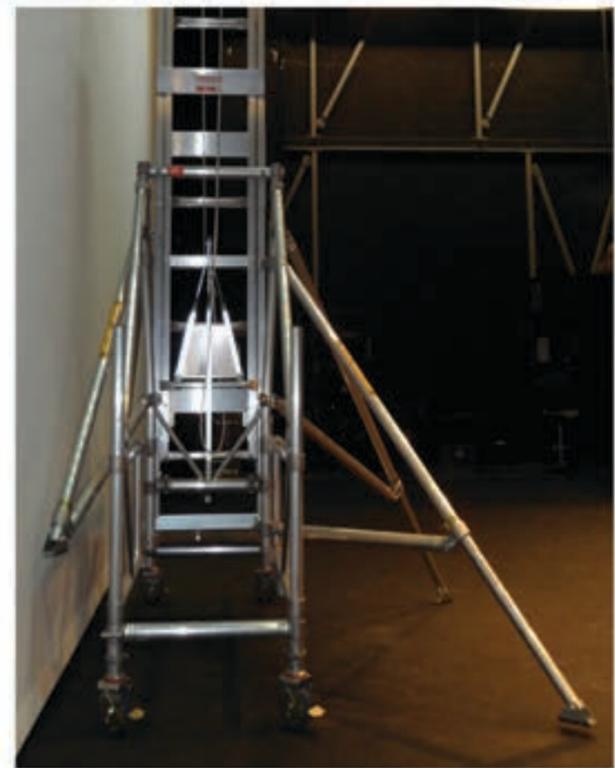
5 Raise telescopic section to vertical and ENGAGE DUAL HOOKS to centre frame. POSITION CAPTIVE STABILIZERS



3 Repeat 2 with second side frame and also SNAP ON SHORT CAPTIVE BASE FRAME BRACES



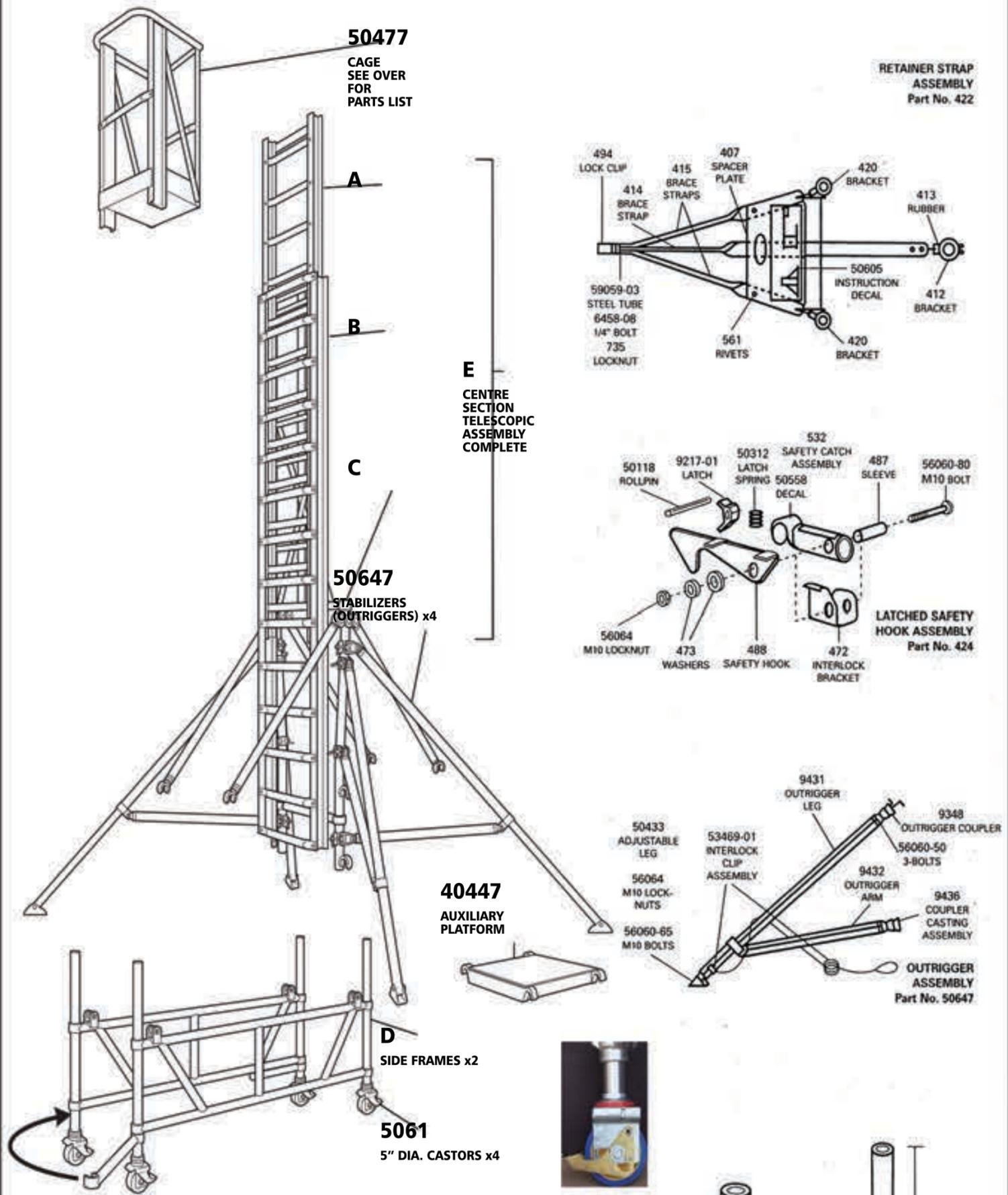
5a Note how captive telescopic stabilizers fold for close to wall access.



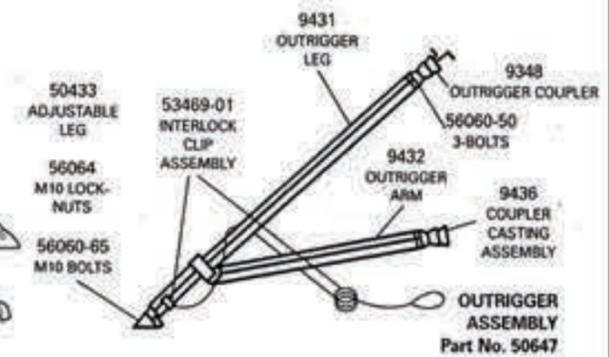
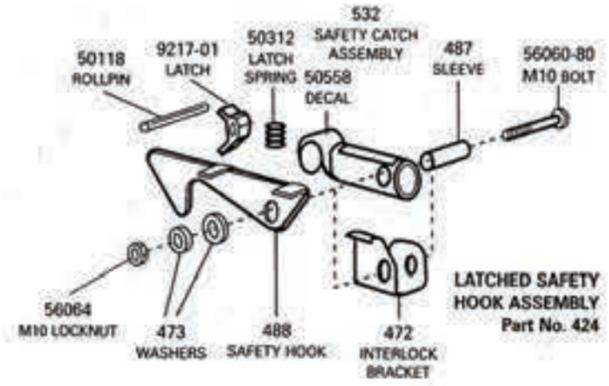
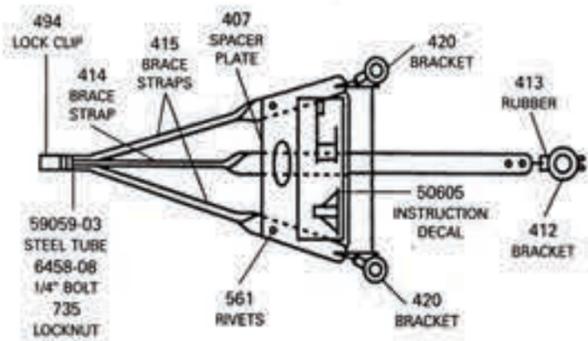
Parts List

Replacement parts, assemblies and complete sections are available from the address on reverse of this assembly guide. Never use damaged or broken equipment. Consult our representative if you wish to trade-in damaged items.

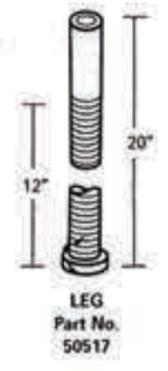
Remember Tallescope will give years of service if treated with reasonable care and attention.



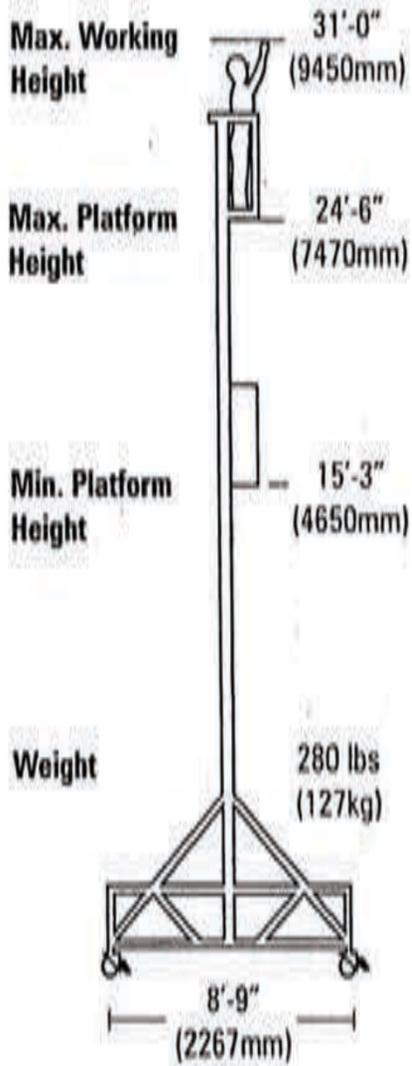
RETAINER STRAP ASSEMBLY Part No. 422



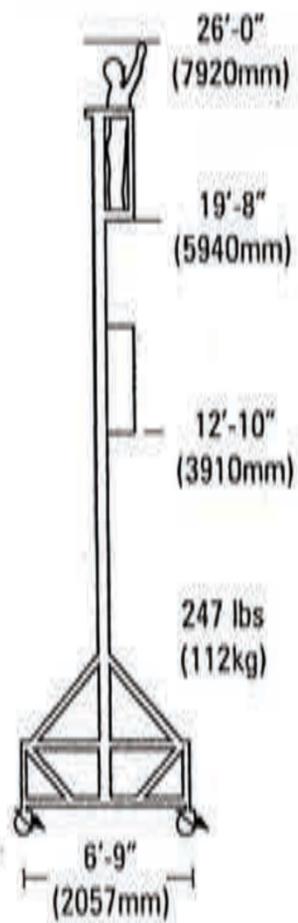
MODEL	A	B	C	D	E
50512	50514	50513	523	50500	50550
50518	50520	50519	674	50500	50569
50524	50526	50525	674	50474	50570



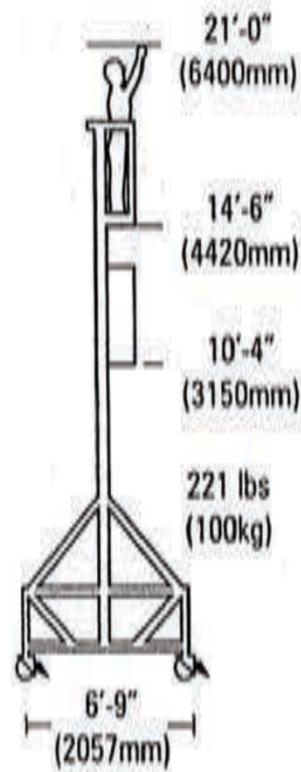
MODEL 50524



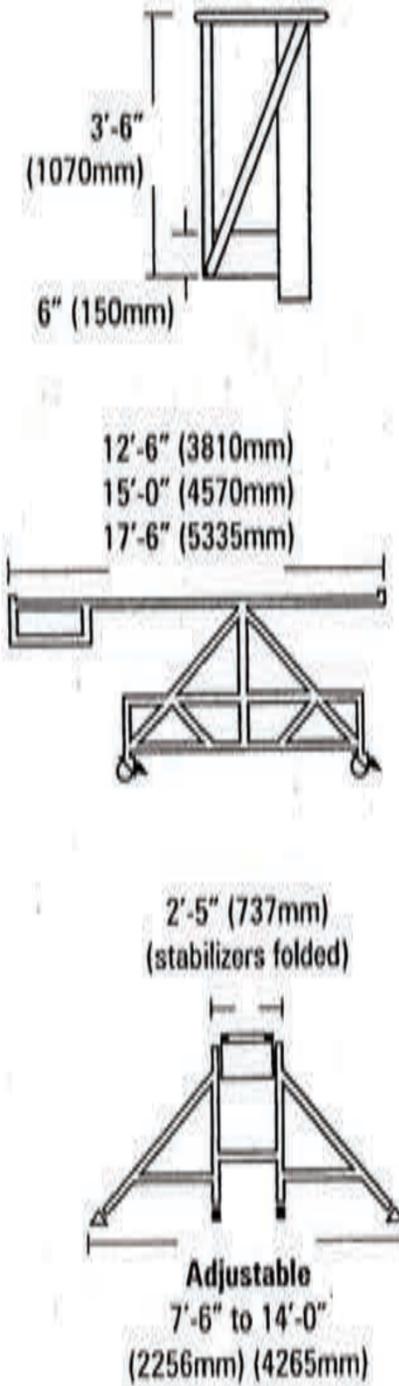
MODEL 50518



MODEL 50512



Cage Platform Area
18" (450mm) x 18" (450mm)



Aluminium Access Products Ltd

Tallescope Sales

Safety Inspections & Certification

Servicing & Repair

On Site Training

Tallescope Hire

***Self-rescue Kits Available
with Fitting Service & Training***



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