



USER MANUAL

Easylift Stands



Original Instructions

Part Nos:

T55510
T55511

Intended Use and Specification	2
Parts and Features	3
Operation - Setting Out	4
Operation - Setting Loading	5
Operation - Raising the Stand	6
Operation - Lowering & Adjusting	8
Maintenance and Spares	9
Do's and Don't	10
Data Sheet	11
Inspection List	12
EC Declaration	13
Contact Details	14

Intended Use and Specification

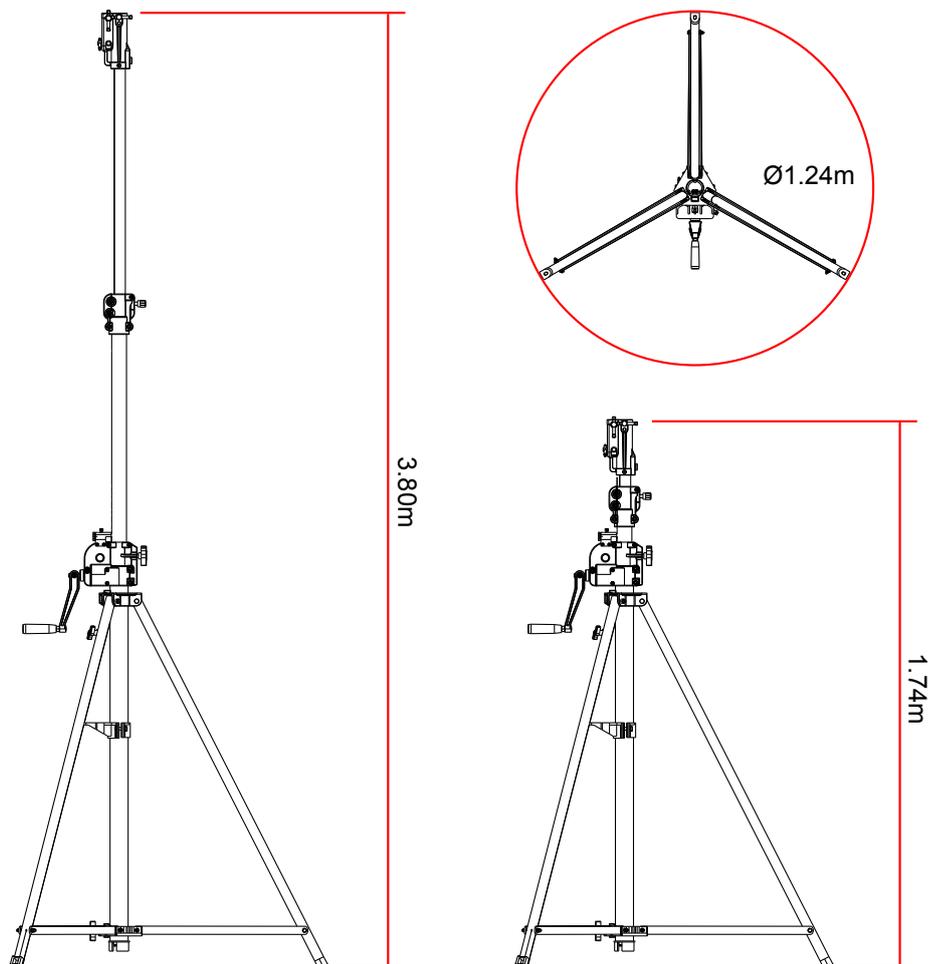
The Easylift is a winch stand designed to support luminaires within the theatre, film, TV and photographic industries. This stand is intended to be used only by competent professional users.

T55510 Easylift - Chrome

T55511 Easylift - Black

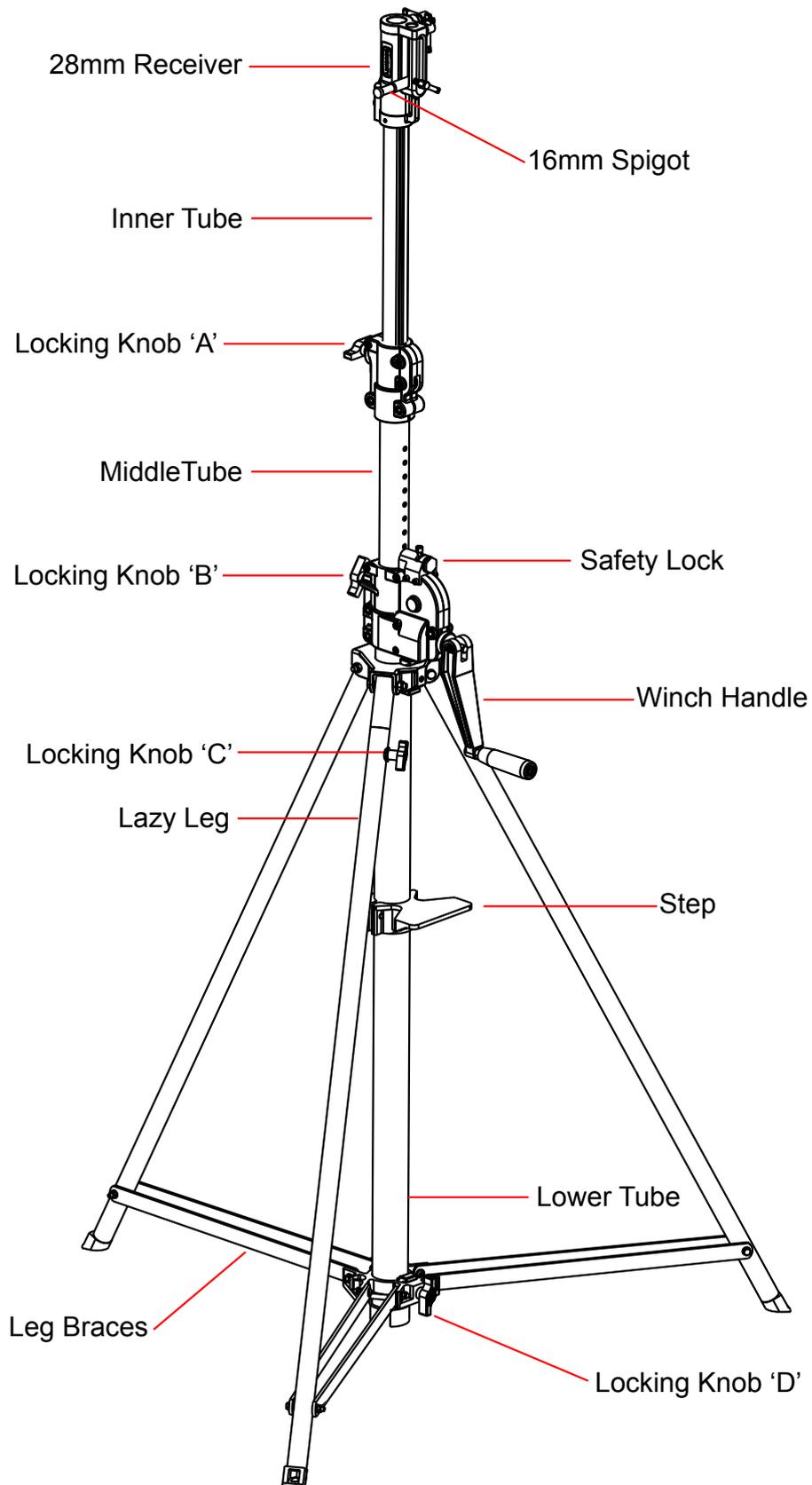
Specification:

- 28mm & 16mm Receiver
- 16mm Spigot
- WLL 30Kg
- Weight 22Kg



DIMENSIONS ARE A GUIDE ONLY AND MAY VARY

Parts and Features

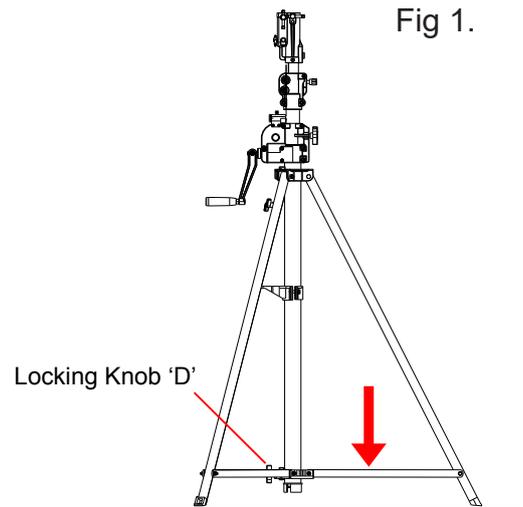


The Easylift stand should be positioned on a stable surface capable of withstanding the the load being applied before being used.

To open the stand legs release locking knob 'D' and open the legs ensuring all three leg braces are pushed fully down.

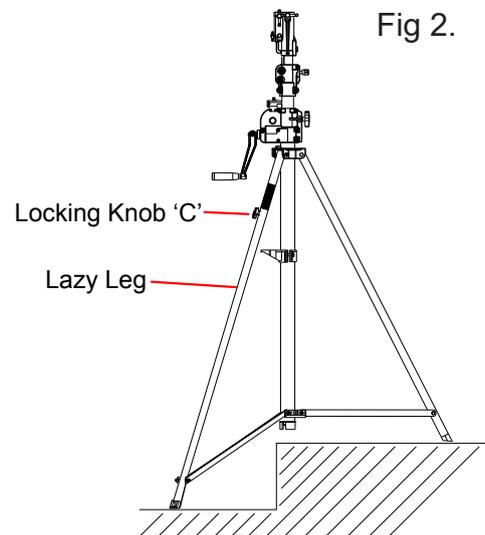
Tighten locking knob 'D' to secure the legs in position. (See Fig 1)

Ensure the stand is vertical.



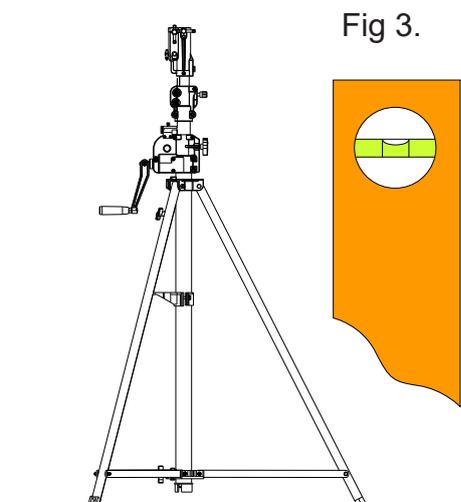
The Easylift stand is supplied with an adjustable lazy leg. This leg is used to compensate the difference between levels of uneven ground or steps.

To operate the lazy leg ensure the stand legs are fully open and release locking knob 'C'. Adjust the leg length as required and tighten locking knob 'C' ensuring the stand is vertical. (See Fig 2)



Important

It is essential that locking knobs 'C' & 'D' are fully tightened and the stand is level BEFORE raising or loading with any equipment.



The Easylift is supplied with a stand top which incorporates a 28mm receiver and retractable 16mm lighting spigot. (see Fig 4)

Before loading the stand ensure the spigot or receiver being used fits the stand top correctly.

It is recommended that the 28mm receiver is used for heavier loads.

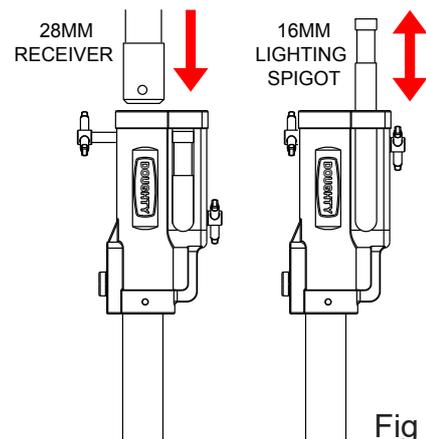


Fig 4.

All loads must be evenly balanced, failure to do this may result in the stand becoming unbalanced and falling over. (See Fig 5)

These stands are not designed for single sided loads such as line arrays etc.

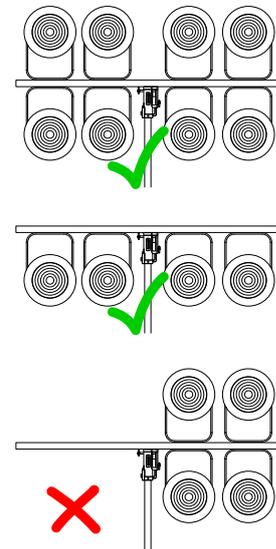


Fig 5.

Important

In the event of the Easylift stand being used outdoors safety cables should be attached to the provided anchor point to compensate for wind loadings. Extra care should be taken when lifting reflectors. (see Fig 6)

Never Exceed the rated WLL.

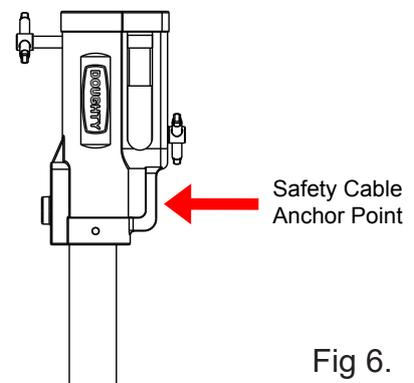
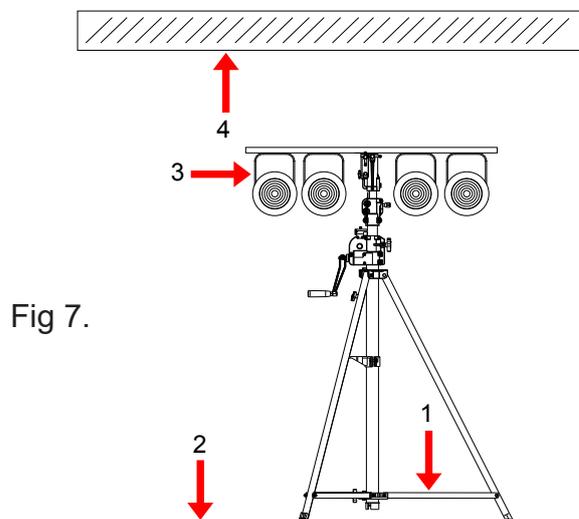


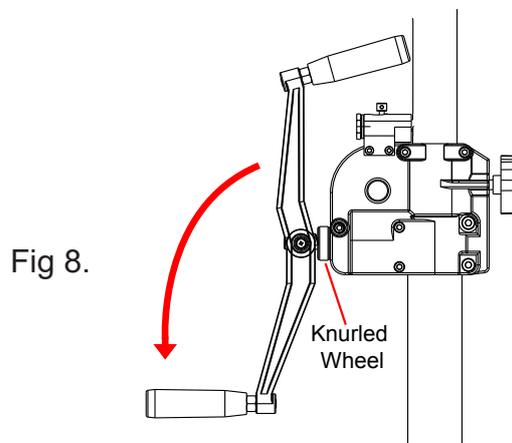
Fig 6.

Before adjusting the height of the stand ensure:

1. The stand is set out correctly and the leg braces are fully down.
 2. The condition of the ground has been taken into account.
 3. The load is balanced, secured and does not exceed the rated WLL.
 4. There are no obstructions overhead.
- (see Fig 7)



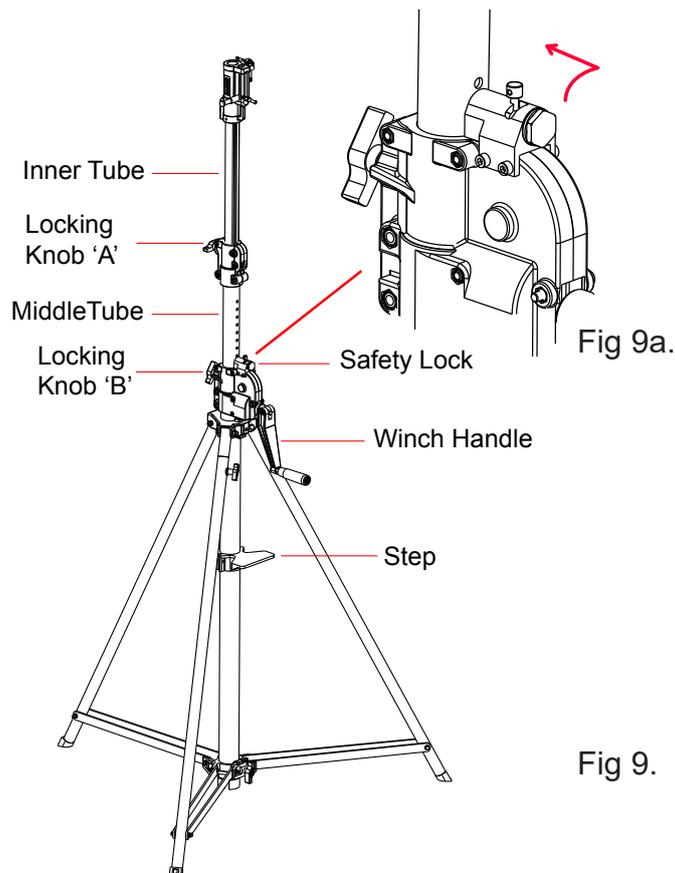
To release the winch handle loosen the knurled wheel until the handle can be rotated into position. The handle is then secured by tightening the knurled wheel. (see Fig 8)



Operation - Raising the Stand

To raise the stand:

1. Ensure locking knobs 'A' & 'B' are loose.
2. Ensure the safety lock is in the raise position (see Fig 9a)
3. Crank the winch handle until the stand is at the desired height. When raising the stand a 'clicking' should be heard as the safety lock is functioning as intended.
4. Tighten locking knobs 'A' & 'B', the step can be used to reach these if necessary.
5. If any problems arise raising the stand check the locking knobs 'A' & 'B' are loose and the load is not greater than the rated WLL.



To lower the stand:

1. Loosen Locking knobs 'A' & 'B', the step can be used to reach these if necessary.
2. Position the safety lock into the lower position. (see Fig 10a) The load may have to be held on the winch handle to complete this operation.
3. Ensure the area is clear.
4. Crank the winch handle to lower the stand.

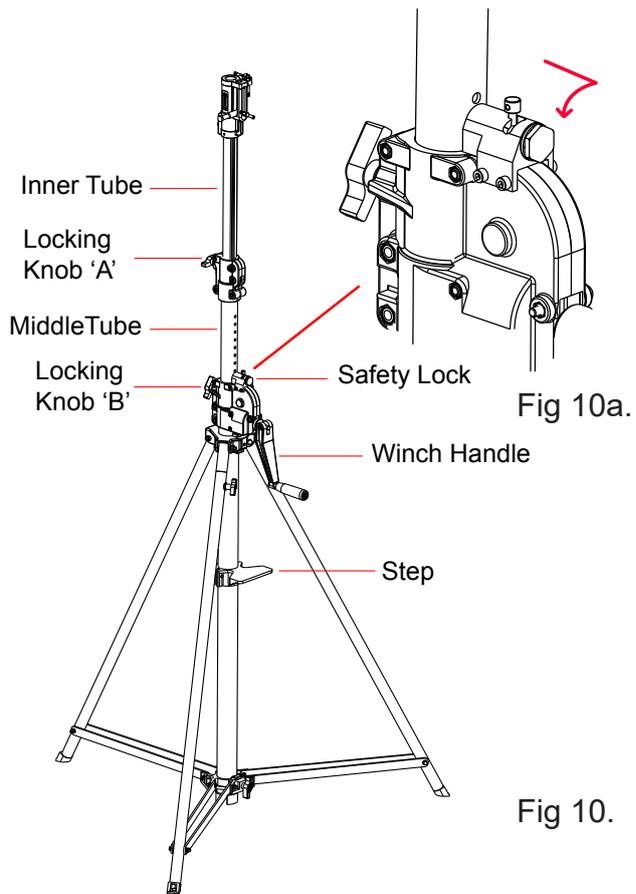
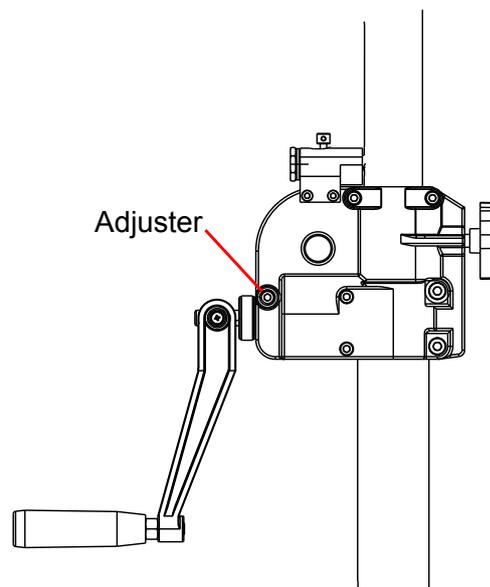


Fig 10.

Adjusting the clutch:

1. In the event that the stand fails to hold the load with the locking knobs loose, the clutch can be adjusted.
2. The clutch is adjusted by turning the adjuster screw clockwise.
3. Once satisfied the stand is holding the load ensure the locking knobs are tightened to secure the load.



Maintenance

The Easylift stand should be kept clean and checked for damaged before each use. The wire rope should regularly checked for damage and broken threads.

Should any damage be found the stand should be taken out of service immediately and sent to an approved service agent for repair.

Spares

Doughty Engineering hold a full range of spares which are only available to authorised service agents who have undergone the training required to repair these stands.

Guarantee

This stand is guaranteed for a period of 12 months from the date of purchase.



Do's and Don'ts

Do ensure the stand is only operated by a competent person

Do ensure the stand is kept in a clean operational condition

Do check the condition of the wire lifting ropes regularly

Do check above for obstructions before use the stand

Do only use an authorised service agent for maintenance and repair

Do Not use on unstable ground which may cause the stand to tip

Do Not use the stand in wind conditions that may cause the stand to tip

Do Not lift loads which are not balanced and may cause the stand to tip

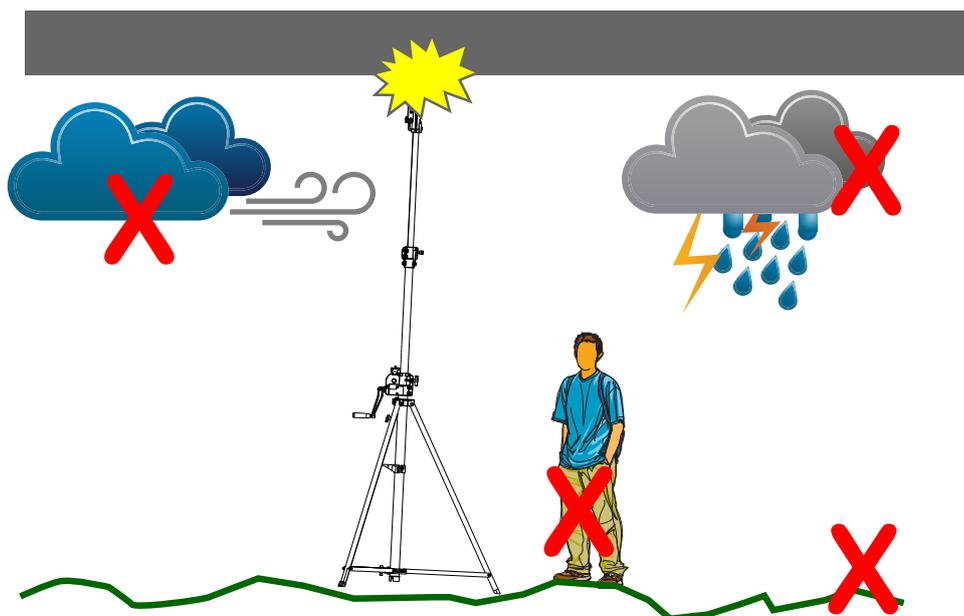
Do Not attempt to lift loads which are greater than the WLL of the stand

Do Not lift people

Do Not lift loads with anyone else in the lifting zone

Do Not attempt to repair the stand without training

Do Not use in rain or lightening





Easy Lift Stands

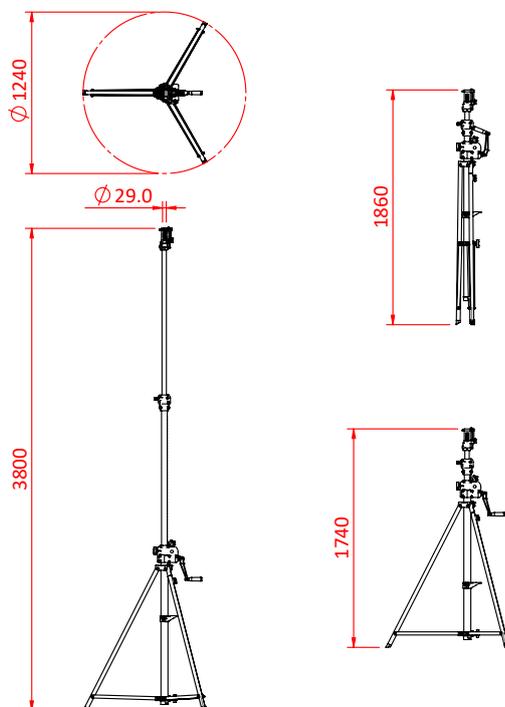


Product Data Sheet



Easy Lift Stands	
Part Nos	T55510 - Chrome T55511 - Black
Receiver Diameter	Ø16mm & Ø28mm
Foldaway Spigot	Ø16mm
Materials	Mild Steel, Stainless Steel, Aluminium Grade 8.8 Fixings
Maximum Height	3.80m
Minimum Height	1.74m
Folded Length	1.86m
Base Diameter	Ø1.24m
WLL	30Kg
Weight	22Kg
Approval	TÜV Approved

Dimensions in mm



Doughty Engineering Ltd - Crow Arch Lane, Ringwood, Hampshire, BH24 1NZ, UK
 +44 (0) 1425 478961, sales@doughty-engineering.co.uk - www.doughty-engineering.co.uk



Engineering Ltd

EC-DECLARATION OF CONFORMITY

According to the Machinery Directive 2006/42/EEC Annex II

Doughty Engineering Ltd

Crow Arch Lane
Ringwood
Hampshire
BH24 1NZ

Herewith declares that:

T55510 & T55511 Easylift Stands

are in compliance with the following harmonized standards/standards/regulations

Machinery Directive 2006/42/EC annex I

Signed for and behalf of **Doughty Engineering Ltd**

Name **Dan Phillips**

A handwritten signature in blue ink, appearing to be "DP" or similar initials.

Position **Company Director** being the person responsible appointed by the manufacturer.

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: J.C.G. Chiverton. S.C. Wright. D. Phillips. D.M. Chorley



Doughty Engineering Ltd

Crow Arch Lane

Ringwood

Hampshire

BH24 1NZ

Telephone: +44 (0) 1425 478961

Email: sales@doughty-engineering.co.uk

Website: www.doughty-engineering.co.uk

Note: Whilst every effort has been made to ensure that the information contained within this manual is correct, Doughty Engineering does not accept any liability for errors or omissions. Specifications and technical data are intended for guidance purposes only and may vary.