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## Overview

ALTO Ultima® represents a revolutionary step forward in tower safety, making fall restraint and fall arrest fully available to tower users. Independently tested & accredited to BS EN795, our patented fall arrest bracket gives users & specifiers a massive increase in protection from the biggest source of death and injury on construction sites today.

Using the enormous strength and ruggedness of our existing HD ladderspan tower range, we have designed this product to give the ultimate in additional protection to users. No other tower is durable enough to provide this facility.

We have taken the Alto HD tower, the best, most versatile, strongest and safest tower on the market – and taken it to the next level. If you are serious about tower safety – specify ALTO Ultima®.

## Specification

<b>TOWER STANDARD</b>	BS EN 1004:2004
<b>PLATFORM LENGTH</b>	1.8m long
<b>TOWER WIDTH</b>	Double: 1.4m (2 platforms)
<b>TOWER LOADING</b>	2,500 kg (2.5t) using castor wheels 3,000 kg (3.0t) using base jacks
<b>TUBE THICKNESS</b>	3.0mm extruded aluminium 6082T6 tube
<b>TUBE DIAMETER</b>	48mm diameter tube (standard scaffold tube dia.)
<b>JOINT TYPE</b>	Full 360° TIG welded frame joint connections
<b>FRAME FITTING</b>	Conical “head fitting” aluminium casting
<b>ADJ. LEG TYPE</b>	Captive pin-locating adjustable legs
<b>ANCHOR POINT</b>	BS EN 795 Class A



### Lakeside Industries Ltd

Unit 19 Howard Road, Park Farm Industrial Estate, Redditch, Worcestershire. B98 7SE  
+44(0)1527 500577 | sales@lakeside-industries.co.uk | www.altoaccess.com

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**Key Features**

- ALTO HD Compatible** Fully compatible with all existing ALTO HD braces platforms toe guards and legs
- Ultimate Fall Protection** ALTO Ultima® adds fall restraint and fall arrest protection to existing EN 1040 guard railing and toe boarding providing the ultimate in risk reduction
- 3mm Thick Wall Tube** Means wear & tear damage is dramatically reduced because it is 4 times more resistant to denting and crushing than the Lightweight alternatives.
- Scaffold Tube Diameter** Makes adaptations and tying in very easy because you can use standard tube & fittings which you cannot with a lightweight system.
- Fully Welded Joints** Means fractured welds are a thing of the past and make the tower a much more rigid structure with joints 5 times stronger in tension & 13 times stronger in bending.
- Conical Head Fittings** Prevents frames from jamming when dismantling towers so hammer damage is totally eliminated. Frames also lock together automatically during assembly.
- Captive Adjustable Legs** Because we are not dependent on tight tolerances to hold legs in frames, the problem of legs jamming no longer exists.
- Superior Tower Loadings** 2,500 kg (2.5t) per mobile tower (3,000 kg if using base jacks) compared to between 650 - 950 Kg maximum for lightweight competitor products - reducing health & safety risks whilst increasing the range of applications available.
- Fewer Components** Much better utilisation of components – less stock, less to transport.
- Offset Platform Hooks** Makes linking towers in a run easier & safer.
- Full Range of Add-ons** Means that non-standard applications become easier to achieve.