



ALTO Heavy Duty Ladderspan Tower

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Overview

The Alto HD Ladderspan Tower is the ultimate industrial aluminium mobile access tower on the market today. The most robust form of non-powered mobile access equipment available, the Alto Heavy Duty Tower range has led the way since its original creation nearly 40 years ago. Designed by a team of scaffolding engineers and sold into the hire industry, the Alto HD Tower range is the pinnacle of safe, strong, sturdy working-at-height access.

When the Alto HD Ladderspan Tower was first designed, the concept was simple - to create the best possible product to keep a person working at height, safe. Every aspect of the tower was carefully considered and designed to ensure the Alto HD Tower would be strong enough to cope with the demands of everyday life on a construction site. The unique design characteristics found on the Alto products mean that for almost 40 years, they have been the best-in-class and outperform all competitor products.

Specification

TOWER STANDARD BS EN 1004-1:2020

BS EN 1004-2:2021 BS 1139-6:2021

PLATFORM LENGTHS 1.8m & 2.7m long

TOWER WIDTHS Single: 0.8m (1 platform) Double: 1.4m (2 platforms)

TOWER LOADING 2.5 tonne using castors, 3 tonne using base jacks

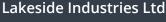
TUBE THICKNESS 3.0mm extruded aluminium 6082T6 tube

TUBE DIAMETER 48mm diameter tube (standard scaffold tube dia.)

JOINT TYPE Full 360° TIG welded frame joint connections

FRAME FITTING Conical "head fitting" aluminium casting

ADJ. LEG TYPE Captive pin-locating adjustable legs



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Product Data Sheet - Access Tower

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Key Features

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 and 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

Prevents frames from jamming when dismantling towers so hammer damage is totally eliminated. Frames also lock together automatically during assembly.

Superior Tower Loadings

2,500 kgs (2.5t) per mobile tower (3,000 kgs if using base jacks) compared to between 650 - 950 Kgs maximum for lightweight competitor products - reducing health & safety risks whilst increasing the range of applictions available.

Fewer Components

Much better utilisation of components – less stock, less to transport.

BS 1139-6 Capability

The Alto HD system has the capability to allow creation of complex structures using standard components. The fundamental strength of the product allows meaningful working loads for practicable use in complex structures.

