

ALTO MD Advanced Guardrail Tower

ISSUE 01

DATE Aug 18

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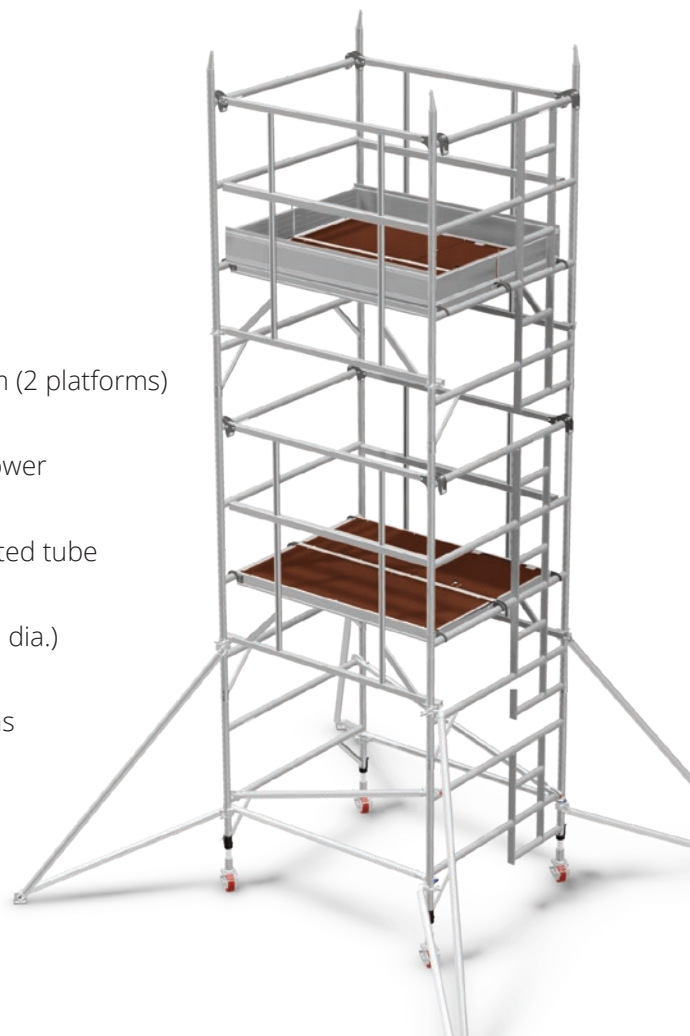
Overview

The Alto Medium Duty Ladderspan Tower is the ideal mobile access tower for commercial applications where the extreme strength of the heavy duty range is not required. Available in 2 platform lengths and 2 frame widths, the Alto MD Tower range is perfect for smaller hire shops and tradesman who require the ownership of a tower.

New improved AGR units are now available making the Alto MD Ladderspan towers even more versatile. The new units are fully compatible with all existing Alto MD equipment. Maintaining our focus and position as the pinnacle of safe, strong, sturdy working-at-height access, the new AGR units have been designed to bring the convenience of the AGR methodology to the Alto MD range with no compromise on safety or strength.

Specification

TOWER STANDARD	BS EN 1004:2004
PLATFORM LENGTHS	1.6m long & 2.4m long
TOWER WIDTHS	Single: 0.8m (1 platform) Double: 1.38m (2 platforms)
TOWER LOADING	2,000 kg (2 Tonne) per mobile access tower
TUBE THICKNESS	2.0mm extruded aluminium 6082T6 fluted tube
TUBE DIAMETER	48mm dia. tube (standard scaffold tube dia.)
JOINT TYPE	Full 360° welded frame joint connections
FRAME FITTING	Conical "head fitting" casting
ADJ. LEG TYPE	Captive pin-locating adjustable legs



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Key Features

Reduced components

AGR frames replace several braces in one unit, reducing the number of items required to complete a tower.

Rapid Assembly

AGR towers can be assembled and dismantled more quickly than 3T towers.

Pre Guardrailing

Platforms are automatically guardrailed to the correct height before access.

Compatible Components

The Alto AGR system is compatible with all existing Alto MD tower equipment.

2mm Thick Wall Tube

Means wear & tear damage is significantly reduced because it is more resistant to denting and crushing than the lightweight alternatives.

Unique Fluted Tube

Makes identification & segregation of the Alto MD Tower easier. The ribbed design also gives enhanced strength to the tube profile.

Scaffold Tube Diameter

Makes adaptations and tying in very easy because you can use standard tube & fittings which are not compatible with a lightweight system.

Fully Welded Joints

Means fractured welds are a thing of the past. The tower is a much more rigid structure with joints substantially stronger in both tension and 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

The towers does not rely on tight tolerances to hold legs in frames, ensuring that the problem of legs jamming no longer exists.

Superior Tower Loadings

2,000 kg (2 Tonne) per mobile tower compared to between 650 - 950 Kg maximum for lightweight competitor products - reducing health & safety risks whilst increasing the range of applications available.

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