Manufactured using the same components as its ladderspan counterpart, the Alto Heavy Duty Stair Tower is a fully accessible mobile access tower that uses traditional flights of stairs to gain access to the work platforms, rather than the vertical ladder design. The Alto HD Stair Tower is ideally suited for longer-term installs, or on jobs where the work platform needs to be accessed from the ground more frequently than normal.

The Alto HD Stair Tower is the only one of its kind on the market. With a total tower load up to 3000kg, plus the traditional sloping staircase integrated inside the tower means that access to the working platform is now easier and safer than a vertical ladder. The stair design gives a much more flexible working environment as tools & materials can now be carried up through the tower by the end-user instead of requiring winches, ropes or cranes.

### Specification

- **TOWER STANDARD**: BS EN 1004:2004
- **PLATFORM LENGTHS**: 1.8m long
- **TOWER WIDTHS**: Double: 1.4m (2 platforms)
- **TOWER LOADING**: 2,500 kgs (2.5t) using castor wheels
  3,000 kgs (3.0t) 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
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.

Inclined Staircase Access  A huge benefit in efficiency & safety for operatives carrying tools and materials up & down the tower.

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  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 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 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.