



LOW COST PASSENGER STEP LADDER TOPL2836

SUITABLE FOR AIRCRAFT TYPES:
B737-300 UP TO AIRBUS 319 / 320 / 321

General specification

The Steps have a fixed lower stairway.
The top-platform extends telescopically (see ** below). The stairway is mounted on a welded steel-section chassis-frame.

Construction is robust but is also light in design – saving time and effort when manually manoeuvring the Steps up to, or away from, the aircraft.

The step treads and top-platform walking-area are surfaced with grip-faced aluminium tread-plate.

Sliding side-rails with hand-operated spring-bolts at both sides of the top-platform to facilitate opening the aircraft doors with the Steps interfaced with the Aircraft.

A pivoting-section is fitted at the leading edge of the top-platform to compensate with fuselage contours.

Rubber buffering is fitted to the top-platform pivoting-section and to the leading edges of the sliding side-panels.

The standard unit has Plastic covering to handrails. Side hand rails with a mid-rail and solid-sheet steel panel, fitted to both sides of the stair-flight. Full solid-sheet steel panels are fitted to the sliding rails at each side of the top-platform.

Steering is turntable-type through a ball-bearing ring, controlled by the tow-bar. Tow-bar has a 50mm diameter towing-eye and grip-handle to assist coupling.

Four wheels with pneumatic tyres, fitted on stub-axles. Each stub-axle is individually mounted for easy and economical maintenance.

Parking-brake – operating on front steering wheels, actuated by raising the tow-bar.

A tubular-steel rail is fitted across the front end of the chassis, providing a conveniently positioned hold for pushing and pulling.

4 stabilising-jacks are fitted to the chassis-frame

2 x wind-down type at front end and 2 x wind-down type at rear end.

*Hydraulic sprung return Jacks on front available at extra cost.

Standard Finish

Painted in a single Corporate colour.
High-visibility (red 'day-glo' painted)
Markings, are applied to front/rear chassis
Corners and sides of tow-bar.

** The top-platform is mounted on a telescoping-section, elevated via a hand-operated hydraulic-pump and lift-cylinder.

This feature provides either one, two, three, four or five additional full step-rises when required – To cater for the variations in height between front and rear door-sills of the B737 – 300 to 900 series-variants, up to Airbus 318/319/320 & 321.

Two spring-loaded Pawls, provide mechanical locking of the telescoping-section at each of the additional full step-rise positions. An indicator detailing safe locking position fitted as standard.

Options / Extras

- Foam filling of tyres to protect against punctures.
- *Alternative type Stabiliser Jacks.
- Special Corporate or Identification markings.
- Additional Visibility markings.
- Mesh sheet panels on the stair-flight side-rails (instead of solid steel panels).
- Stairway illumination.
- Electro Hydraulic Powered Elevation
- *Stainless-steel rod in lift-cylinder
* (Recommended if the location is in a heavily salt-laden environment close to sea coasts)



LIGHTWEIGHT TOWABLE PASSENGER STEPS SPECIFICATION - LTPS 2636



Top Platform Length: 1.40m (55.00 inches)

Step-Tread details:

Step Rise: 195.2mm (7.685 inches)

Step Length: 250mm (9.842 inches)

Step Width: 1020mm (40.157 inches)

Number of Steps (including top-platform): 18, fully raised

Width inside handrails (on stair-flight): 1030mm (40.55 inches)

Width inside handrails (on top-platform): 1340mm (52.755 inches)

Overall dimensions of the fully-assembled unit:

Width: 1.9m (74.8 inches)

Length (With tow-bar up and parking-brake applied): 4.75m (187.0 inches)

Height (With top-platform fully lowered): 3.53m (138.98 inches)

Unladen Weight 1980kgs

