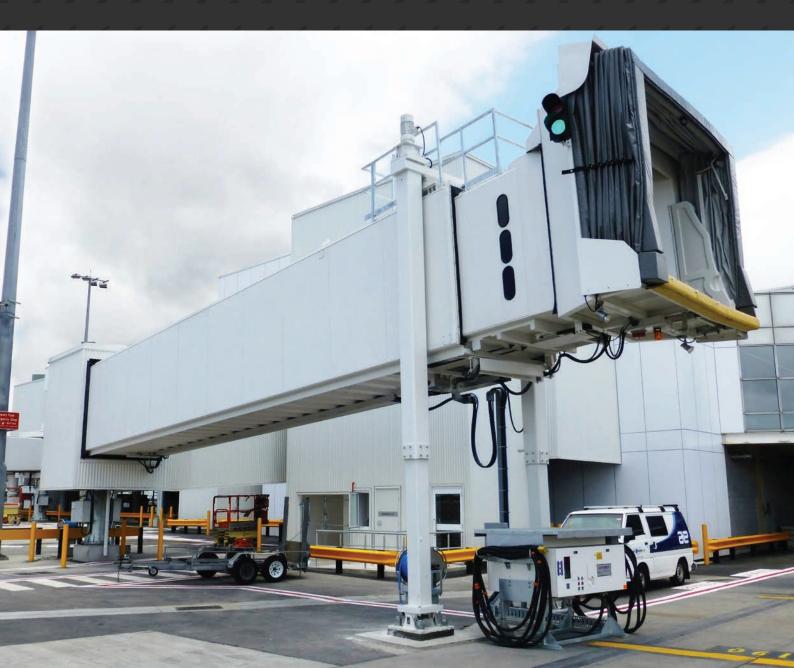




JETWAY® STEEL WALLED PEDESTAL PASSENGER BOARDING BRIDGE



SPECIFICATIONS

GENERAL ARRANGEMENTS

The Airport Equipment Steel Walled Pedestal Bridge is designed to extend from an elevated terminal departure lounge doorway to an aircraft boarding door. Passengers walk in protection from atmospheric conditions, aircraft engine blast, and blown dust.

Major components include: Tunnel A which adjoins the terminal structure; the Single or Dual Motor Lift Column Assembly; Tunnel B which is hinged to Tunnel A; Tunnel C which slides in and out to reach the aircraft; and the Cab Section which docks with the aircraft. The Pedestal Bridge is equipped with a service door, landing and stairs which allow easy access to the apron.

The Pedestal Bridge consists of the following (in order progressing from the terminal towards the aircraft):

- 1. Fixed Walkway (may be required) 5. Lift Column
- 2. Fixed Tunnel A
- 3. Hinged Tunnel B
- 4. Sliding Tunnel C
- 6. Service Door, Landing and Stairs
- 7. Cab and Aircraft Closure

DESIGN PARAMETERS

Minimum dimensions for all Pedestal Bridges are as follows:

Tunnels		Interior Cab	
Tunnel A	Width 2.46m	Interior Cab	Width 3.10m
Tunnel A	Height 2.74m	Cab Weather Door	
Tunnel B	Width 2.10m	Weather Door Width 1.12m Weather Door Height 2.08m	
Tunnel B	Height 2.47m		
Tunnel C	Width 1.79m		
Tunnel C	Height 2 13m		

SERVICE DOOR, LANDING AND STAIRS

A service door, landing and stairs are normally situated in one of two positions on the SPS and four positions on the LPS.

Models SPS 18/23 HC to **SPS 31/38 HC**

- 1. Rear entry to Tunnel A (standard) 1. Left Side to Tunnel C (standard)
- 2. Side entry to Tunnel A

Models LPS 35/45 HC to LPS 107/117 HC

- 2. Right Side to Tunnel C
- 3. Rear entry to Tunnel A
- 4. Side entry to Tunnel A

MODELS

There are 24 models of Pedestal Bridge:

Small Series (SPS) — 5 models Large Series (LPS) — 19 models

The basic difference between the series is the distance of travel of Tunnel C. All SPS model bridges are equipped with a single vertical drive column and all LPS are equipped with dual vertical drive columns.

SPS 18/23 HC	LPS 63/73 HC
SPS 22/27 HC	LPS67/77HC
SPS 23130 HC	LPS 71/81 HC
SPS 27134 HC	LPS 75/85 HC
SPS 31/38 HC	LPS 79/89 HC
LPS 35/45 HC	LPS 83/93 HC
LPS 39/49 HC	LPS 87/97 HC
LPS43/53 HC	LPS 91/101 HC
LPS 47/57 HC	LPS 95/105 HC
LPS 51/61 HC	LPS 99/109 HC
LPS 55/65 HC	LPS 103/113 HC
LPS 59/69 HC	LPS 107/117 HC

OPERATIONAL CHARACTERISTICS

Cab rotation: 30° (15° ccw / 15° cw)

Cab rotation speed 138º/min

Vertical rate of travel:

1.1m/min Single or Dual Column

Horizontal rate of travel:

5.49m/min (Tunnel C)

Total horizontal travel range: 3.05 m

Total vertical travel range: 1.52m

