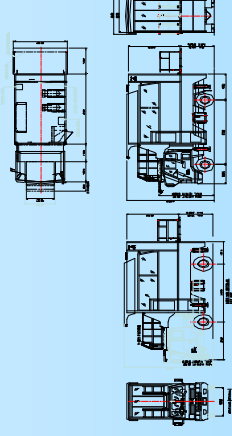




AIRCRAFT INVALID PASSENGER LIFT



Platform Height Range

Standard Cab	
Min.	2,650 mm
Max.	5,800 mm
Drop Cab	
Min.	2,200 mm
Max.	5,800 mm

Chassis

Model	Isuzu FRR33H
GVW	12,000kg
Wheel Base	4,250mm

Features

- Side door with stairwell
- Caged tail-lift which can raise/lower/fold/unfold
- Large tinted windows
- 2 way intercom
- FRP/Polyurethane/FRP wall and ceiling
- Moon matting floor

Optional Accessories

- Stretchers c/w fastener
- Wheelchair c/w fastener
- Extractor fan
- Air conditioner

INVALID PASSENGER LIFT



VAN BODY

A side door and a built-in internal staircase is provided with a 2 leaf sliding door at the front and rear of the van body. The van body also comes with an air conditioning system, interior lighting and a intercom to facilitate communication with the driver.

TAILGATE

A rear tailgate platform can be hydraulically lowered or raised from the ground to the van body floor. The tailgate can also be hydraulically folded and unfolded with ease



GENERAL

The AEREX Invalid Passenger Lift is used for transporting invalid or handicapped passengers using wheelchairs or stretchers while on transit between the aircraft and the passenger terminal building. The unit is capable of elevating to aircraft doors with sill heights of 2650 mm to 5800 mm.

For lower height requirements, the end user can opt for a Drop Cab version which caters for the height of 2200 mm to 5800 mm.

The double scissors and stabilizer assembly are constructed on a common sub-frame. A front loading platform above the cab rises at the same level as the van body floor to provide a level interface with aircraft doorsills. The platform can be extended hydraulically to reach the aircraft doorsill.



SAFETY FEATURES

Emergency push buttons are located at strategic control panels to stop operation during emergency. The transmission is interlocked to prevent the truck to be driven when stabilizers are extended and the tailgate is not stowed. Pilot check valves ensure all cylinders stay in position. All conspicuous corners, edges and surfaces are rounded and smoothed for safe working. Additional safety interlocks or requirements can be incorporated to meet specific request.

A door locking mechanism is incorporated when the van body raises as an added safety feature.



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TECHNICAL DATA FOR AEREX INVALID PASSENGER LIFT

	STANDARD CAB VERSION	DROP CAB VERSION
Overall Dimensions: <ul style="list-style-type: none"> ● Length (tailgate folded) ● Width ● Height 	7,780mm 2,500 mm 3,980 mm	8,320 mm 2,500 mm 3,980 mm
Van Body: <ul style="list-style-type: none"> ● Walls ● Floor ● Roof 	50mm or 100mm FRP/Polyurethane/FRP with ratchet locking tie rails 4.5mm or 6mm Aluminum Chequered plate with 50mm insulation 50mm FRP/Polyurethane/FRP	
Payload	1,000 kg	
Hydraulic Pressure:	138bar (2000psi)	
Platform Height Range: <ul style="list-style-type: none"> ● Minimum ● Maximum 	2,650 mm 5,800 mm	2,200 mm 5,800 mm
Chassis: <ul style="list-style-type: none"> ● Make/Model ● Engine ● Transmission 	ISUZU FRR 33H or (user to specify) Isuzu 6HHI Manual with option of Automatic Transmission	
Air Conditioner System	<ul style="list-style-type: none"> ● Option of cassette top mount direct drive unit 	
Electrical System	24V, Standard Hard Wiring with option of PLC (Programmable Logic Controller)	