

Passenger Stair



Stair Dimensions	Unit
Nominal Tread depth	180 mm
Nominal Tread width (lower section)	1500 mm
Nominal Tread width (upper section)	1760 mm
Top Platform width	2840 mm

Payload	Unit
Total Maximum Payload	70 Persons
Total Maximum Weight of Payload (70 x @ 70kg)	4,900 kg
Total Maximum Payload on Platform (14 X @ 70 kg)	980 kg

Height Range	Unit
Low Position	2600 mm
Hight Position	5700 mm

Standard Features	Unit
Chasis : Isuzu ELF NKR 71 HD	
Wheelbase	8250 kg
Transmission	3360 mm
	5 Speed manual

Min. Turning Radius	7,5 m
Alternator	24-35 V

General	
Operating Range	2600-5700 m
Services Aircraft	31 Variants

Stairway Materials

Steel Frame Construction

Cover Material with Aluminium Composite Panel

Canopy Material with Polycarbonate Solarflat

Plate Step Material with Aluminium Bordesks

Handrail Material with Stainless Steel

Safety Rubber Bumper on Forward Edge of Platform

Safety Rubber Bumper on Forward Sliding Door of Platform

Safety Rubber Bumper on Bottom of Folding Ladder

Safety Rubber Bumper on Bottom of Canopy Frame

Optional Equipment

Fully enclosed weatherproof cab

Extra wide stair section and top platform

Aircraft movement warning system

Powered extending top platform up to 500 mm

Fully enclosed canopy with 'air-bridge' style weatherproof bellows

Enhanced aircraft protection system

Cab air conditioning

Specialist stair tread finish

Electrical emergency pump

Hydraulic Manual emergency pump

Safety Features

Stabilizers Protected by one lock valve per Stabilizer

Stair Extension Cylinder Protected by Lock Valve and Automatic

Back-up Lock

Back-up Alarm

Controls

Cab Controls Stabilizer UP/DOWN and indicator lamp, A-frame UP/DOWN and LOCK, Stair UP/DOWN and Lock, Hydraulic pump OFF/ON and indicator lamp, Stairway lights OFF/ON

Hydraulic System

By Propeller Shaft for Operating Power Gear Pump

170 Liter hydraulic Tank with suction strainer, dip stick, magnetic drain plug and return filter

Two cylinder with Flow Control valve and lock valve and flow control valve, for Tilting the Stairway

Two Front, two center, and two rear vertical hydraulic cylinder

Emergency Hand Pump

Solenoid controller hydraulic valves on rear cabin

Electrical System

24 Volt electrical System

Electrically controlled hydraulic valves on Cabin

Paint

Protected with epoxy-based primer and two coats of polyurethane

Standard paint scheme is white signal Ral 9003, black signal Ral 9004 and red signal Ral 3001



Developed by :

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