



AIRPORT EQUIPMENT SERVICES PTE. LTD.

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TD58SKT- AUTOMOTIVE PASSENGER STAIRS



Platform height: 2200mm-5800mm

SPECIFICATION

AUTOMOTIVE PASSENGER STAIRS

DESCRIPTION - The TD58SKT Automotive Passenger Stair is a heightened auto passenger stair, installed with the special chassis. It can be used for airplanes with doorsill height between 2200mm and 5800mm. The stair is a telescopic stairway type and its height may be adjusted step-by-step allowing the passengers to embark and disembark in total comfort.

1.0 STANDARD DIMENSIONS

1.1 OVERALL LENGTH	7560MM
1.2 OVERALL HEIGHT, LOWERED	3700 MM
1.3 OVERALL WIDTH	2400 MM
1.4 STEP WIDTH	1500 MM
1.5 STEP HEIGHT	190 MM
1.6 STEP DEPTH	276MM
1.7 STEP LOADING CAPACITY	230kg(3 people)
1.8 PLATFORM LENGTH	2950 MM
1.9 PLATFORM WIDTH	2200 MM
1.10 PLATFORM LOADING CAPACITY	1120kg(16 people)
1.11 HEIGHT OF GUIDE RAIL 1150MM AT 35, FROM THE LADDER TO THE TOP, VERTICAL HEIGHT IS 945MM	
1.12 HEIGHT OF THE FIRST STEP FROM GROUND	260MM
1.13 SHIPPING WEIGHT	7500 KG
1.14 SPEED LIMITER FROM 5 to 25 km / h.	

5.0 CONSTRUCTION

- 5.1 PRIMARY STRUCTURE, STEEL
- 5.2 SIDE PANELS, ALUMINUM
- 5.3 STEPS AND PLATFORM, NONSKID ALUMINUM PLATE
- 5.4 STAINLESS STEEL RAILINGS
- 5.5 RUBBER BUMPERS LOCATED ON PLATFORM FORWARD EDGE
- 5.6 PROTECTED BY EPOXY BASED PRIMER AND POLYURETHANE PAINT

6.0 SAFETY EQUIPMENT

- 6.1 LOCK VALVES MOUNTED ON EACH PAIR OF HYDRAULIC CYLINDERS
- 6.2 WARNING LIGHT IN CAB TO INDICATE STABILIZER POSITION
- 6.3 MECHANICAL LOCKING MECHANISMS FOR THE MAIN STAIR SECTION
- 6.4 OPERATOR'S OBSERVATION WINDOW IN CAB ROOF
- 6.5 HYDRAULICALLY OPERATED STABILIZERS LOCATED AT FRONT,
- 6.6 THE SOUND SYSTEM FOR SECURE APPROACH

2.0 VEHICLE SIDE AND REAR OF CHASSIS

- 2.1 WELDED STEEL FRAME
- 2.2 ENGINE: CUMMINS 36KW
- 2.3 7500 KG GVWR
- 2.4 3200MM WHEELBASE
- 2.5 AUTO TRANSMISSION,PST2
- 2.6 HEAVY DUTY ALTERNATOR AND BATTERY
- 2.7 POWER STEERING, EATON
- 2.8 POWER BRAKES
- 2.9 VINYL BENCH SEAT AND FLOOR MATS
- 2.10 BRAKE TYPE HYDRAULIC, REAR DRUM PARKING BRAKE

3.0 HYDRAULIC SYSTEM

- 3.1 PTO DRIVEN HYDRAULIC PUMP/ELECTRIC CLUTCH
- 3.2 DIRECTIONAL CONTROL IN CAB
- 3.3 AUXILIARY HAND PUMP FOR EMERGENCY RETRACTION
- 3.4 HYDRAULIC VALVE,ARGO-HYTOS

4.0 ELECTRICAL SYSTEM

- 4.1 12 VOLT CHASSIS
- 4.2 12 VOL LIFTING EMERGENCY HYDRO SUPPORT DEVICE
- 4.3 ENGINE HOUR METER
- 4.4 FULLY ILLUMINATED STEPS AND PLATFORM

7.0 OPTIONS

- 7.1 8 KG FIRE EXTINGUISHER
- 7.2 DUPLICATE CONTROLS (ELECTRIC) FROM TOP PLATFORM
- 7.3 CARPET
- 7.4 MAHOGANY HANDRAILS
- 7.5 AUTOMATIC CONTROL FOR LIFTING

8.0 AIRCRAFT COMPATIBILITY

THIS PASSENGER STAIRWAY IS CAPABLE OF SERVICING:

A-300-600, A-310, A-318,A-319, A-320, A-321, A-330, A-340,
B-707-320B, B-727, B-737, B-747, B-747-SP, B-757, B-767,
B-777, DC8, DC10, L-1011, MD-11, TU-154,TU-154B AIRCRAFT