

SCHOPF PS 560 Passenger Stairs

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Passenger Stairs PS 560

Application

- for 2.40 - 5.80 m served door sill heights at -3° to $+3^{\circ}$ inclination (EN Regulations)
- 1.250 mm stairway-assembly inner width (optionally 1.480 mm)
- max. load 320 kg/m^2
- CAD designed with passenger comfort and aircraft safety in mind
- in accordance with the
 - European Machinery Directive
 - EN Norms
 - European Health and Safety Legislation
 - IATA AHM Recommendations
 - European JARs



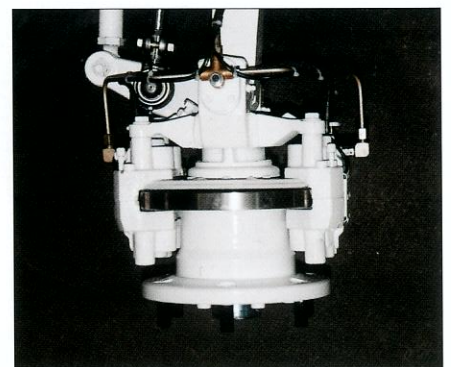
Optional auto-levelling system for safe adjustment of the main platform to the aircraft door sill height during embarkation and debarkation.

Closed cabin

Option: noise insulated, ergonomically shaped, closed cabin in sheet-metal structure.



Centre mounted driver's position, supported on rubber mountings to absorb vibrations; adjustable, cushioned driver's seat. Controls and instruments are ergonomically located.



Disc brakes on the front wheels



Open version as standard



Option: sun roof
over stairway structure

Low operating costs and
easy maintenance

The robust and straightforward
design comprising a purpose-built
chassis and stairs, together with
the highest quality off-the-shelf
components from major world
suppliers keep costs of ownership
low and operational availability at
a maximum.

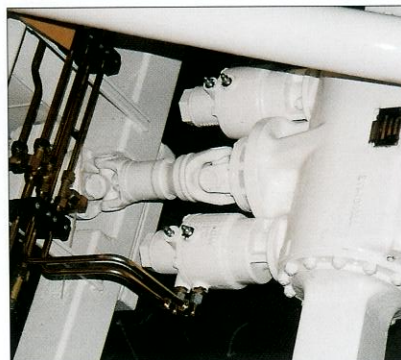
Option: all-weather canopy
(closed) over stairway structure



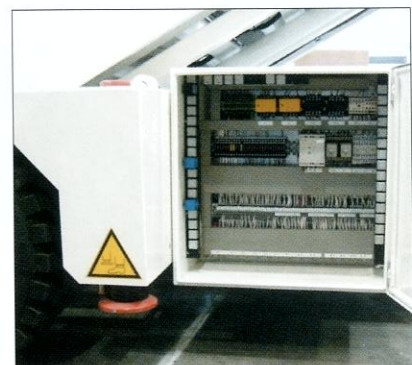
The hydraulic valve block and elec-
trical distribution system
are separately housed in side-
mounted weather-proof chests.
Their locations protect them against
collision damage.



Frame design
allows easy maintenance access
to the centrally located engine
compartment.



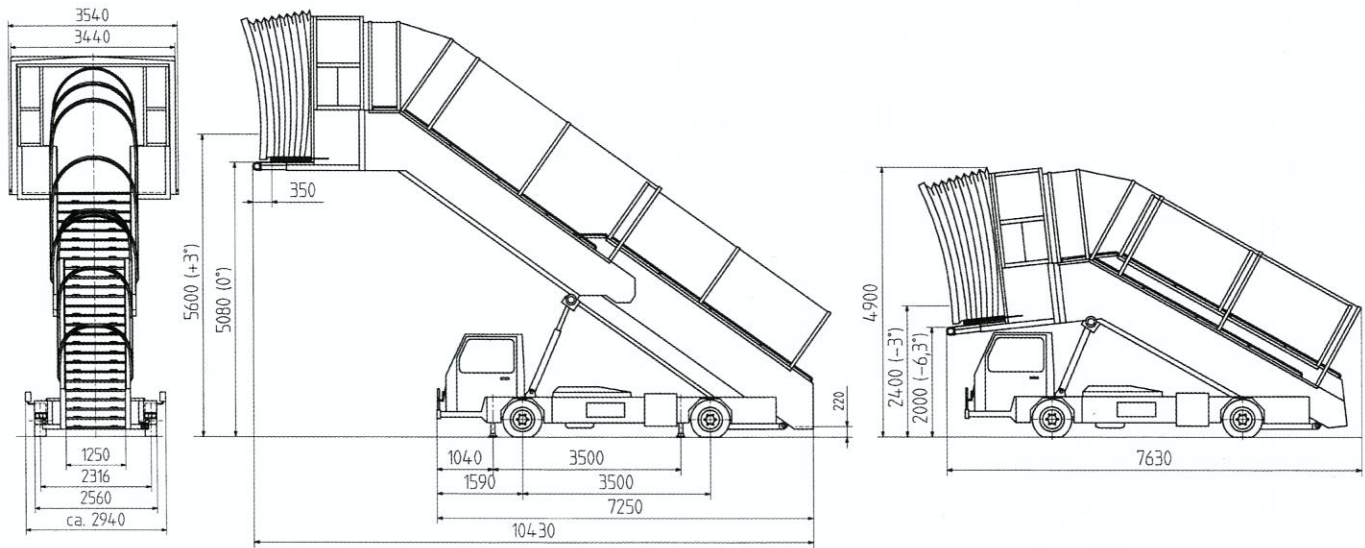
Maintenance-free
liquid-cooled lamella brakes (LCB)
acting on the rear wheels (only oil
change required)



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Technical data SCHOPF Passenger Stairs PS 560

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Chassis

Sturdy and distortion-free welded steel construction, 4 power-operated stabilizers

Engine

Air/oil-cooled Deutz F4L2011, Diesel, 4-cylinder, exhaust gas emissions acc. to the latest standards, 48 kW (65 HP) at 2,800 rpm

Drive train

Hydrostatic drive at rear axle differential

Axles

Front steering, rear driving with differential, both rigidly mounted to the chassis

Steering Fully hydraulic, Orbitrol controlled

Tyres Pneumatic tyres 225/75 x 15

Brakes

Disk brake on front wheels, LCB on rear wheels, dual circuit system, parking brake as failsafe brake acting on rear wheels

Stairway structure

U-shaped box sections, telescopic system for height adjustment, one cylinder for telescopic system, 2 cylinders for stairway angle adjustment

Steps

14 steps in the lower and 12 steps in the upper section, steps of Alusuisse special profile

- 1st step at 0° platform angle - height above ground 220 mm
- Step dimensions (w x h x d) 1,250 x 195 x 275 mm
- Height aluminium handrail 900 mm

Platforms

- Lower platform (w x l) 1,250 x 825 mm
 - Main platform (w x l) 1,900 x 2,900 mm
 - Height aluminium handrail 1,000 mm
- Control panel on main platform to adjust platform inclination; both platforms with non-slip aluminium sheet; sprung horizontal extension, swivelling by $\pm 5^\circ$, 350 mm travel, with rubber fender to protect the aircraft during approach

Auto-levelling system

Optional, for safe adjusting the main platform to the aircraft door sill height during aircraft embarkation/debarkation

Open driver's stand

Adjustable, cushioned driver's seat, controls and instruments ergonomically located within operator's reach, positioned in the middle of the chassis

- Electric system** 24 V
- Speed** max. 25 km/h
- Gradeability** min. 7%
- Max. wind speed** 40 - 60 kn (74 - 110 km/h)

Dimensions and weights

- Adjustment range (- 6.3° / + 3°) 2.00 - 5.60 m
- Standard main platform dimensions 1.90 x 2.90 m
- Optional larger platform dimensions (standard on fully enclosed all-weather canopy) 3.00 x 2.90 m
- Step width 1.25 m
- Total length (stairway retracted) 7.63 m
- Total height (stairway retracted) without all-weather canopy 3.40 m with all-weather canopy 4.90 m

- Total width without all-weather canopy 2.56 m with all-weather canopy 3.44 m
- Ground clearance 0.15 m
- Total weight w/o all-weather canopy approx. 8,000 kg incl. all-weather canopy approx. 9,000 kg
- Axle weight (stairway retracted) front approx. 3,800 kg rear approx. 4,200 kg
- Oil tank 80 l
- Fuel tank 80 l

Corrosion protection, painting

Cavity corrosion protection, steel parts sand-blasted, primer-coated (2 layers) painting as per customer's instructions

Options

- Larger main platform
- Sun roof over stairway
- All-weather canopy over stairway structure - stairs and main platform completely enclosed by transparent tinted acryl glass
- Auto-level system
- Open driver's cabin (without door)
- Closed driver's cabin
- Heating system for cabin
- Equipment required as per EN Regulations
- Video-camera to safely position at aircraft
- Distance warning device for positioning at aircraft
- Video-camera system for all-round visibility from vehicle rear end to the apron

Tolerance of mentioned data +/- 3%. Specifications subject to change without notice. Drawings and pictures may include options.