



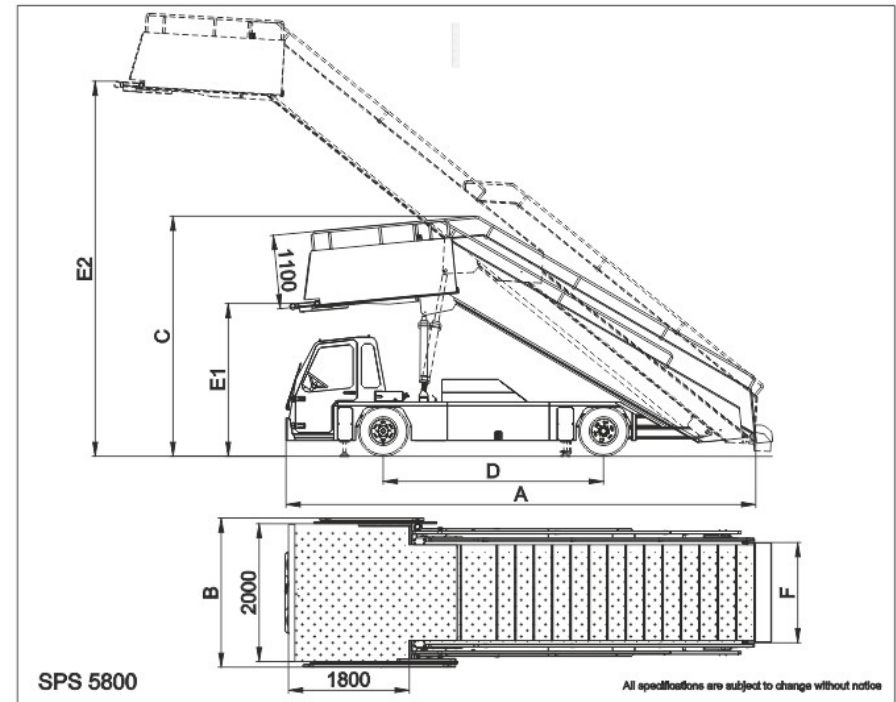
SPS 4500 / 5800 & EPS 4500 / 5800

CHASSIS	The chassis is designed by Timsan, produced by steel profiles and plates. The all stairs are stable against wind forces up to 75 km/h.
STAIRWAY	Stairways are provided by telescopic steps. Sidewalls and steps are covered by aluminum and checkered aluminum respectively.
PLATFORM	The platform is produced by steel profiles and its floor is covered by checkered aluminum. Side panels are retractable. The platform and side panels provide bumpers in order to prevent giving any damage to fuselage.
TRACTION SYSTEM	For diesel engine stairs ; the traction system is provided by a diesel engine with an electrically controlled power-shift transmission with torque converter. The both type have hydraulic assisted double circuit braking system with disc brakes. For battery powered stairs ; the traction system is provided by an 80 V AC electric motor powered with 80 V DC battery pack and controlled by high efficiency AC controller with regenerative braking system.
HYDRAULIC SYSTEM	The hydraulic system is provided by an oil tank, a hydraulic pump driven by engine, cylinders used for lifting/telescoping, lock valves, hydraulic valves and some other useful accessories. Emergency hand pump is also used in case of engine failure.
STABILIZERS	The stair is provided by 4 hydraulic stabilizers with lock valves.
SURFACES	The chassis, stairway and platform are custom painted.
ELECTRICAL SYSTEM	The electrical system is provided by two rear lamps, stair illumination lamps, adjustable headlamp, standard lighting for chassis and a beacon. The all accessories are controlled from a control panel.
OPTIONS	1500 mm stair width, driver's cabin, canopy, electrical emergency pump, custom painting, logo application, spare wheel.



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TIMSAN



Technical Data

	EPS 4500	SPS 4500	EPS 5800	SPS 5800
Overall Length (A) (mm)	6960	6960	7350	7350
Overall Width (B) (mm)	2170 / 2270	2170 / 2270	2170 / 2270	2170 / 2270
Overall Height (C) (mm)	3100	3100	3700	3700
Wheelbase (D) (mm)	3000	3000	3450	3400
Min./Max.Service Height (E1-E2)(mm)	2100 - 4500	2100 - 4500	2400 - 5800	2400 - 5800
Step Width/Optional(F)(mm)	1200 / 1500 (opt.)	1200 / 1500 (opt.)	1200 / 1500 (opt.)	1200 / 1500 (opt.)
Step Tread (mm)	270	270	270	270
Step Height (mm)	193	193	193	193
Number of Steps	21	21	26+1	26+1
Platform Dimensions (l x w)(mm)	1800 x 2000	1800 x 2000	1800 x 2000	1800 x 2000
Loading Capacity (kg)	58 People - 4350	58 People - 4350	70 People - 5250	70 People - 5250
Traction Motors / Engine	80 V (AC) / 18 kW	DIESEL 37 kW	80 V (AC) / 18 kW	DIESEL 37 kW
Traction Battery Pack(V/Ah)	80 (DC) / 665	—	80 (DC) / 665	—
Transmission	—	Power-Shift 2 FWD - 2 REV	—	Power-Shift 2 FWD - 2 REV
Max. Speed (km/h)	15	40	15	40
Dead Weight (kg) (approx.)	6500	5270	7200	6100
Shipping Dimensions (l x w x h)(mm)	7060x2370x3200	7060x2370x3200	7450x2370x3800	7450x2370x3800
Shipping Conditions	1 ea x 40' hc			

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