

## EPS 5800

### SELF-PROPELLED PASSENGER STAIRS



#### 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.

<b>HYDRAULIC SYSTEM</b>	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.
<b>STABILIZERS</b>	The stair is provided by 4 hydraulic stabilizers with lock valves.
<b>SURFACES</b>	The chassis, stairway and platform are custom painted.
<b>ELECTRICAL SYSTEM</b>	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.
<b>OPTIONS</b>	1500 mm stair width, driver's cabin, canopy, electrical emergency pump, custom painting, logo application, spare wheel.



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Eyüp Sultan Mh. Kartopu Sk. No.7

Sancaktepe, İstanbul, Turkey

+90 216 527 4270