



### • DESCRIPTION :

The **CHTP PM-5.9** is a self propelled vehicle equipped with a liftable lounge , for the transportation of elderly people or handicapped people between airport concourse and aircraft door and vice-versa.

Installable on various commercial trucks with G.V.W. between 7.5 tons and 8.5 tons (depending on options). This vehicle allows the transportation of a maximum of 2 handicapped persons and 2 stretchers or 6 handicapped persons at the same time as 2 attendants.

The **ERMA CHTP PM-5.9** can be used on at a very large range of aircraft : from M80/B737/A319 to B747/A340/MD11.

The **ERMA CHTP PM-5.9** is designed for intensive use, whatever the climate conditions, with simple and low maintenance costs.

### • STANDARD FEATURES:

**Driver's cab** - The vehicle is equipped with half cab based on the truck original manufacturers cab. This cab is sufficient for the driver of the **CHTP PM-5.9** only.

**Front platform** - For access to aircraft (1/2 width, 1100 mm), linked to passenger cabin, equipped with telescopic handrails, front bumper and anti-skid surface.

**Passenger lounge** - The body of the **CHTP PM-5.9** is manufactured with sandwich panels of 20mm thickness (2 painted steel plates with polyurethane foam). Equipped with an hydraulic forward adjustment system (600mm) usable from a height of 3500mm.

The liftable lounge is supplied with:

- \* One front sliding door.
- \* One rear sliding door
- \* 4 wide windows
- \* anti-skid surface floor
- \* interior lighting system

- \* one stretcher cupboard
- \* 2 foldable seats.
- \* 2 work lights for lifting device and front platform.

**Lifting tail gate** - Provided as standard with an embarked lifting tail gate equipped with foldable handrails and anti-skid surface. Allows transfer of one wheel-chair or one stretcher with one attendant. Maximum payload of 500Kg. Controlled either from ground or from inside passenger lounge.

**Lifting equipment** - Double scissors with four single acting, single stage cylinders. All cylinders equipped with safety valves. Passenger cabin height from 1.4m to 5.9m. Controlled from inside passenger cabin or from driver's cab.

**Jacking system** - 4 stabilizers supplied with safety valves and incorporated into the size of the unit allow a wind resistance up to 90km/h in raised position.

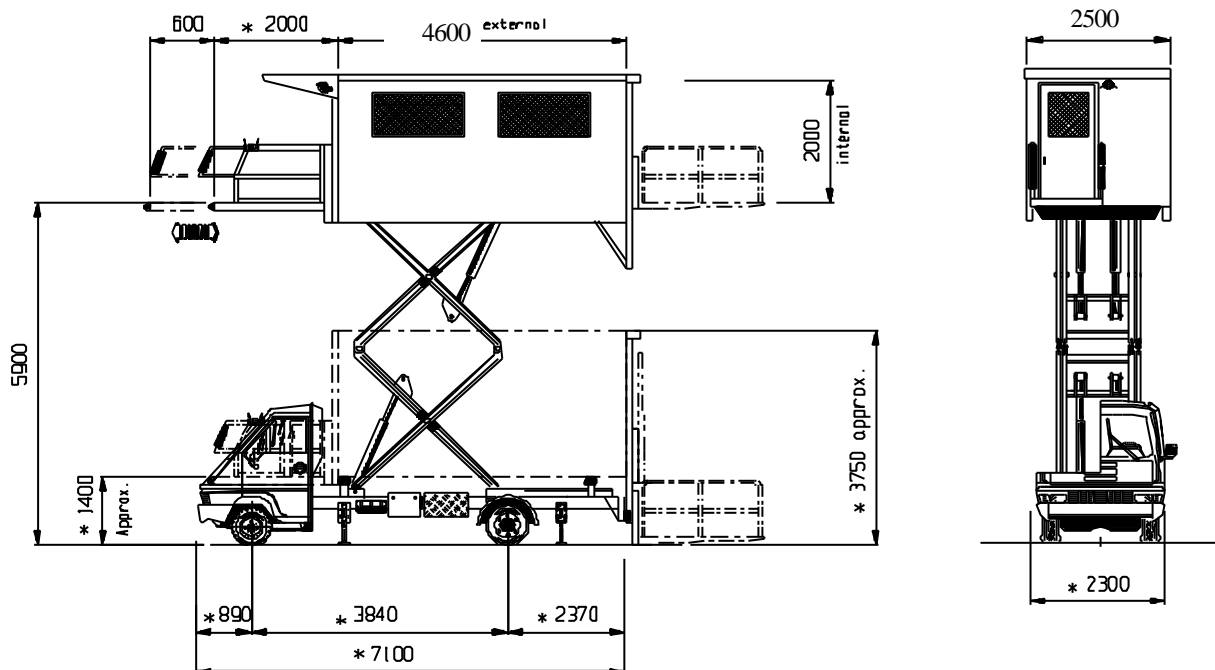
**Hydraulic circuit** - One gear type pump flanged to the truck PTO, one 70 liter hydraulic tank equipped with return filter and solenoid operated hydraulic valves in a cabinet easily accessible for maintenance.

One manual emergency pump allows piloting of all passenger cabin and jack functions in case of main pump or engine failure.

**Electrical circuit** - The **CHTP PM-5.9's** electrical circuit utilizes the 24 VDC electrical generation of the commercial truck (minimum capacity of batteries 140AH and alternator 55A). All main electrical components concentrated in one cabinet conveniently located and all components and manipulators external are waterproof.

- **OPTIONS AVAILABLE:**

- \* Wide driver's cab version (for medium and wide body only)
- \* Special ½ automatic platform for commuter aircraft (height 1200 mm)
- \* Rear step
- \* Reinforced insulation of the passenger cabin (polyester .45 mm)
- \* ½ telescopic platform
- \* Wider jacks (wind resistance up to 110km/h)
- \* Automatic handrails on rear tail gate
- \* Passenger lounge heater
- \* Air conditioner
- \* Additional foldable seat
- \* Clamping for additional wheel-chair or stretcher
- \* Communication system between lounge and driver's cab
- \* Special version for many wheel-chairs or stretchers (**CHTP GM-5,9** version)



\* Data are subject to change without notice and depend on commercial truck choice.



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