



DESCRIPTION

The **CHTP-GM-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. It can be installed on various commercial trucks with G.V.W. between 12 tons and 13 tons (depending on options).

This vehicle allows the transportation of a maximum of 10 handicapped persons and 1 stretcher or 6 handicapped persons and 2 stretchers at the same time as 2 attendants.

The **CHTP-GM-5.9** can be used on at a very large range of aircraft having a sill height including between 2 800mm and 5 900mm (see options available to use on the B737-300/600).

The **CHTP-GM-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 full cab based on the truck original manufacturers cab. This cab is sufficient for the driver and an attendant.

Front platform - For access to aircraft (full width), linked to passenger cabin, equipped a front platform extension 600mm and with telescopic handrails, front bumper and anti-skid surface.

Passenger lounge - The body of the **CHTP-GM-5.9** is manufactured with sandwich panels of 20mm thickness (2 painted steel plates with polyurethane foam). The liftable lounge is supplied with:

- * 1 front sliding door
- * 1 rear sliding door
- * 8 wide windows
- * Anti-skid surface floor
- * Interior lighting system
- * 1 stretcher cupboard
- * 2 foldable seats

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 - Single scissors with two single acting, double stage cylinders. All cylinders equipped with safety valves. Passenger cabin height from 2.8m 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.

CHTP-GM-5.9



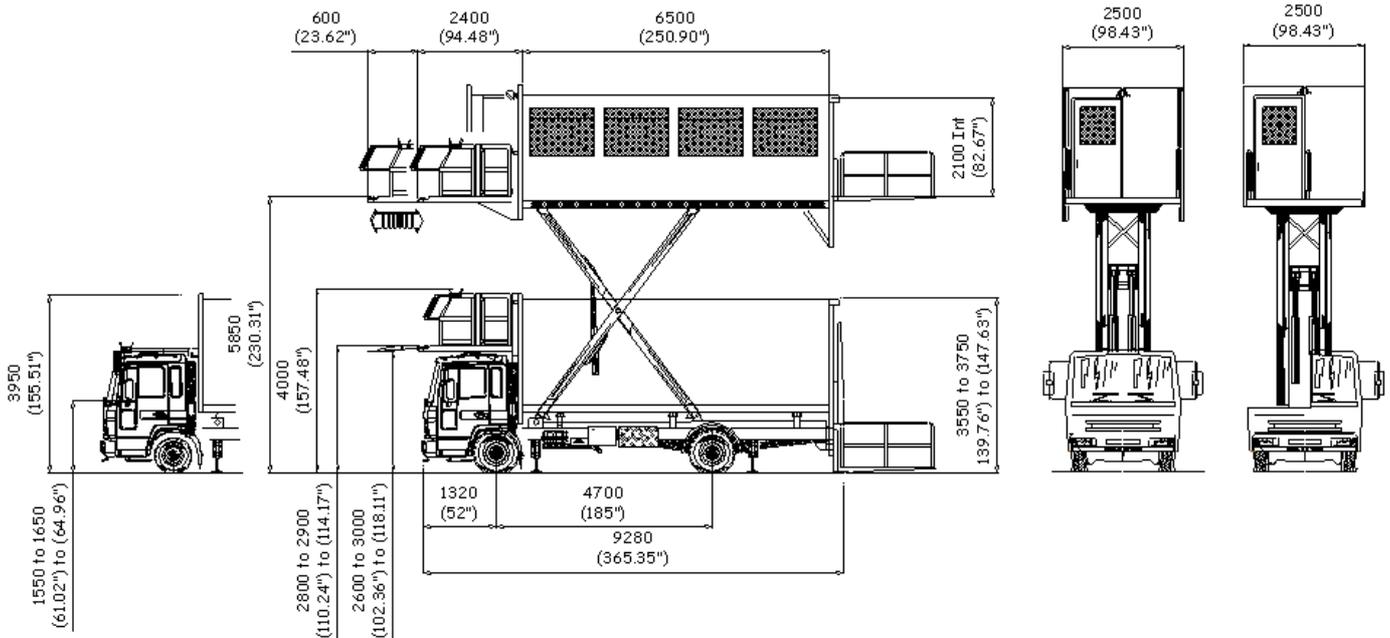
Hydraulic circuit - One gear type pump flanged to the truck PTO, one 70 liter hydraulic tank equipped with return filter and solenoid operated hydraulic valves in a cabinet easily accessible for maintenance.

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

Electrical circuit - The **CHTP-GM-5.9's** electrical circuit utilizes the 24VDC 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

- * Half driver's cab version (for medium and wide body only, level 1550mm to 5900mm)
- * Lowered driver's cab (level 2500mm to 5900mm) only on certain chassis
- * Automatic handrails on rear tail gate
- * Passenger lounge heater
- * Air conditioner in passenger lounge
- * Additional foldable seat
- * Clamping for additional wheel-chair or stretcher
- * Communication system between lounge and driver's cab



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Specifications may be altered as a constant effort to improve performance.
Tolerances of data: +/- 5 %. Some views may show optional equipment.