



AMBU LIFT

CHASSIS:

The Chassis is used for the Ambulift is Eicher-20.16 fitted with Power Take off Unit (P.T.O.) The Engine complying with latest emission norms.

CHASSISBASEFRAME:

Base Frame is fitted over the chassis with the side cleat angles which are fastened to the chassis, original holes by High-Tensile Bolts & Nylock nuts.

SCISSOR:

The Scissors are fabricated from high grade M.S. Plates. All Bushes and link brackets are welded with super C-2 welding electrodes.

VAN BODY:

Van Body is fabricated from M.S.C.R.Sq. Section 40x40x16 swg.

The Van Body is insulated with polyurethane puff sheets. The Exterior paneling is of Alu.18swg sheet at both side.

PLATFORM:

Platform is fitted to the van body unit sliding section which slides and rests over the rest brackets fitted to the base frame, while the van body fully comes down. While lifting the platform unit it aligns with the van body floor.

The Platform consist of:

- Fixed Platform
- Primary Platform
- Secondary Platform

TAILGATE:

Tail Gate is fitted at rear to the base frame structure. Tail Gate unit is made individual from the van body for better stability while lifting. The whole Tail Gate unit is mounted on box type pressed section which is welded to the base frame.

Tail Gate Consist of:

- Mounting Plate
- Rack & Pinion arrangement
- Tail gate platform
- Auxiliary Platform

HYDRAULIC:

The hydraulic system for the Ambulift is made compact & maintenance free. The hydraulic System is made in to two parts:

- Main Hydraulic System
- Hydraulic System for platform unit.

ELECTRICAL SYSTEM :

A compact electrical circuit is designed for the Ambulift. There are five control stations in the Ambulift.

MAIN CONTROL PANEL :-

Is the heart of the electrical system of the Ambulift. It is fitted to to the Ambulift sub frame at right end side of the body structure

OPERATING CONTROL PANEL (DRIVER CABIN) :-

It consist of push buttons, change over switch & toggle switches. Operations stabilizer up-down, van body up-down can be operated from this panel

CONTROL PANEL (VAN BODY) :-

Van body consist of van body up-down operation. A press & hold button is provided which is operated parallel for both up & down function

TAIL GATE CONTROL PANEL :-

Tail gate control panel consists of Tailgate operations Like tailgate up-down & open-close. A Pilot button or press & hold button is provided which is to be operated parallel for the above tailgate functions.

→ Chassis Eicher 20.16/TATA 1613C/52 WB with PTO or Equivalent.

→ Minimum Height of the front platform from the ground : 2650 mm.

→ Maximum Height of the front platform from the ground : 6000 mm.

→ Platform adjustment in and out : 600 mm.

→ Overall length of the unit : 9500 mm. App.

→ Overall Width of the unit : 2500 mm.

→ Overall height of the unit : 3800 mm.

→ Length of the rear body : 7000 mm.

→ Inside Height of the rear body : 2200 mm

→ Floor height of the rear body of the ground : 1600 mm.

→ Lifting capacity : 3000 Kg.

→ Platform capacity : 400 Kg.

→ Stabilizers : 4 Nos.

→ Type of Operation : Electro Hydraulic

→ emergency Operation : 12/24 Volt DC And hand pump

