



CHASSIS:

The Chassis is used for the Hilift (Full Cab/Half Cab) Wide body are Eicher-20.16/Bharat Benz 16.17/TATA 16.13 (Chassis of customer choice) or Hilift Narrow Body are Eicher -11.10/TATA- 7.10 fitted with Power Take off Unit (P.T.O.) The Engine complying with latest emission norms.

CHASSIS BASE FRAME:

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 Pipe . All Bushes and link brackets are welded with super C0-2 Mig welding

VAN BODY:

Van Body is Made of Ready Made XPS, PLY and GRP Sheet and Interlocked with Angel Framing work.. The flooring is of Marine ply and Aluminum Chequered Plate. There are two doors at front & rear of the van body with heavy duty self locks..

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

HYDRAULIC :

The hydraulic system for the Hilift 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 Hilift. There are three control stations in the Hilift.

HI-LIFT



MAIN CONTROL PANEL:

Is the heart of the electrical system of the Hilift. It is fitted to the Hilift sub frame at right end side of the body structure. Main control panel consist of PLC. Every function is incorporated on the PLC with Programming for ease of Operation.

OPERATING CONTROL PANEL (DRIVER CABIN) :-

It consist of HMI.. All Operations Van body, stabilizer, Platform can be operated from this HMI along with Emergency Stop is also provided for safety. Also HMI has problem Diagnostics Kit as well which displays the problems.. Also Separate Control Panel with Push button for all Operations is also provided,as extra feature

CONTROL PANEL (VAN BODY) :-

Van body consist of HMI.. Van body lights, fan & flood lights operation is incorporated in van body control panel HMI.

- ➔ 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



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