

TECHNICAL DESCRIPTION

SUBJECT: Box structure in steel sheet equipped as mobile workshop for general repair and assistance installed on your vehicle **Iveco 55S15DWH (cab 6+1) 4x4, 3400 wheelbase**

VAN BOX

Counter frame made of sturdy rectangular steel pipe and cold bent steel sheet, composed of two longitudinal elements connected together by welded transversal elements. The counter frame is bolted to the longitudinal members according to the truck builder directives

winch type spare wheel carrier installed under chassis

support structure in rectangular steel pipe and cold bent steel sheet

The floor of the platform is in anti-slip chequered steel plate, 3+2mm thick.

The roof is externally covered with steel sheet, and it's complete with side drips

The vertical walls and the doors are externally lined with chequered steel plate, 15/10 thick

All the vertical walls, the roof and the van doors are insulated by means of polystyrene foam, and internally lined with pre-painted white steel sheet.

External dimensions:

- length: 2500 mm approx.
- width: 2200 mm approx.
- height: 2000 mm approx.

The front wall is blind

The side walls have one sliding window each with external protections

The rear wall has a double lockable door, 270° openable, with side locks and door bumper

External painting of the van box with primer, and finishing in white color or in the color requested

Accessories

- n.1 rear access ladder sliding under the van
- n.1 winch type spare wheel carrier installed under chassis
- n.1 pair of mud guards for rear wheels
- n.1 tool box installed under the van box

LEFT SIDE WALL

Front structure

workbench dim 1000x350x900 ca mm high composed as follows:

- n.1 base for wheelhouse with side board
- n.1 chest of drawers with 3 drawers, with internal rubber
- n.1 working surface in phenolic multilayer 25mm high
- n.1 150 mm vice

Rear structure

open shelving 1000x350x900 ca mm composed of:

- n.1 open base
- n.1 working surface in phenolic multilayer 25mm high

RIGHT SIDE WALL

front structure

shelving 1000x350x1600 ca mm composed of:

- n.1 open base with side board,
- n.3 shelves with mobile dividers
- n.1 shelf with removable trays
- n.1 terminal with mobile devisers

rear structure

open shelving 1000x500mm composed of:

- n.1 open base
- n.1 working surface in phenolic multilayer

housing for 2 standard 14 liters gas cylinders for oxygen and acetylene (cylinders not supplied)

saddle to hold oxy- acetylene hose

ELECTRIC AND LIGHTING SYSTEM

- connection from the generating unit 400V socket to the compressor
- connection from 230V socket to a multiple socket having n. 4/5 universal sockets installed near the working bench
- 12V Led lighting system, all along the van box
- n.2 rotating lights 55 watt 12 V CC for external area lighting
- 230 V electric portable lamp for inspection, with 10 m of cable and spring type automatic cable reel
- n.1 portable manual cable reel with 25 m of single-phase cable 230V and standard sockets

INSTALLED EQUIPMENT

n.1 generating set mod having the following features:

- protection steel pipe type frame
- synchronous alternator, three-phase, self-excited and self-regulated
- petrol engine Honda GX 390, recoil start (11.3 HP)
- three-phase power: 7,0 KVA/ 1400 V/ 110,1 A
- single-phase power: 4 KVA/ 230 V/ 17,4 A
- protection IP 23
- sound level: 74 dBA
- current three-phase and single phase
- thermal and differential switch
- motor stop at oil low level
- external exhaust discharge by means of a flexible metal pipe

n.1 welder inverter, especially indicated for being driven by generating unit, having the following main features:

- adjustable welding current from 50 to 150 A
- useful electrode diameter from 1,4 up to 4 mm
- single phase power: 230V, 50 Hz n.1 welding set comprising face shield, hammer, brush, clamps and cables

n.1 electric air compressor having the following features:

- electric engine power: 2HP- three phase
- sucked air volume: 235 l/1'
- working pressure: 10 bar

The electric compressor is mounted on a tank having 50 l capacity, complete with the following accessories: safety valve, pressure gauge, air intake, pressure sensor, and engine protection

a series of accessories for the electric compressor including:

- n.1 extension air hose for compressed air, 10 m long, with quick couplings
- n.1 blow gun
- n.1 spray gun for washing
- n.1 tire inflating gun with pressure gauge, pneumatic screwing gun with square coupling 1/2"

n.1 oxygen acetylene welding set comprising:

- n.1 metallic case n.5 welding lances
- n.1 cutting lance n.2 pressure gauge
- n.2 pressure reducer n.2 valves
- n.1 rod and beam n.1 handle
- n.1 welding goggles n.1 lighter
- n.1 hose for oxygen and acetylene, 10 m long

- n.1 portable electric drill for holes up to 13 mm
- n.1 box containing cylindrical 25 bits for steel from 1-13 mm
- n.1 angular portable electric grinder with disc diameter 115 mm
- n.5 spare disks for portable grinder
- n.1 hydraulic jack, bottle type, 15-ton capacity

n.1 series of tools for battery check-up composed of:

- n.1 tool for cleaning battery clamps
- n.1 mixer for distilled water
- n.1 densimeter
- fork for battery test
- n.1 lifting handle for carrying batteries

Tools Assortment for car repair (137 pcs) inside a box, composed of:

- n.1 Pliers with straight nose for internal circlips/19÷60
- n.1 Pliers with straight nose for external circlips/19÷60

- n.1 Half-round extra-long nose pliers with straight jaws
 - n.1 Lock-grip pliers with concave jaws
 - n.1 Combination pliers
 - n.1 Lay-on slip-joint adjustable pliers
 - n.1 Heavy-duty diagonal cutting nippers
 - n.1 Hacksaw
 - n.1 Scissors for electricians
 - n.3 Full Contact long hexagonal sockets with thin walls/17-19-21
 - n.15 Full Contact bi hexagonal sockets/ 3/8÷1 1/4"
 - n.2 Extensions/125-250
 - n.1 Reversible ratchet with sealed mechanism
 - n.1 T-handle with sliding square drive
 - n.1 Universal joint
 - n.12 Double ended open jaw wrenches/ 1/4÷1 5/16"
 - n.1 Set of 5 bi hexagonal ring wrenches /10x12-11x13-14x17-16x18-19x22
 - n.1 Oil draining kit (16 pcs.)
 - n.1 Cross-type wheel nut wrenches (cars and light industrial vehicles)/17x19x22x1/2"
 - n.8 T-handle wrenches with jointed hexagonal socket/7-8-10-11-13-14-17-19
 - n.3 Spark plug sockets/16-18-20,8
 - n.1 Set of 8 angled hexagon keys/1/16÷1/4"
 - n.17 Combination wrenches/1/4÷1 5/16
 - n.4 Screwdrivers for slot-head screws/0,5x3x75-0,8x4x100-1x5,5x125-1,2x6,5x150
 - n.1 Screwdrivers for slot-head screws/1,6x8x175
 - n.1 Screwdrivers for PHILLIPS® screws/3x150
 - n.1 Screwdrivers for slot-head screws/0,8x4x35
 - n.1 Screwdrivers for PHILLIPS® screws/ 2x35
 - n.2 Screwdrivers for PHILLIPS® screws/1x75-2x100
 - n.7 Screwdrivers for TORX® screws/T10÷T40
 - n.1 Ribbed chisels
 - n.1 Assortment in plastic wallet (6 pcs.)
 - n.1 Mallets
 - n.2 Hammers for mechanics
 - n.1 Oilers
 - n.1 Flexible retrievers with magnetic head
 - n.1 Thickness gauges with long blades
 - n.1 Set of five files (990 M PA÷M PE)
- n.1 first aid box
- n.1 fire extinguisher ABC 6kg with carrier use and maintenance manual including spare parts section plane in English language