

SUBJECT: Box structure in steel sheet equipped as mobile workshop for general repair and assistance installed on your **Daily Iveco 55S15WH 4x4 3400 wheelbase**

VAN STRUCTURE

External dimensions:

- length: 3600 mm approx.
- width: 2200 mm approx.
- height: 2000 mm approx.

rear overhang extension

Base structure made of sturdy rectangular steel pipe and cold bent steel sheet electrically welded to a counter-frame of channel steel, fixed by bolts and brackets to the main beams of the truck chassis.

The floor of the platform is in chequered steel plate 3+2mm thick; sturdy uprights are welded to the platform to support the lattice work roof structure.

All walls are in rectangular steel pipe, internally lined with pre-painted white steel sheet and externally in steel sheet.

Polystyrene foam is placed between external and internal sheet to insulate the unit, both on the side walls and on the roof.

The rear wall has a double lockable door complete with closing bar

A jib crane is installed in correspondence to the rear door, with a boom which extends out for 1600 mm, complete with electric hoist brand Kito with chain, hook and trolley, 250kg capacity, for materials moving

INTERNAL ARRANGEMENT

- n.1 workbench 1000x700 mm with tools panel and fixed vice 120mm. The workbench is complete with lockable drawers
- a structure is constructed along the side wall, having dimensions 1300x350x1500h, composed of:
 - chest of drawer with drawers of different sizes with safety lock
 - shelving for different materials
 - shelving with removable plastic trays
 - top for materials
- n.1 water tank with tap and soap carrier
- n.1 paper reel
- n.1 first aid kit
- n.1 6 kg fire extinguisher
- n.5 steel jerricans for liquids
- n.1 pair of mudguards for rear wheels
- n.1 pair of supplementary pneumatic suspensions placed on the rear side of the Daily
- n.1 access ladde

GENERATING SET – ENGINE DRIVEN WELDER WITH ACCESSORIES

n.1 engine driven welder –generating set brand MOSA, composed of asynchronous alternator, three phase, self-regulated, self-excited, driven by diesel engine with electric start

Main characteristics:

continuous welding current, adjustable 20-190 A

starting voltage: 98 Volt

electrode diameter: 4 mm

maximum three phase power: 6 KVA at 380V, 50 Hz

maximum single phase power: 5 KVA at 220V, 50 Hz

sound level: 74 dBA

Also supplied: 10+10 m of cable with clamp and electrode holder, protecting mask, brush, scaling hammer, protection gloves

Electric system

- n.4 neon lights, 40 Watt power each, protected in suitable shock proof ceiling lamps
- n.1 main panel with safety switch, lighting and driving power switches
- n.1 external plug under the van box for connecting the unit to the generator or to an external network if available.
- n.4 panels with 220 Volt sockets
- n.2 panels with 380 Volt sockets
- n.1 ferrule complete with 5 m of cable and ground plug
- n.1 electric portable lamp 12 volt with 10 m cable on automatic reel winder, connected to the truck battery
- n.1 reel with 25 m of cable and n.2 sockets
- n.2 rechargeable led lamps

All the electrical connections are protected by plastic tubing with inspection boxes.

ELECTRICAL COMPRESSOR WITH ACCESSORIES

n.1 electric air compressor ATLAS COPCO, sucked air capacity 250 l/1', pressure 15 bar. air tank 100 l capacity, externally installed. Position to be defined according to the available space. The following accessories are installed on the air tank: safety valve, manometer, drain tap

also included:

- n.1 automatic hose reel complete with 6m of air hose
- n.1 spray gun for air-diesel mixture
- n.1 inflating gun with pressure gauge
- n.1 blowing gun

ELECTRIC TOOLS

- n.1 electric drill, brand Bosch, for holes up to 16 mm complete with column, installed on the workbench (the drill can also be portable), complete with vice and chuck
- n.1 angular electric, grinder, brand Bosch, with disc dia. 125 mm
- n.1 combined bench grinder, brand Nebes, with 2 wheels diam. 200
- n.1 electric screwdriver 3/4" brand Bosch, maxi. torque 600 Nm with 8 sockets wrenches from 17/36

EQUIPMENT FOR VEHICLE ELECTRICIAN AND BATTERY ASSISTANCE

- n.1 emergency starter voltage 12/24V, brand Air Liquid Cemont, peak current 2300A with cables and clamps
- n.1 compression test for diesel engines
- n.1 case containing 301 pieces for motor vehicle electrician (pliers, connectors of various types and dimensions)
- n.1 pair of electrician scissors
- n.1 soldering iron 200W
- n.1 refraction optical densimeter for battery liquid, anti-freeze and windshield washer
- n.1 funnel
- n.1 can 10 l for distilled water
- n.1 battery clamp puller
- n.1 lifting handle for carrying batteries
- n.1 brush for cleaning battery clamp
- n.1 assortment for electronics

OXY ACETYLENE WELDING SET

- n. 1 housing for your oxygen and acetylene cylinders
- n. 1 oxygen acetylene welding set Brand Fro and air liquid, in metallic case with 2 oxygen/acetylene reducers with gauge, 1 handle, 3+2 welding lances, 1 cutting lance, 1 cutting bit, 1 acetylene valve
- 10 + 10 m of rubber hose for oxygen and acetylene
- welding goggles, welding apron, welding gloves

WORKSHOP EQUIPMENT

- n.1 hydraulic-pneumatic elevator, 25 ton with removable handle, brand Pasquin
mini. height: 230 mm
stroke: 240 mm
weight: 35 kg

- n.2 hydraulic elevators, bottle type, 10 ton brand OMCN
mini. height: 240 mm
stroke: 150 mm
weight: 8 k

- n.2 stands for heavy trucks, adjustable, 12 tons, brand OMCN
mini. height: 450 mm
maxi. height: 750 mm
weight: 25 kg
- n.1 sliding gauge 1/20
- n.2 feeler gauge with 8 blades
- n.1 screw pitch gauge
- n.1 set of 3 pipe wrenches 1", 1"½, 2"
- n.1 under car trolley
- n.1 cross-type wheel nut wrench for heavy trucks
- n.1 oil plug wrench
- n.1 set of 8 pullers for broken screws (from 1 to 8)
- n.1 cam puller for stud screws from 5 to 20
- n.1 lubrication syringe diam. 40 length 25 cm
- n.1 big size crow bar mm 1000
- n.1 hammer 5 kg
- n.1 assortment of 150 tools for earth moving machines placed in a suitable lockable chest of drawers with compartments