

## TECHNICAL DESCRIPTION

**SUBJECT:** Lubrication and greasing equipment with fuel tank, installed on your Iveco T-Way AD380T47WH 6x6, 4500 wheelbase

### FUEL TANK

n.1 fuel tank 5.000l capacity in steel sheet, rear cab fitted, complete with loading port, level indicator and supporting saddles

- diaphragm pump, air-operated, 200 l/1' capacity
- litre counter with partial and total measuring, 220 l/1' capacity
- n.1 automatic hose reel for fuel delivery. The hose reel is fitted with a suitable 15 m of 1" rubber hose. A delivery gun is fitted on the end of the hose

### PLATFORM AND EQUIPMENT

#### Dimensions:

- length 4800 mm approx.
- width 2500 mm approx.

Supporting structure in tubular profiles and cold bent steel sheet electrically welded to a sub frame in channel steel, bolted to the main beams of the vehicle chassis.

The floor of the platform is covered in chequered steel plate, thickness 6mm mm.

Sturdy columns are welded to the platform and support the roof of the van.

Covering roof made of steel frame, top and front wall in steel sheet.

The side and rear walls are closed by sliding tarpaulins

### The following equipment are installed on the platform:

#### COMPRESSOR

- motor-driven screw compressor **KAESER MOBILAIR M20** complete with protection case
  - o work pressure: 7 bar
  - o delivered air: 2.000 litri / minute
  - o Diesel Motor: Kubota 14kw
- n.1 air tank, cylindrical 100 l capacity fitted with safety valve, air intake tap, graduated pressure gauge

- **n.1 series of hose reels as follows:**

- n.4 hose reel for oil delivery with automatic rewinding by means of a spring device, block system, and supporting frame for guide rollers. The hose reel is fitted with a suitable 15 m of ½" rubber hose.  
A delivery gun with litre counter is fitted on the end of the hose
- n.1 hose reel for grease delivery with automatic rewinding by means of a spring device, block system, and supporting frame for guide rollers. The hose reel is fitted with a suitable 15 m of ¼" rubber hose.  
A delivery gun is fitted on the end of the hose
- n.1 hose reel for coolant delivery in stainless steel, with automatic rewinding by means of a spring device, block system, and supporting frame for guide rollers. The hose reel is fitted with a suitable 15 m of ½" rubber hose.  
A delivery gun is fitted on the end of the hose
- n.1 hose reel for air delivery with automatic rewinding by means of a spring device, block system, and supporting frame for guide rollers. The hose reel is fitted with a suitable 15 m of ½" rubber hose  
A quick joint is installed on the end of the winder, where the following delivery guns can be connected:
  - blowing gun
  - spraying gun for air-diesel or air-water washing
  - tyre inflating gun with pressure gauge

All the hose reels are installed one besides the other. The delivery guns at the end of the hoses are placed into a suitable collecting tray.

On the platform there are 6 seats (4 oil+1 grease+1 coolant) for positioning standard 180 kg drums complete with the necessary fittings for quick and secure fixing of the drums. A cover and a follower plate are supplied for the use of the grease drum

### **For delivery of oil, grease and coolant, we supply the following pumps:**

- n.4 air operated pump for oil suitable for fitting to 180 kg drum, ratio 5:1, complete with quick joints for air intake and oil delivery, free flow max. capacity 18l/1'
- n.1 air operated pump for grease suitable for fitting to 180 kg drum, ratio 50:1, complete with quick joints for air intake and grease delivery, free flow max. capacity 1500 gr/1'
- n.1 air operated pump in stainless steel for coolant suitable for fitting to 180 kg drum, complete with quick joints for air intake and coolant delivery, max. capacity 30l/1'

### **HIGH PRESSURE WATER UNIT**

- n.1 water tank, 400l capacity approx., equipped with cover and breathing valve, grid frame in steel for fixing the tank to the platform, discharge tap for connection to the pump.
- n.1 high pressure piston pump brand **KARCHER** for cold water, driven by diesel engine Yanmar, capacity 15l/1' pressure maxi.180 bar, complete with pressure regulator and prearranged for detergent.
- n.1 hose reel for HP water, with automatic rewinding by means of a spring device, block system, and supporting frame for guide rollers. The hose reel is fitted with suitable ¼" rubber hose, 15 m long  
A washing lance is fitted at the end of the hose reel

### **WORKSHOP EQUIPMENT AND TOOLS:**

#### **GENERATING SET – ENGINE DRIVEN WELDING MACHINE WITH ACCESSORIES**

n.1 engine driven welding–generating set, composed of asynchronous alternator, three-phase, self-excited, self-regulated, driven by electric start diesel engine. The set is installed on a raised basement. Under the basement there is a compartment with doors

#### **Main characteristics:**

continuous welding current, adjustable 20-190 A

starting voltage: 70 Volt

maximum electrode diameter 4 mm

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

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

maximum power low voltage: 2KVA at 48V

sound level: 75 dBA

**The following accessories are comprised:**

- 10m+10m of cable with electrode carrier clamp and earthing clamp
- Protection shield
- Brush
- scaling hammer
- protection gloves

On the lubrication unit front wall, a work bench is installed having dimensions 1200x700 with fixed vice 120mm and lockable drawers

**ELECTRICAL SYSTEM**

- n.1 panel with 220V socket
- n.1 panel with 400V socket
- n.1 manual cable reel with 25 m of cable and n.2 220V sockets

**ELECTRIC TOOLS**

- n.1 electric drill for holes up to 13mm with column, installed on the workbench (drill may also be portable). The drill is complete with jaw and chuck
- n.1 electric combined grinder with two discs
- n.1 set of drill bits from 1 to 13 mm
- n.1 emergency starter voltage 12/24V, peak current 2300A with cables and clamps

**ASSORTMENT FOR EARTH MOVING MACHINE (151 PCS.) as follows:**

<b>Q.TY</b>	<b>DESCRIPTION</b>	<b>MEASURES</b>
4	Combination wrenches	24-27-30-32
13	Set of 13 double ended open jaw wrenches	6x7-8x9-10x11-12x13- 14x15-16x17-18x19-20x22- 21x23-24x26-25x28-27x29- 30x32
1	Pliers with straight nose for internal circlips	19÷60
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1	Lock-grip pliers with concave jaws	250
1	Box-joint adjustable pliers	250
1	Hacksaw	-
1	Shears for sheet steel	250
1	Scissors for electricians	-
16	Hexagonal sockets	22-23-24-26-27-28-30-32- 33-34-36-38-41-46-50-55
1	Extensions	200
1	Reversible ratchet	-
1	T-handle with sliding square drive	-

1	Universal joint	-
12	Set of 12 angled hexagon keys	2÷10
13	Set of 13 offset bihexagonal ring wrenches	6x7-8x9-10x11-12x13- 14x15-16x17-18x19-20x22- 21x23-24x26-25x28-27x29- 30x32
17	Set of 17 combination wrenches	6-7-8-9-10-11-12-13-14-15- 16-17-18-19-20-21-22
2	Ribbed chisels	150-200
6	Set of 6 pin punches	-
6	Assortment in plastic wallet (6 pcs.)	362/125-150; 364/125; 366/3x125-4x150; 368/4x125
1	Non-rebound mallets	35
2	Hammers for mechanics	300-500
1	Oilers	500
1	Crowbar	400
1	Rolling head bar	400
1	Flexible retrievers with magnetic head	1
1	Fast oil-filter wrench (cars)	-
1	Thickness gauges	19 L
5	Set of five files (990 M PA÷M PE)	990 M PA÷M PE
4	Screwdrivers for slot-head screws	0,5x3x75-0,8x4x100- 1x5,5x125-1,2x6,5x150
2	Screwdrivers for PHILLIPS® screws	1x75-2x100
1	Screwdrivers for slot-head screws	0,8x4x35
1	Screwdrivers for PHILLIPS® screws	2x35
1	Screwdrivers for slot-head screws	1,6x8x175
1	Screwdrivers for PHILLIPS® screws	3x150
1	Professional tape rules with shockproof covering	3
23	Assortment with hexagonal sockets in ABS case (23 pcs.)	-
1	Half-round extra-long nose pliers with straight jaws	160
1	Combination pliers	180
1	Heavy-duty diagonal cutting nippers	160

**The following equipment are also comprised:**

- Pneumatic equipment, water system and hydraulic equipment: for the feeding of the various services, with piping connecting compressor, air tank, and pumps, suitable for fluids, and relative working pressures; dehumidifying filter and reducer for the pressure adjustment, whenever it's necessary.
- n.1 jib crane with rotating boom for drums lifting, with central column swivelling on bearing, beam and manual chain hoist with sliding trolley having capacity 500 kg
- n.1 lockable case for containing tools and accessories
- n.1 lockable cabinet for filters

- n.1 fire extinguisher capacity 9 kg
- n.2 Jerricans in steel sheet capacity 20l for fluids in general
- Mud guards for rear wheels.
- Spare wheel holder

External painting in the colour requested

**SPARE PARTS:**

- n.1 kit of spare parts for first maintenance of motor- driven compressor
- n.1 kit of spare parts for first maintenance of air operated oil pump
- n.1 kit of spare parts for first maintenance of air operated grease pump
- n.1 kit of spare parts for first maintenance of air operated coolant pump
- n.1 oil gun
- n.1 grease gun