

## TECHNICAL DESCRIPTION

**SUBJECT:** Lubrication and greasing equipment with fuel tank, installed on your Iveco AD190T38WH 4x4, 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, 220 l/1' capacity
- litre counter with partial and total measuring, 150 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 4200 mm approx.
- width 2450 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:

- engine driven screw compressor Atlas 38KD complete with protection case
  - o work pressure: 7 bar
  - o delivered air: 2.000 litri / minute
  - o Diesel Motor: Kubota 15kw
- 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 cooling liquid 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 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 cooling liquid) 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 cooling liquid, 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 cooling liquid suitable for fitting to 180 kg drum, complete with quick joints for air intake and cooling liquid delivery, max. capacity 30l/1'

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.

**The following equipment are also comprised:**

- 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 engine 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 cooling liquid pump
- n.1 oil gun
- n.1 grease gun

## **OPTIONAL**

### **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 1/4" rubber hose, 15 m long  
A washing lance is fitted at the end of the hose reel