

**N. 1 BITUMEN/CUT-BACK (MC0)-EMULSION SPRAYING MACHINE Type SP/BE 100**

The spraying tank will be installed on your chassis MAN TGM 4x2 WB 4425

**TECHNICAL DESCRIPTION:**

**A) TANK CAPACITY** 10.000 litres of Bitumen, cylindrical section, constructed using S235JR metal sheet, 4 mm. thickness, swelled bottom 4 mm.

thickness, Coating swelled bottom 3 mm. thickness, complete of:

- basement in steel profile for fixing to vehicle chassis
- wave breakers within internal section
- man-hole ø 500mm, with ladder, service gang-way and breather
- level indicator
- bottom valve for emptying
- digital thermometer /thermostat for bitumen temperature control
- rock wool insulation 100 mm. thickness – density 100 Kg/m<sup>3</sup>
- external covering with ALLUZINK 10/10 thickness
- covering bottoms th. mm. 3
- roof-shield for instrument protection
- rotating beacon

**B) DIESEL ENGINE**, double-cylindrical, output power 28 HP./2000 r.p.m.,  
tm LOMBARDINI/KOHERL, 'Tropicalized' type including :

- electrical starter
- single disc clutch with handle control
- electro-stop
- flexible coupling

**C) BITUMEN SUCTION PUMP** – double inclination gears – mounted and submerged in the tank, in direct contact with the bitumen, including :

- 24.000 litres/hour output pump (400 lt/min)
- suction valve and output valve
- filter on suction line submerged

- **D) GASOIL HEATING** with 'U' pipes consisting of:
  - stainless steel flue hat
  - automatic and pressurized burner Tm RIELLO– thermo power 100.000 Kcal/h, 24V
  - fuel tank 100 litres capacity for burner feeding, diesel engine, bitumen pump and spray bar washing
  - flexible hoses
  - stainless steel exhaust fumes hat
  - electrical panel fed by your vehicle
  - micro-switch on minimum level of bitumen

**E) MANUAL SPRAYING HOSE**, complete with :

- n. 2 nozzles
- ball valve ,driven by the handle
- flexible hose – 4 metres length – complete with threaded connections

**F) SPRAYING BAR**, bolted to tank basement, complete with:

- side arms manually extensible, folding type, with n. 24 spraying nozzles
- adjustable for various widths, from m. 2.50 to m. 4.00, with pneumatic piston
- nozzles spaced on 158 mm. centres on spraying bar
- device to adjust height of nozzles from ground level, through n. 2 telescopic screws
- control for the opening and closing of the taps for the application of the product to the nozzles.
- automatic return at interrupted spraying for the preheating of the bar and nozzles
- Nr.2 Inox flex pipes ( delivery and return)
- nr.1 butterfly valve complete with pneumatic actuator

**G) DIGITAL SENSOR:**

- Digital Tachometer MPU
- Sensor to predetermine the quantity of bitumen and cut back to be sprayed

**All mounted close to the truck driver**

**H) INSTALLATION ON YOUR VEHICLE with application of:**

- mudguards
- rear lights adaptation
- splitting of loading weights on the axles
- speed limit adhesive disks
- yellow reflective tape
- reflective signs

