

**N. 1 BITUMEN AND EMULSION SPRAYING MACHINE our Type 'SP/BE 200'**

The tank will be mounted on your chassis.

**TECHNICAL DESCRIPTION:**

**A) TANK CAPACITY** 20.000 litres of Bitumen, emulsion and cut back, cylindrical section, manufactured using S235JR metal sheets, 4 mm. thickness, swelled bottom 5 mm.

thickness, complete of:

- basement in steel profile for fixing to vehicle chassis
- wave breakers within internal section
- man-hole ø 500 mm with stair, service gang-way with folding handrail
- level indicator 1/4 4/4
- 3" drain valve
- Thermometer/thermostat digital type complete with PT-100
- rock wool insulation 100 mm. thickness – density 100 Kg/m<sup>3</sup>
- external covering with ALLUZINK 10/10 thickness
- covering bottoms 3 mm thickness
- rotating beacon

**B) DIESEL ENGINE**, double-cylindrical, vertical, output power 26 HP./2000 r.p.m., 'Tropicalized' type including :

- electrical start from your VEHICLE
- single disc clutch with handle control
- electro-stop
- flexible coupling
- protection carter
- tm Lombardini/ Kohler

**s.PUMP** – bi-directional helical gears – mounted and submerged in the tank, in direct contact with the bitumen, including :

- 24.000 litres/hour capacity ( 400 lt/min)
- suction and delivery valve with by-pass
- filter

The pump is meant for: spraying, circulation into the tank and suction from another tank

**t.GASOIL HEATING** with 'U' pipes consisting of:

- automatic and pressurized burner - power 130.000 Kcal/h, fed by your vehicle, 24V

- 150 lt. fuel tank for burner and diesel engine supply, spraying bar and pump washing
- Stainless steel flexible hoses
- electrical panel fed by your vehicle
- Windproof inox chimney for exhaust gas
- micro-switch on bitumen minimum level

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

- n. 2 nozzles
- ball valve – opening/closing control for product's supply
- flexible hose – 4 mt. length – complete with threaded connections

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

- side arms, manually extensible, folding type, with spraying nozzles, adjustable for various widths, from 2,50 to 4,00 mt.
- device to adjust height of nozzles from ground level, through n. 2 telescopic screws
- spraying control through pneumatic piston fed from your vehicle and operated by the driver through a push button.
- automatic return at interrupted spraying for the preheating of the bar and nozzles
- nr.1 butterfly valve on return line, complete with pneumatic actuator
- nr.2 Inox flexible pipes ( for delivery to and return from the spraying bar)

**G) DIGITAL SENSOR:**

- digital tachometer MPU
- Sensor to predetermine the quantity of product to be sprayed, mounted on your vehicle

All mounted near the truck driver

**H) INSTALLATION ON YOUR CHASSIS WITH APPLICATION OF:**

- double rear mudguards
- rear light adaptation
- speed limit disks
- nr.2 rear reflectors
- yellow reflective tape on both sides