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## 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