

Bitumen/cut-back (MC0)-emulsion spraying machine type SP/BE 80

TECHNICAL DESCRIPTION:

A) TANK CAPACITY 8.000 litres of Bitumen, cylindrical section, constructed using FE.420 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/m³
- 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 80.000 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. 27 spraying nozzles
- adjustable for various widths, from m. 2.50 to m. 4.00, with pneumatic piston
- nozzles spaced on 110 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