

PHOENIX

Bitumen Distributor

FC Series



FC06R91
6,000 litre
Distributor



FC08R91
8,000 litre
Distributor

**Phoenix Model FC Series Bitumen Pressure Distributor
with 4.0m spray width R91 folding spraybar.**

- Capacity:** 6,000 or 8,000 Litres. Other sizes available upon special request (4,000 & 10,000 Litres).
Tank volume quoted is the absolute tank capacity. Useable capacity is dependent on the chassis tare weight & weight distribution when bitumen distributor is fully assembled on to the chassis.
- Tank:** Cylindrical shape, constructed of mild steel (shell 3mm, ends 5mm).
75mm thick rockwool fibre insulation and clad with aluminium sheeting.
460mm dia. manhole, cover, strainer basket and seal, access ladder, breather & drain valve.
Dial type thermometer.
Dipstick calibrated and marked with tank serial number.
Hot box for bitumen pump and fully insulated externally flued heating tubes.
- Oil Firing:** Two medium pressure atomising burners for diesel fuel firing through flame containing ceramic refractory liner into twin 220mm (8") dia. seamless steel 'U' shaped heating tubes.
Pressure fuel tank with all necessary valves, connections, filter, pressure gauge, filler pipe and cap. Air compressor operated by 'V' belt drive from pump drive engine.
- Spraybar:** Phoenix R91 Type 2 full circulating, constant pressure folding spraybar complete with valves and cone nozzles immersed within the spraybar for instant start and cut off, suitable for ganged and individual control. Hydraulic hand pumped height adjuster, pressure gauge and operator platform with all controls. Fixed centre section of spraybar 2.3m with two folding extensions for spraying up to 4.0m width.
- Bitumen Pump:** Rotary gear pump situated in hot box fitted in the end of the tank. Operated at the constant speed required by a suitably sized hydraulic motor.
- Bitumen Circuit:** Pump with separate full flow relief valve to maintain constant spraying pressure and protect circuit suction control valve. Circuit with filter and delivery side control valve to allow:
- Pumping into tank from external source
 - Pumping tank out to external source
 - Circulate tank contents
 - Circulate through spraybar
 - Barspray
 - Handspray
- Hydraulics:** Engine operated hydraulic pump, directly coupled to Yanmar 3TNM68 3-cylinder water cooled diesel engine (14.6KW @3600RPM) with electric start.
Large capacity hydraulic oil tank with filter, level indicator, control valve, filler opening, vent, hoses etc.
- Frame:** Mounted on steel sub frame, suitable for fitting to all makes of truck chassis.
- Finish:** Primed, primed undercoated and finish painted Black RHB machinery enamel.
- Accessories:** Operator manual and spare parts catalogue.
Signal system, operator-driver, wired to truck electrics.
Transverse movement to spraybar, lever operated.
- Optional Extras:** Filling hose 4.0m x 75mm bore with unions on 8000 model (3m length on 6000 model).
Contents Gauge.
Electronic Road Speed Indicator (tachometer).
Air operated on/off with remote control to cab.
Handlance complete with 4.5m hose.
- Country of Origin:** United Kingdom.

● Sole Distributor ●



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