

Multifunction Asphalt Distributor

Multifunction Asphalt Distributor is a new generation of economical and practical asphalt distributor, which developed by Metong company combined with Zhejiang University, Zhejiang University of Technology, based on China road condition and our company long terms of market experience.

Total vehicle with beautiful appearance, asphalt tank stainless steel out-cover, spraying atomization uniform, convenient clean-out system, with good temperature preservation function. It is convenient for operation and capable to control the spray value. The main fittings adopt most advanced technology. It especially shows the advantage "uniform" in operation when spray value is less than 0.8Kg/m².

This vehicle has awarded many function patents, its advantages include reliable Quality, advanced tech, and economy, our products have won high reputation and favorable comments from our customers, and they have been widely applied to high-way, road, airport and bridge construction.

Strongpoint:

- ☆ Asphalt tank stainless steel out-cover (Patent No. ZI 02 2 16280.1)
- ☆ Asphalt, water sprinkling double-purpose use.
- ☆ High-temperature asphalt, emulsified asphalt, modified asphalt convertible use function.
- ☆ Two sets pipeline cleaning system, needn't firing with blowtorch in advance.
- ☆ With heating equipment.
- ☆ Equipped with rear lighting system.
- ☆ Two set spray gun can work synchronously.
- ☆ Adjustable, rotary, tapered rear spraying nozzle.
- ☆ Folding type rear spraying pipe, with adjustable spray width 0-6m.
- ☆ With electronic monitoring operation equipment, complete control in cab.



I) Truck Chassis Technical Specs (Mercedes)

1624/4x2/4800/Short Cab



SPECIFICATION

Dimension(Lx W xH) (unloaded)		8736×2500×2975
Wheel base (mm)		4800
Curb weight (kg)		8000
Engine	Model	WD615.58 ,water-cooled ,four strokes ,6 cylinders straight in line , turbocharged, directly injection
	Power, max (kw/rpm)	175/2200
	Torque, max (Nm/rpm)	1000/1400-1600
	Emission	EUROII
Fuel tanker capacity (L)		300
Clutch	Model	GFX420, Single dry frictional disc , Hydraulic boosting
Gearbox	Model	8JS118
Brake system	Service brake	Brake gap can be adjusted automatically, double circulation air brake system
	Assistant brake	Engine exhaust brake
	Park brake	Potential springs pressing on middle and rear wheels
Steering system	Model	ZF8098,whole circulation in ball type, hydraulic boosting

Frame	Fish belly shape, variable width, variable sections	
Front axle (Mercedes Benz Technology)	Double-shoe pneumatic brake, non-driving steering axle	
Middle and Rear axle (Mercedes Benz Technology)	Double-shoe pneumatic brake, ductile casting casing, with hub redactor, double reduction driving axle	
Tyre	12.00R22.5	
Electrical system	Battery	2X12V/135Ah
	Generator	28V-35A
	Starter	5.4Kw/24V
Cab	Short cab, Full steel skeleton structure, covered with double layer steel plate; Can be tipped forwardly;	

II) Asphalt spray system technical specs.

Burner Diesel Tank Capacity (L)	35
Cleaning Diesel Tank Capacity (L)	25
Fuel Tank Capacity (L)	90
Hydraulic Oil Tank Capacity (L)	40
Decelerator Model	Z165
Decelerator Gear Ratio	5.8116
Gearbox Model	A13D
Asphalt Pump Model	CLB450
Asphalt Pump Displacement (ml/r)	450
Asphalt Pump Rotating Speed (r/m)	500 ~ 1000
Power Take-off Model	SDQ26/31PQ1-A
Burner Model	PQ-5
Air Compressor Model	V-0.2/0.8
Rated Atmospheric Pressure (Mpa)	0.6
Hydraulic Pump Model	CBQ-F550FPL
Hydraulic Motor Model	A2F63W2P2
Rated Pressure (Mpa)	21
Asphalt Tank Capacity (L)	8000
Nozzle	39
Asphalt Spraybar Width (m)	0~6
Asphalt Spraybar Value (kg/m ²)	0.3~3.0

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