Ref. XLS505A_DS_EN_V2026.01

XLS505A



XLS505A

Intelligent Asphalt Distributor

XLS505A Intelligent asphalt distributor is an automation product specialized in distributing emulsified asphalt, diluted asphalt, hot asphalt and modified asphalt. The product controls the whole process of asphalt spraying through the controller, thus the asphalt distribution amount is not affected by the change of speed, and the high-precision spraying is achieved. It is mainly used for construction and maintenance projects of highway, all grades of roads and municipal roads, suitable distributing construction of prime coat, bonding layer, upper and lower sealing layers of different grades of road surface.

XLS505A

Intelligent Asphalt Distributor

Performance and characteristics

- Starting strong spraying control technology realizes zero-distance starting spraying and uniform and reliable spraying of asphalt.
- One-to-one control of the nozzle is adopted , and the spray width can be adjusted freely.
- The touch screen display in cab records asphalt spraying area, distance .
- Intelligent control system, just set distributing amount of asphalt spraying per square meter, automatic spraying can be achieved.
- Conduction oil cyclically heats and preserves the heat of the tank, asphalt pump, nozzle, spray beam and asphalt pipeline, meeting construction requirements of different kinds of asphalt.
- Manual spray gun is optional for working at corners and special positions, meeting special working requirements.
- Sinotruk 4×2 China Ⅱ drive chassis engine, powerful and comfortable for driving.

Dimension in working configuration

Unit: mm

Main specifications

Item	Unit	Parameter
Model	-	XLS505A
Curb weight	kg	5430
Overall dimension	mm	6400×2100×2540
Volume of asphalt tank	m^3	4.2
Max. spraying width	m	4
Asphalt spraying amount	Kg/ m^2	0.2-3.0
Chassis model	-	Sinotruk ZZ1047D3414C145
Engine type	-	YN4102QBZL
Engine power	kW/（r/min）	85/3000
Driving mode	-	4×2

Notes:
Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.

XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com

Offical Website Facebook Youtube