

Sinotruck Howo 10 Cbm 12 Cbm Truck Mounted Bitumen Sprayer With Dongfeng Chassis

Our Product Introduction

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Basic Information

- Place of Origin: Hubei
- Brand Name: Sinotruck howo
- Certification: CCC
- Minimum Order Quantity: 1
- Price: 52700\$
- Packaging Details: nude with waxing
- Delivery Time: 30-35 working days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 50 units per month



Product Specification

- Name: Asphalt Spray Truck
- Chassis Brand: Sinotruck Howo
- Volume: 10000 Liters
- Wheelbase: 4600 Mm
- Engine: WD615.62
- Tire: 12.00-20
- Air Condition: Yes
- Spray Width: 4.5 M
- Spray Nozzles: 36
- Heating: Burner + Heat Transfer Oil Automatic Heating
- Highlight: 12 Cbm Truck Mounted Bitumen Sprayer, 10 Cbm Truck Mounted Bitumen Sprayer, bitumen spraying truck 10 Cbm



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Product Description

Sinotruck howo 10,000 liters asphalt spray truck

Asphalt spray truck introduce

Asphalt distributor truck is a type of black road construction machinery, which is the main equipment for the construction of highways, urban roads, airports, and ports. When using asphalt penetration method, asphalt layer surface treatment method to construct asphalt pavement or maintain asphalt or residual oil pavement, asphalt distribution vehicles can be used to transport and distribute liquid asphalt (including hot asphalt, emulsified asphalt, and residual oil). In addition, it can also supply asphalt binder to locally loose soil for the construction of asphalt stabilized soil pavement or pavement base. When constructing the permeable layer, waterproof layer, and bonding layer of the bottom layer of asphalt pavement on high-grade highways, high viscosity modified asphalt, heavy traffic asphalt, modified emulsified asphalt, emulsified asphalt, etc. can be sprayed. It can also be used for asphalt overlay and spraying in highway maintenance, as well as for the construction of asphalt roads at the county and township levels for implementing layered paving technology.

The intelligent asphalt distributor consists of a vehicle chassis, asphalt tank body, asphalt pumping and spraying system, thermal oil heating system, hydraulic system, combustion system, control system, pneumatic system, and

Our Product Introduction

operating platform**Asphalt spray truck introducestructure****(1) Asphalt tank**

It consists of an inner liner, insulation material, outer shell, partition, combustion chamber, asphalt pipeline inside the tank, thermal oil pipeline, air storage cylinder, fuel filling port, capacity meter, decorative panel, etc. The tank body is an elliptical cylinder, with two layers of steel plates welded together inside and outside, filled with aluminum silicate insulation material between the two layers, with a thickness of 50-100mm, and covered with stainless steel plates. There is a sink groove at the bottom to facilitate the absorption of asphalt inside the tank. There are 5 mounting feet welded to the auxiliary beam at the bottom of the tank, which are then fixed to the frame. The outer layer of the combustion chamber is a heat transfer oil heating chamber, and a row of heat transfer oil heating tubes are installed at the bottom. The capacity meter is used to indicate the height of asphalt inside the tank.

(2) Power transmission system

Composed of power take-off, pump transmission device, hydraulic system, etc. Generally, the hydraulic pump is driven by a power take-off installed on the output port of the chassis engine or transmission, providing necessary power for the asphalt spraying device. The hydraulic system consists of a hydraulic pump, relief valve, directional valve, hydraulic motor, hydraulic pipeline, etc.

(3) Asphalt pump and pipeline system

Composed of asphalt pump, filter, valve, spray pipeline, cylinder nozzle assembly, etc. By using different combinations of valves to control the flow direction of liquid asphalt in pipelines, the main functions are as follows: self-priming asphalt injection, rear pipe spraying, handheld nozzle spraying, circulation, suction, cleaning, etc.

(4) Asphalt heating and thermal oil system

It consists of a combustion heating system and a thermal oil circulation heating system.

(5) Asphalt pipeline cleaning system

There are two parts: diesel cleaning and high-pressure air flushing. The diesel cleaning part consists of a diesel tank, an inlet copper ball valve, and pipelines, while the high-pressure air flushing part consists of an air reservoir, a one-way valve, an air valve, etc.

(6) Electrical and control system

The electrical control system is divided into two parts: DC circuit and AC circuit. The DC circuit consists of a power take-off, a reducer, a cooler, a hydraulic directional valve, a rear nozzle lift, a rear work light control circuit, and an automatic control system circuit; The communication circuit consists of a generator, a burner, and a thermal oil motor circuit.

Main Technical specification

Item	UNIT	PARAMETER
Vehicle		Howo asphalt truck
Overall dimensions	mm	8500x2500x3450
Tank dimension	mm	3750/2350/1550 /ellipse
GVW		18570
Curb weight	kg	8720
Wheel base	mm	4600
Suspension	mm	1430/2405
Max speed	km/h	100
Axle Load	kg	7000/16000
Tire specification	12R22.5/7 units	Number of axles 2
Engine	Manufacturer	China National Heavy Duty Truck Group Co., Ltd
	Model	WD615.62
	Emission/kw	9726ml/196Kw, 266Hp
	Rate speed	2200 rpm
	Max torque / speed	1100 N.m 1100-1600 rpm
Chassis configuration	type	HW15710 gearbox
		HW15710 transmission +HW70 flanged force extractor; VGD75 front axle (drum); MCX16ZG Single rear axle (drum); Speed ratio 4.803; Double deck frame (8+5/300); Front and rear standard multi-blade springs (10/9+6); ECO108 steering machine; Standard exhaust system; High bumper (metal); Ordinary wheels; 12R22.5; TFT Meter (English)

Superstructure configuration

Items	Descriptions	Configuration
Bitumen Pump	Model	QGB950(high viscosity, made in China)
	Displacement(m³/h)	80
Hydraulic System	Country of Origin	China
	Hydraulic Motor Model	05-130-BD31
	Proportioner Valve Model	EFBG-03-160-HF(Taiwan)
	Place of Origin	Yuci, Shanxi
	Radiator Brand	Risheng
	Others	Automatic reversing valve and relief valve
Sprayer	Pump	CBQ550-L
	Spraying Material	Hot asphalt, hot modified asphalt, cutback asphalt, emulsified asphalt, rubber modified asphalt
	Spraying Width (m)	4.5
	Spraying Capacity(L/m³)	0.2~2.0

	No. of Intelligent Spray Nozzles	36
Burner	Model	G20(Made in Italy)(200000 kcal/h)
Thermal Oil Pump	Model	40-25-160(Made in China)
Gasoline Engine	Power(kw)	5.5(Made in China)
Control Mode	Computer control(Germany's Siemens CLW-36-01), one control one	
Heating-up Mode	Self-Heating by Thermal Oil	

Sinotruck howo 10,000 liters Asphalt Truck Image



Asphalt truck store site





Asphalt truck working at site



Export





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