



SINORoader

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One-stop Solutions For
Road Construction

SLURRY SEALER /MICRO-SURFACING PAVER

COMPANY PROFILE

Henan Sinoroad Heavy Industry Corporation is a world-famous road and bridge machinery manufacturer, located in Zhengzhou City, Henan Province. Our producing base is located in Weidu District, Xuchang City with factory area over 80000m².

Sinoroad has first-class production equipment and R&D team.

Our Vision: To be the supplier of turn-key solutions for road construction machinery applications!

Construction Technology of Slurry Seal

Slurry seal, or emulsified asphalt slurry seal, refers to a thin layer of asphalt surface treatment formed by mixing appropriately graded stone chips and sand as aggregate, emulsified asphalt (hereinafter referred to as "emulsion") as binder, adding a certain proportion of powder (cement, lime, fly ash, mineral powder, etc.), additives, water and other materials, making uniform slurry mixture, and uniformly spreading on the road surface according to the required thickness and width.

Slurry sealer is a special equipment for slurry seal technology construction, which meets the special working conditions of short mixing time, fast forming speed, thin paving thickness and other special working conditions, and meets the requirements of fast construction, low cost, wide application, low energy consumption and so on.



Equipment Use

Slurry sealing truck is a new generation of slurry sealing car developed by Henan Sinoroad Heavy Industry Corporation. based on years of engineering construction and equipment production practice, combined with market customer demand and feedback, which can be used for lower sealing layer, micro-surface, fiber micro-surface In the construction process, it is mainly used to deal with the



frictional resistance drop, cracks, ruts and other diseases on the road surface, so as to improve the skid resistance and water resistance of the road surface, improve the smoothness of the road surface and the driving comfort.



Among them, the newly developed SRXF1935 slurry sealer can realize automatic proportion-following viscous oil spraying, fiber shearing and adding and bitumen heating functions, and a fully upgraded mixing and conveying device. The maximum mixing volume of 4.5T/min and the maximum paving thickness of 50mm can not only meet the high-efficiency large-area high-speed, national and provincial road construction, but also realize the construction in mountainous, rural, and narrow areas of the community, and even meet the The demand for direct paving of new roads for low-grade roads in some foreign countries has broad market .



Equipment Advantages

The main vehicle chassis is equipped with an accelerator constant speed device, and the construction speed is constant, which effectively reduces the control intensity of the driver and ensures the construction quality;

After years of practice, it has the advantages of reliable work, convenient operation and maintenance, and high cost performance;

Using a high-power engine with strong power, it can easily handle the high-viscosity and quasi-demulsification paving construction of modified bitumen;

The fully upgraded paving device, the propeller blade is made of 10mm thick wear-resistant material, which prolongs the service life of the equipment, and the paving box can be quickly disassembled for hoisting and transportation, which is more user-friendly;

The newly upgraded large, medium and small serialized slurry sealing trucks have centralized control of the whole machine, complete display and early warning functions, humanized design, and easy operation;

The powder storage device is fully upgraded, the conveying is accurate without accumulation, and the new proportional control ensures the stable mixing ratio of aggregate, bitumen and powder;

Optional bitumen tank burner automatic heating temperature control device to meet the construction requirements of harsh conditions;

The key components are all internationally renowned brand products to ensure the reliability and stability of the whole machine;

Optional viscous oil heating and spraying, fiber shearing and adding devices to meet the construction process requirements of ultra-viscous fiber micro-surface.



The Main
Technical Parameters



Model:	SRXF0635
Chassis	HOWO4*2
Auxiliary Engine Power	70KW/2200rpm
Aggregate bin volume	3-6m ³
Emulsion tank volume	1.2m ³
Water tank volume	1.2m ³
Additive tank volume	—
Stuffing Box Volume	1x0.5m ³
Mixer output	Maximum 3.5T/min
Minimum speed	Around 1.5km/h
Paving thickness	3~15mm
Paving width	1.6~2.5m adjustable
Fiber cut length	—
Recommended fiber content	—
Dimensions	7650*2300*3080mm

The Main
Technical Parameters



Model:	SRXF1035
Chassis	HOWO6*4
Auxiliary Engine Power	73KW/2400rpm
Aggregate bin volume	10m ³
Emulsion tank volume	3.5m ³
Water tank volume	3.5m ³
Additive tank volume	400L
Stuffing Box Volume	2x0.5m ³
Mixer output	Maximum 3.5T/min
Minimum speed	Around 1.5km/h
Paving thickness	3~15mm
Paving width	2.5~4.3m adjustable
Fiber cut length	—
Recommended fiber content	—
Dimensions	10500*2500*3500mm

The Main Technical Parameters



Model:	SRXF1135
Chassis	HOWO/SHACMAN 8*4
Auxiliary Engine Power	75KW/2200rpm
Aggregate bin volume	12m ³
Emulsion tank volume	4m ³
Water tank volume	4m ³
Additive tank volume	400L
Stuffing Box Volume	2x0.5m ³
Mixer output	Maximum 3.5T/min
Minimum speed	Around 1.0km/h
Paving thickness	3~15mm
Paving width	2.5~4.3m adjustable
Fiber cut length	—
Recommended fiber content	—
Dimensions	11670*2520*3570mm

The Main Technical Parameters



Model:	SRXF1635(Fiber type)
Chassis	HOWO/SHACMAN 8*4
Auxiliary Engine Power	110KW/2300rpm
Aggregate bin volume	13-16m ³
Emulsion tank volume	4m ³
Water tank volume	4m ³
Additive tank volume	400L
Stuffing Box Volume	2x0.5m ³
Mixer output	Maximum 3.5T/min
Minimum speed	Around 1.0km/h
Paving thickness	3~15mm
Paving width	2.5~4.3m adjustable
Fiber cut length	0.1%~0.25%
Recommended fiber content	12mm,24mm
Dimensions	12000*2550*3570mm

The Main Technical Parameters



Model:	SRXF1935(Fiber type)
Chassis	HOWO/SHACMAN 8*4
Auxiliary Engine Power	110KW/2300rpm
Aggregate bin volume	19-22m ³
Emulsion tank volume	5m ³
Water tank volume	5m ³
Additive tank volume	400L
Stuffing Box Volume	2x1m ³
Mixer output	Maximum 4.5T/min
Minimum speed	Around 1.0km/h
Paving thickness	3~50mm
Paving width	2.5~4.3m adjustable
Fiber cut length	0.1%~0.25%
Recommended fiber content	12mm,24mm
Dimensions	12000*2550*3570mm



Project Case

Our Slurry Sealer/Micro-Surfacing Paver has been exported to 25 countries in Africa, Asia and Oceania to help their road construction projects, which have been recognized by customers. This is part of our case.



In August 2021, our company exported a slurry sealing vehicle to Iran



In October 2020, our company exported two slurry sealing vehicles to the Philippines



In July 2022, we again exported a slurry sealing vehicle to Iran