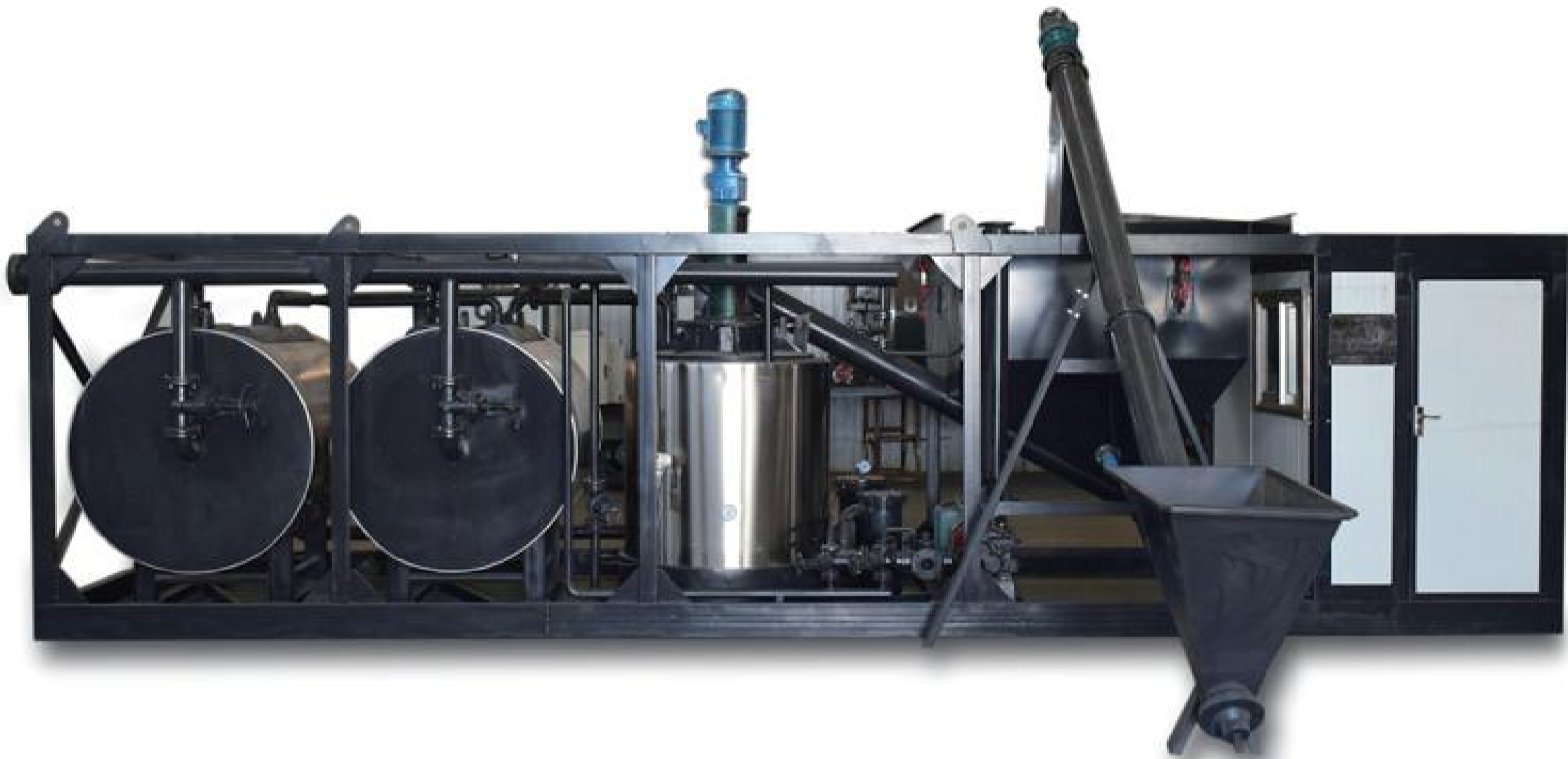


HENAN SINORoader HEAVY INDUSTRY CORPORATION



Crumb Rubber Bitumen Plant

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ABOUT US

HENAN SINORoader HEAVY INDUSTRY MACHINERY MANUFACTURING CO.,LTD,WE ARE LOCATED IN ZHENGZHOU CITY OF HENAN PEOVINCE,WHICH IS NOT ONLY ONE OF THE LARCEST INDUSTRIAL ENTERPRISE GROUPS OF CHINA BUT AL SO ONE OF THE KEY ENTERPRISES IN CHINA'S CONSTRUCTION MACHINERY INDUSTRY.OUR TOTAL ASSETS AMOUNT TO ABOUT RMB1.2 BILLION;WE HAVE ABOUT 1200 EMPLOYEES:OUR COMPANY COVERS A GROSS AREA OF MORE THAN 80,000M²

Crumb Rubber Bitumen Plant



RMB series rubber modified plant is a type of special equipment to produce rubber bitumen. It is capable of producing rubber bitumen stably, successively and efficiently. The finished rubber bitumen is featured by high-temperature stability, low-temperature flexibility, properties of aging resistance, endurance resistance and water resistance. Therefore, rubber bitumen is widely applied in express highway construction.

Specifications

Model	RMB-10	RMB-15	RMB-20
Max. Productivity (t/h)	10	15	20
Total power (kW)	185	205	255
Total weight (t)	35	41	45
Dimensions	7350*2800*3100	8150*2900*3000	8970*3100*3000

Product Advantage

Sinoroader | Main Features & Advantage:

- (1) The bitumen pipeline has the functions of unloading oil, circulation and production.
- (2) The rubber asphalt pump uses a high viscosity pump.
- (3) Tank mixing and rubber powder lifting adopt frequency conversion start, can use places with small capacity; adjust production; protect motor and mixing equipment in all directions.
- (4) Two TBL26 burners, the theoretical maximum heating power of 600kw. The temperature of 20 tons of asphalt can be increased by 80°C in about 2.5 hours
- (5) Small volume mixing tank, using knife-shaped mixing blades, breaking the block of rubber powder, can be evenly mixed with asphalt and rubber powder.
- (6) The tank top mixer adopts a bracket structure to isolate the heat source from the motor to ensure that the motor operates in a relatively low temperature environment.
- (7) The heat transfer oil circulation heating system can reduce the stirring installation position, and the relative residual at the bottom is small.
- (8) The heat transfer oil and asphalt are automatically controlled by temperature and are safe.

Structure & Components

Sinoroader | Bitumen Supply System

The asphalt accurately controls the asphalt feed rate through the flow meter and the asphalt pump frequency converter.



Structure & Components

Sinoroader | Rubber Powder Supply System

The rubber powder is added by spiral lifting plus dynamic metering spiral scale, and the rubber powder can be added at will without interrupting production. Dynamic spiral measurement can accurately calculate the instantaneous addition amount to ensure that the rubber powder and asphalt are mixed in proportion.



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Sinoroader | Mixing Tank

The mixing tank uses a stirring blade with shearing action to quickly break up the agglomerated rubber powder. The baffle baffle is added to increase the mixing effect of the rubber powder and the asphalt. A high alarm linkage is installed in the tank, and once the batch is stopped, the overflow can be avoided.



Structure & Components

Sinoroader | Rapid Heating Device

The rapid heating part uses heat exchangers to exchange heat between the asphalt and the heat transfer oil in a closed condition. It can increase above 50 °C during asphalt transportation. At the same time, the pneumatic control valve and the asphalt pump speed regulation double Insurance are used to adjust the asphalt heating temperature to ensure the production operation can be carried out under a very small temperature difference.



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Sinoroader | Finished Storage Tank

The development tank adopts the horizontal tank and the horizontal stirring method to avoid the problem of stirring the dead angle to the greatest extent. The geared motor adopts K-type gear reducer and has reliable performance.



PROJECT CASE



Hydraulic Drummed Bitumen Decanter in Uzbekistan
Tashkent, Uzbekistan, handles 300 tons of bitumen in bags
January 21th, 2020



Bitumen Melting Machine/Bitumen Decanter in Nigeria
Lagos, Nigeria, handles 800 barrels of asphalt
January 03th, 2020

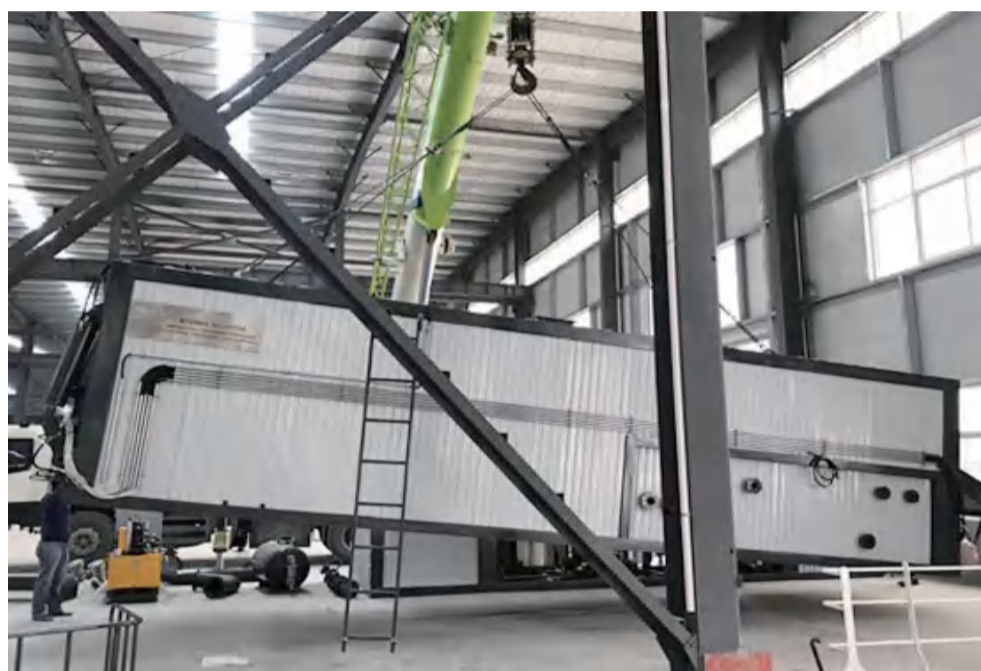


Bitumen Emulsion Plant in Ethiopia
Addis ababa, Ethiopia, treated 200 tons of asphalt for road
construction November 27th, 2019



Polymer Modified Bitumen Plant in Australia
Three hundred tons of modified asphalt were treated in
Melbourne, Australia. September 13th, 2019

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Hydraulic Drummed Bitumen Decanter in Thailand
Bangkok, Thailand handles 800 bags of bitumen
August 27th, 2019



Bitumen Emulsion Plant in Peru
Cusco, Peru, treated 200 tons of asphalt to build roads
July 18th, 2019



Hydraulic Drummed Bitumen Decanter in Philippines
Cebu in the Philippines treated 300 tons of bitumen in bags
June 07th, 2019



Bitumen Emulsion Plant in Africa
Cairo, Africa, treated 300 tons of asphalt to build roads
April 21th, 2019

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