



BITUMEN DECANter EQUIPMENT

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COMPANY PROFILE

Henan Sinoroader Heavy Industry Corporation is a word-famous road and bridge machinery manufacture,located in Zhengzhou City, Henan Province.Our producing base is located in Weidu District,Xuchang City with factory area over 80000m². Sinoroader has first-class production equipment and R&D team.

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



Team Members
our team of highly qualified and experienced technicians and designers



National Patent
we have received 22 national patents and 66 utility model patents



Cooperative Partner
our technical cooperative relationships with universities like Southeast University

Sinoroader has developed a comprehensive understanding of asphalt mixing plant technology. This mastery sets Sinoroader apart from its competitors and delivers true value to the road construction industry. Professional design team and mature production line can be meet customized needs.

Hook-Type Bitumen Decanter

Bitumen decanter is designed to extract the solid bitumen from the barrels, bags, and wooden cases, or something like that by melting method.



rely on a small crane to lift the barrel to the barrel-in position, and push it into the melting chamber by a Electric cylinder to remove the asphalt from the barrel.

-  Heat Transfer Coefficient According To The Working Conditions
-  Good Insulation Effect And Saves Energy
-  Automatic Slag Removal
-  Convenient Relocation

Technical Parameters

Model	HBD-24	HBD-30	HBD-36
Productivity(t/h)	2-3	3-4	4-5
Quantity of Asphalt Buckets	24	30	36
Asphalt Pool Capacity(m³)	12	15	18
Bucket Way	Electric		
Heating Method	Thermal Oil / Burner		
Power(kw)	14/19	14/19	14/19
Dimensions(mm)	8000*2250*2450	10000*2250*2450	11800*2250*2450

Main Features & Advantage »



The hoisting mechanism adopts a cantilever structure, and the asphalt barrel is hoisted by an electric hoist, and the asphalt barrel is placed on the turning platform by the movement of the rotary hoist.



The operation electrical control system can automatically turn over the barrel through the hydraulic device to make the asphalt barrel upside down, so that the asphalt can flow out of barrel.



The asphalt pipeline system is provided with a filtering device, which can automatically remove the slag of the barreled bitumen through the filtration of the filter.



Hydraulic cylinder speed can be adjusted according to actual needs.



The bitumen pump set has an internal circulation function to optimize the heat transfer coefficient and increase the bitumen melting speed.



The fully automatic hydraulic cylinder pushes the barrel into the asphalt melting chamber, which is easy to operate.

All-In-One Bitumen Decanter

Bitumen decanter is designed to extract the solid bitumen from the barrels, bags, and wooden cases, or something like that by melting method.

This equipment can melt barreled bitumen or bagged bitumen. One machine for two purposes. Meet different kinds of packing and save equipment costs.

-  Melt Barreled Bitumen Or Bagged Bitumen
-  Internal Circulation Function
-  Automatic Slag Removal
-  Convenient Relocation



Technical Parameters

Model	OBD-30/OBD-9
Productivity(t/h)	4-6
Quantity of Asphalt Buckets/block	30/9
Asphalt Pool Capacity(m³)	17
Bucket Way	Electric
Heating Method	Thermal Oil / Burner
Power(kw)	19/25
Dimensions(mm)	11500*2250*2450

Main Features & Advantage »



The hoisting mechanism adopts a cantilever structure, and the asphalt barrel is hoisted by an electric hoist, and the asphalt barrel is placed on the turning platform by the movement of the rotary hoist.



The operation electrical control system can automatically turn over the barrel through the hydraulic device to make the asphalt barrel upside down, so that the asphalt can flow out of barrel.



Automatic slag removal: the equipment has automatic slag removal function. the asphalt pipeline system is provided with a filtering device, which can automatically remove the slag of the barreled bitumen through the filtration of the filter.



Hydraulic cylinder speed can be adjusted according to actual needs.



The machine automatically reverses the oil barrel instead of manually turning over the oil barrel, which greatly reduces the labor intensity of the workers.



The flip barrel device is easy to remove, you can change the block and push the bitumen bags into bitumen melting chamber When need melt the bags bitumen.

Hydraulic Drummed Bitumen Decanter

Bitumen decanter is designed to extract the solid bitumen from the barrels, bags, and wooden cases, or something like that by melting method.

just put the barreled bitumen on the platform, and then the oil cylinder runs, the barrel enters the equipment and heats up to remove the bitumen. Turning and feeding the barrel is completed at one time. Save manpower and time, only 20s to complete a process.

-  Fast Turning
-  Internal Circulation Function
-  Automatic Slag Removal
-  Convenient Relocation



Technical Parameters

Model	BD-40E	BD-36D
Productivity(t/h)	8-10	6-8
Quantity of Asphalt Buckets	20x2	18x2
Asphalt Pool Capacity(m³)	17	15
Bucket Way	Hydraulic	
Heating Method	Thermal Oil/Burner	
Power(kw)	18.5	25
Dimensions(mm)	10500*2250*2450	10000*2250*2450

Main Features & Advantage »



Turning over the barrel and turning the barrel into mixer can be completed in one time, single bitumen decanting process takes less than 20s.



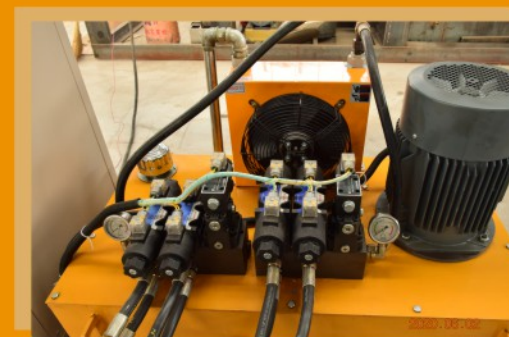
The machine automatically reverses the oil barrel instead of manually turning over the oil barrel, which greatly reduces the labor intensity of the workers.



The bitumen pump set has an internal circulation function to optimize the heat transfer coefficient and increase the bitumen melting speed.



The electrical operating system uses in both manual and automatic ways.



Hydraulic cylinder speed can be adjusted according to actual needs.



Automatic slag removal: the equipment has automatic slag removal function. the asphalt pipeline system is provided with a filtering device, which can automatically remove the slag of the barreled bitumen through the filtration of the filter.

Main Features & Advantage >>>



Adaptability: It can be customized according to various sizes of asphalt drums.



Environmental protection: closed structure, no pollution.



Convenient relocation: the whole machine adopts modular design and compact structure, which is convenient for relocation and quick assembly.



PROJECT CASE

Our drummed bitumen decanter 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.



Hydraulic Drummed Bitumen Decanter in tonga. handles 300 tons of bitumen in bags May 25th, 2021



Hydraulic Drummed Bitumen Decanter in Tanzania. Tanzania handles 800 bags of bitumen January 27th, 2022



Bitumen Melting Machine/Bitumen Decanter in Mauritius. handles 800 barrels of asphalt August 19th, 2021



Bitumen Melting Machine/Bitumen Decanter in Indonesia. Indonesia treated 200 tons of asphalt to build roads May 18th, 2022