



HENAN SHENGMAO MACHINERY CO., LTD.

Asphalt Plant Professional Supplier and Exporter

Optimal Efficiency and Superior Performance



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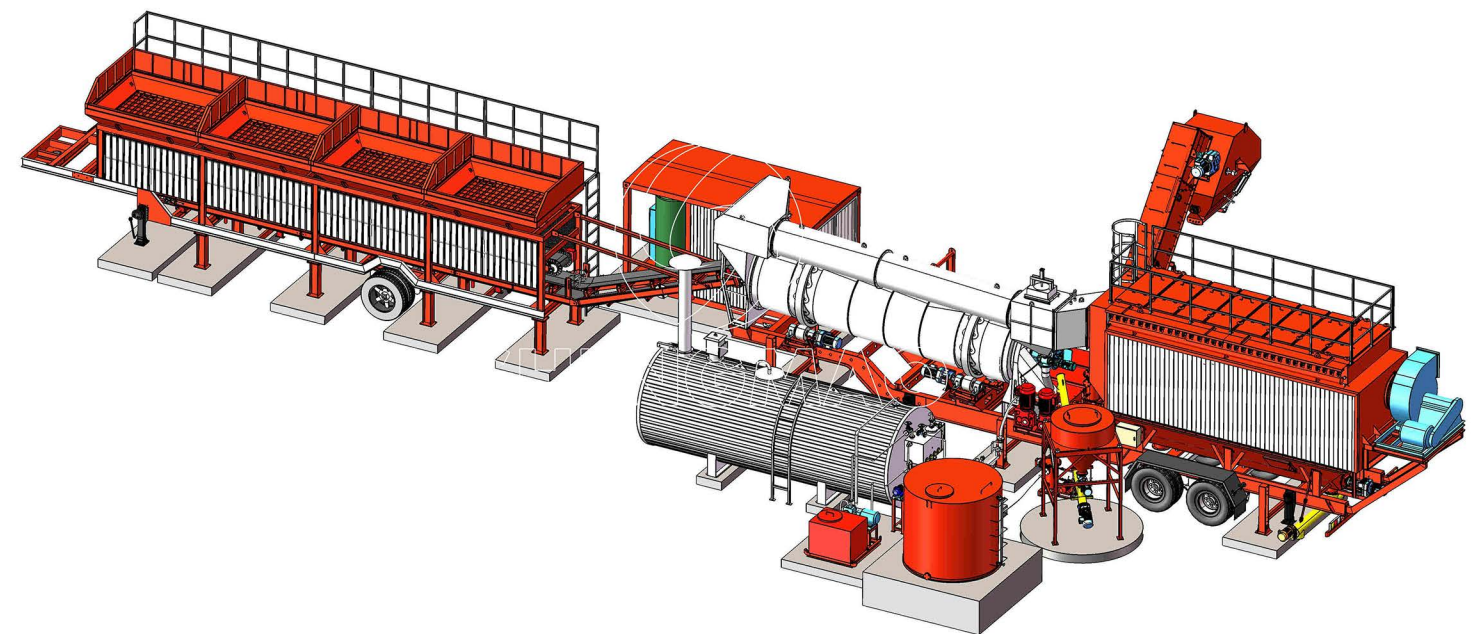
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High Mobility and Quick Deployment

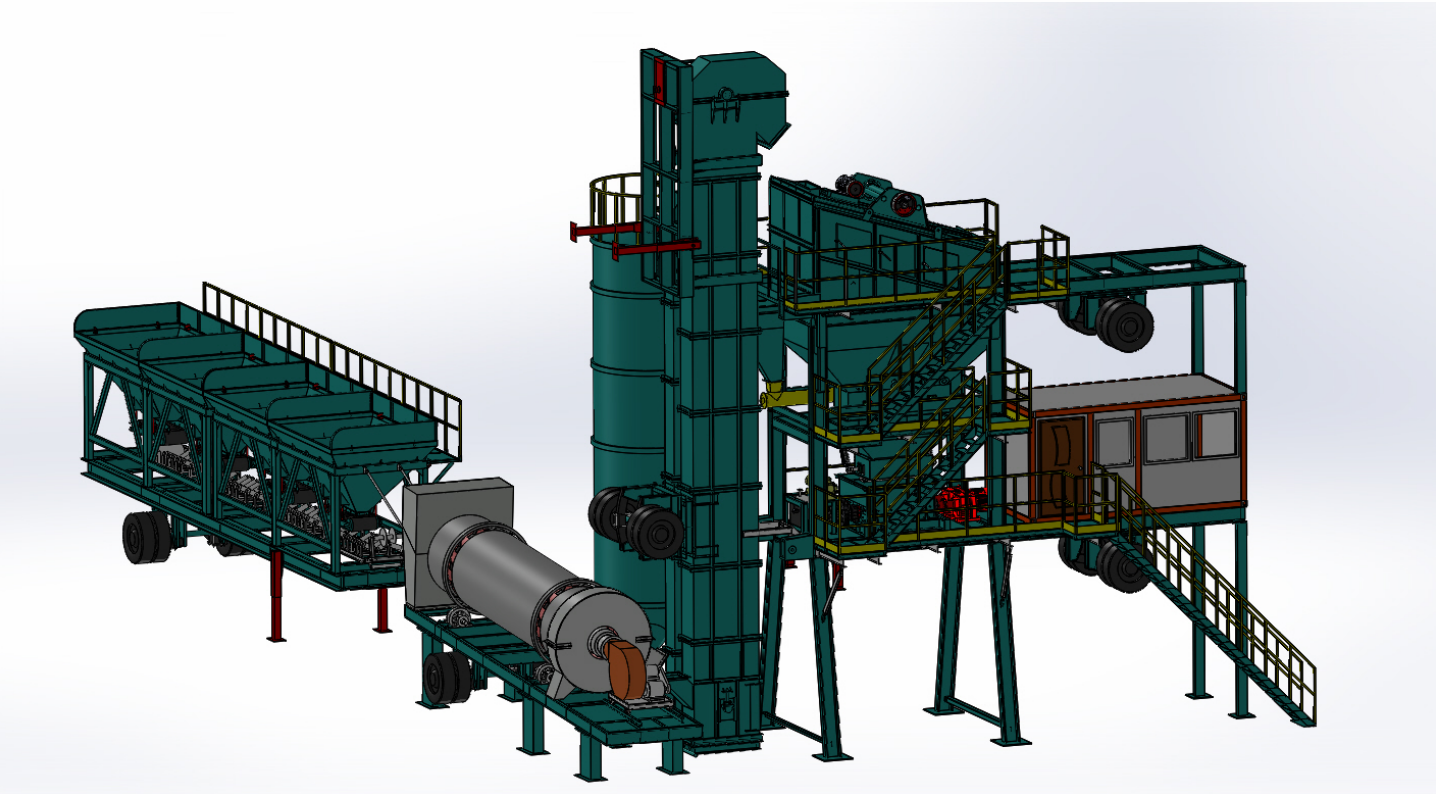
Adopting Korea DMI structural design, the plant offers excellent mobility, compact footprint, and convenient transportation. Its modular units enable quick assembly and disassembly, minimizing downtime between projects.

Stable and Reliable Full-Automatic Control

Equipped with a simple yet efficient production process and a high-reliability control system, the plant ensures seamless coordination between units, fully automatic operation, and consistent production quality.



This mobile asphalt plant is designed for fast relocation, efficient production, and minimal site requirements. It integrates mobility, reliability, and automation to meet diverse construction needs with reduced downtime and operational costs.



Model	YLB1000	YLB1200	YLB1500	YLB2000	Remarks
Total power	215kw	235kw	340kw	430kw	Standard configuration
Capacity	80T/H	100T/H	120T/H	160T/H	5% moisture
Mixer Capacity	1000kg	1300kg	1500kg	2000kg	Rated
Mixing period	45s				
Cold aggregate kinds	4			4/5	
Fuel consumption	≤6.5kg/T finished product				Light/Heavy oil/Gas
Finished product temperature	140°C-180°C				
weighing precision	±2.5%				Dynamic
Air emission concentration	≤20mg/Nm³				NOMEX Bag filter
Trailing speed	40-100Km/h				Air brake System
Trailer quantities	5 units				Excluding Bitumen tank, Filler silo

High-Efficiency & Precision Production

Unique mixing blades, high-accuracy weighing systems (bitumen ±2.5%, aggregate ±1.5%, mineral ±0.5%), and PC+Siemens PLC control with WiFi remote monitoring and fault diagnosis ensure stable, efficient operation.

Eco-Friendly & Energy-Saving Design

USA NOMEX high-temperature filter bags, dual-pulse dust collection (emission ≤20 mg/Nm³), noise ≤90 dB(A), and an Italy-patented multi-fuel burner, combined with precise metering and an energy-saving heating system, reduce consumption while meeting environmental standards.



This asphalt mixing plant integrates advanced environmental protection, high efficiency, and intelligent control technologies. It features precise weighing, reliable performance, and a modular design for easy transport, installation, and maintenance.

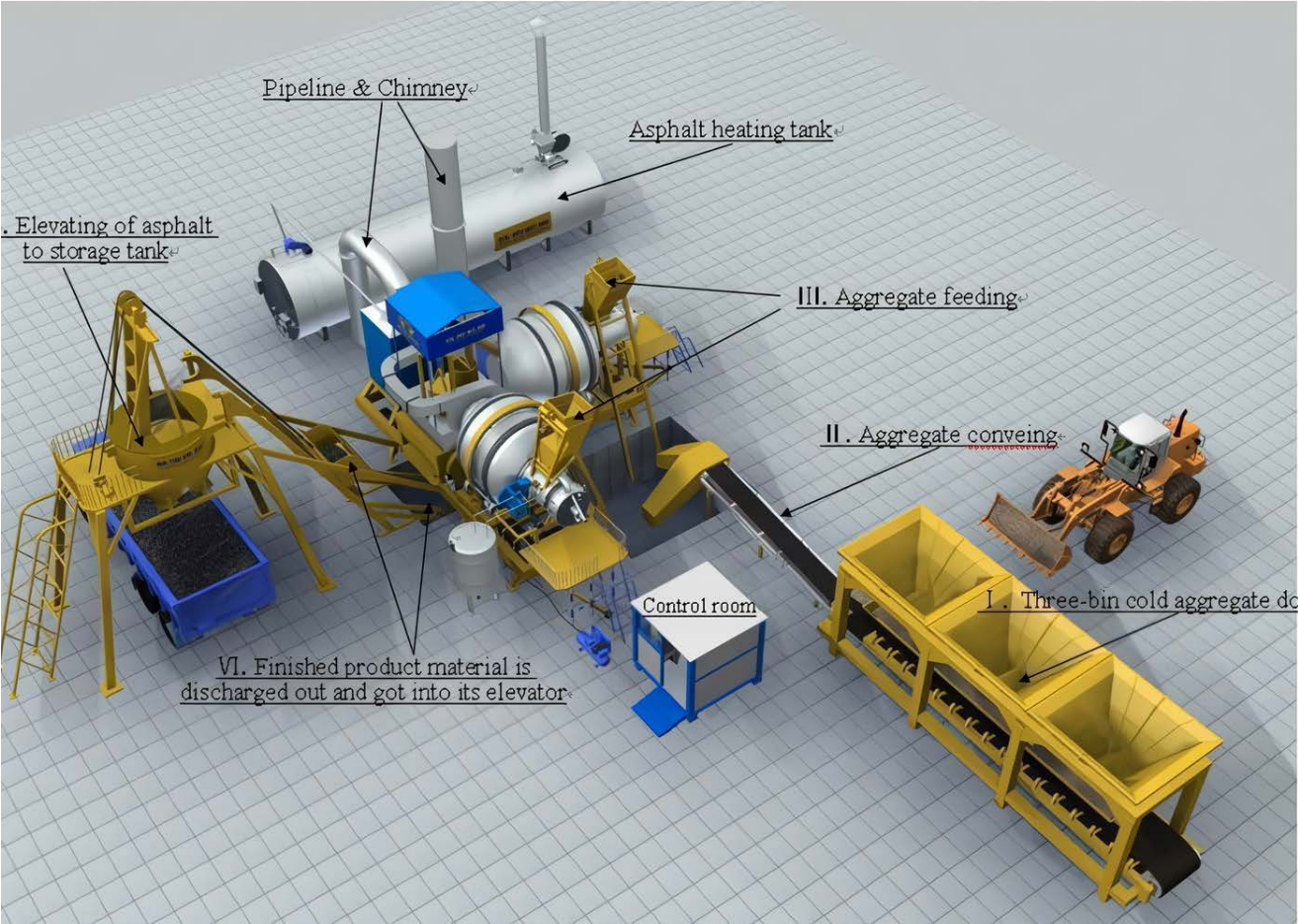
Model	LB60	LB80	LB100	LB120	LB160	LB240	LB320
Installation Power(kw)	154	215	232	340	430	600	860
Rated Capacity(T/H)	60	80	100	120	160	240	320
Cold Aggregate Kinds	4*6.5m³	4/5*8m³			5/6*12m³	5/6*15m³	6*15m³
Drying Drum Length/Diameter	6.5m*Φ1.5m	7m*Φ1.7m	7m*Φ1.7m	8m*Φ1.8m	9m*Φ2.25m	10m*Φ2.5m	10m*Φ2.7m
No. of Screen Layers	4 layers	4 layers	4 layers	4/5 layers	5/6 layers	5/6 layers	6 layers
Vibrating Screen	Double Italy OLI Brand Vibrator Liner type						
Mixing Period(s)	45						
Capacity of Mixer(kg)	800	1000	1300	1500	2000	3000	4000
Fuel Consumption	≤6.5kg/T finished product						
Fuel Type	Heavy oil/Diesel/Coal/Natural gas/Liquefied petroleum gas						
Dust Collecting Model	Gravity dust collector+ NOMEX Bag House Dust Filter						
Control Method	Manual/Automatic						
Temperature of Finished Product	140-180°C						
Emission Concentration	≤20mg/Nm³						
Finished Product Silo	20/40/60/80/100/120/200T Bottom Type(Optional)						

Modular and Flexible Configuration

Each unit is modular and can be connected seamlessly, allowing the plant to be customized for different site layouts and project requirements while simplifying installation and relocation.

High-Quality Asphalt Mixing

The horizontal twin-shaft mixer ensures thorough and uniform blending of materials, providing consistent asphalt quality suitable for various road construction applications.



The QLB series is a portable twin-shaft asphalt mixing plant featuring a modular design, combining a batch-type drying drum with a horizontal twin-shaft mixer. Its modular structure allows flexible configuration, quick assembly, and reliable asphalt production across capacities from 10–80 t/h.

Model	QLB-10	QLB-15	QLB-20	QLB-30	QLB-40	QLB-60	QLB-80
Capacity	10	15	20	30	40	60	80
Fuel	41.5	54	63.5	104.5	125	157.5	200
Coal	57.5	75	86.5	127.5	169	205	276
Aggregate Batcher	-----	-----	2.3m³*3	5m³*3	5m³*3	5m³*3	5m³*3
Weight of product silo(T)	2	5	5	9	9	9	20
Discharge temperature	120-180°C (adjustable)						
Fuel consumption	Fuel oil: 57.5kg/t Coal:1315kg/t						
Optional components	Coal breaker, Water filter, Bag filter, Control Houses, bitumen heating tank						

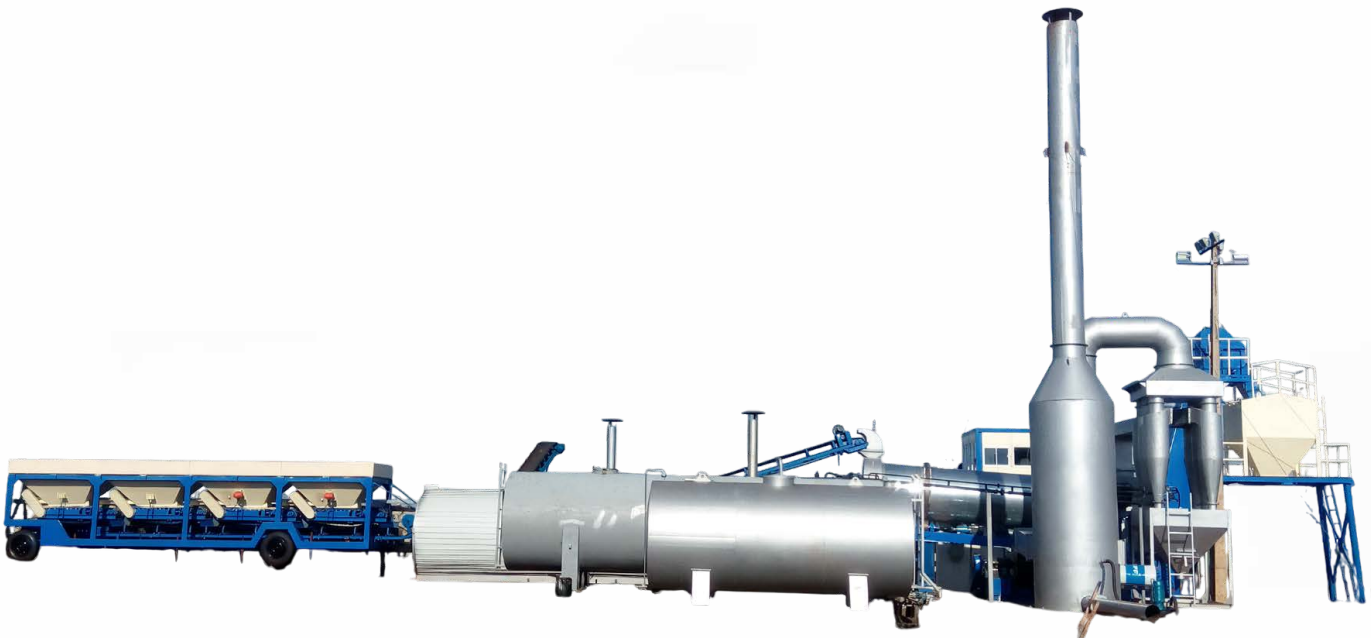
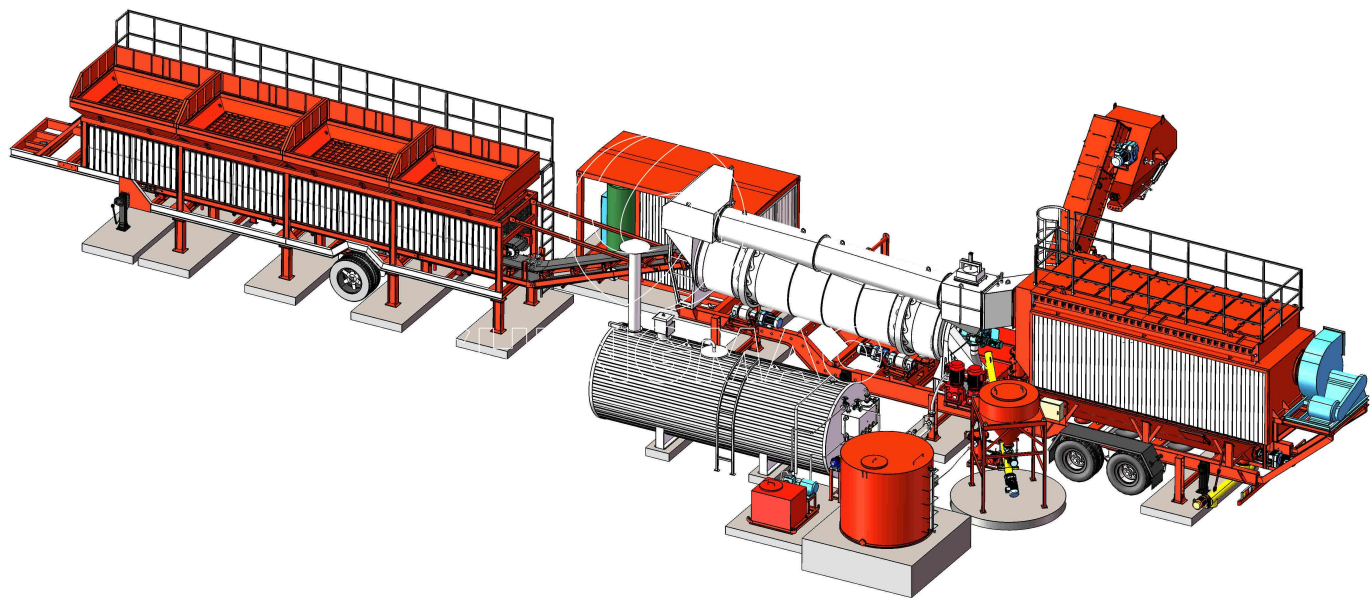
MDHB Mobile Drum Mix Asphalt Plant

Superior Mobility

Mounted on a wheeled trailer chassis, the MDHB series can be transported easily, quickly assembled, and dismantled, ensuring minimal downtime when moving between projects.

Flexible Project Adaptation

Its mobile configuration allows seamless operation in varied locations, supporting both short-term and fast-paced construction schedules without compromising asphalt quality.



The MDHB series continuous asphalt mixing plant combines all core production systems—feeding, mixing, heating, storage, and control—into a compact, trailer-mounted design. It delivers flexibility, quick relocation, and efficient production for projects across multiple sites.

Model	MDHB20	MDHB40	MDHB60	MDHB80	MDHB120	Remarks
Rated Output (t/h)	20	40	60	80	120	5% moisture
Total Power (kw)	50	69	110	150	210	Standard Configuration
Dimension (L×W×H)m	17.9×3.1×4.48			17×3.1×4.48	18.5×3.1×4.48	
Number of Axles	2				3	
Volume of Cold Aggregate Hopper	3×7m³	3×7m³	4×7m³	4×8m³	4×8m³	
Dimension of Drying Drum (diameter × length)	Ø1.2m×3.8m	Ø1.2m×5.3m	Ø1.5m×7m	Ø1.5m×8m	Ø1.8m×8.5m	
Dust Collector Type	High Voltage Pulse Dust Collector					Other Dust Collector Optional
Filter Area of Dust Collector	115 m²	150 m²	255 m²	255 m²	340 m²	
Mixing Type	Drum Mix,Continuous Mix					
Bitumen Heating Type	Direct Heating(thermal oil heating is optional)					
Bitumen Measuring Type	Flow Measurement					
Temperature of Finished Product	130~160°C					

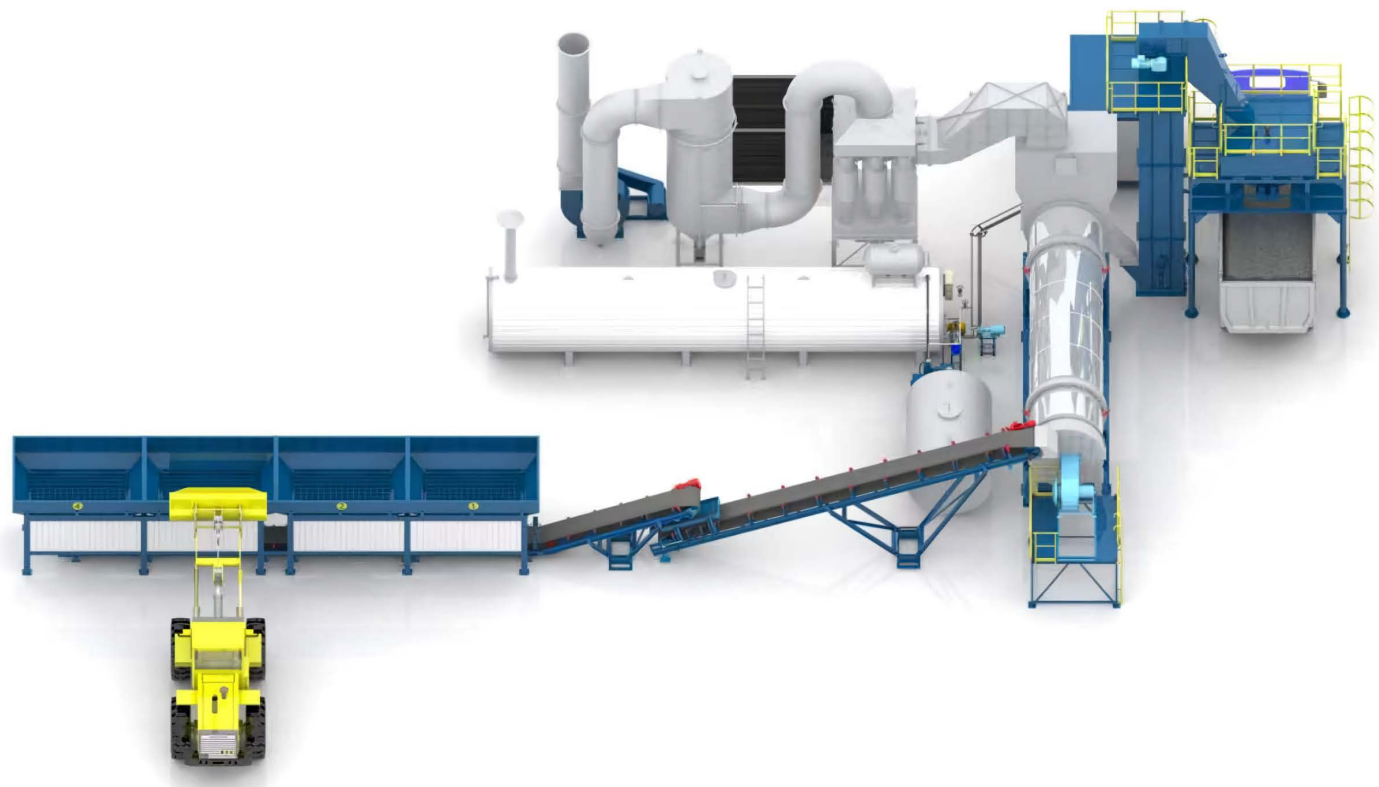
DHB Stationary Drum Mix Asphalt Plant

Stable Stationary Structure

With its fixed installation, the DHB series ensures robust performance, minimal vibration, and consistent asphalt quality, making it suitable for continuous operation in one location.

High Production Efficiency

Its integrated design optimizes material flow, reduces downtime, and maintains steady output, meeting the demands of large-scale and long-duration construction projects.



The DHB series continuous asphalt mixing plant is designed for road base and sub-base projects, integrating feeding, mixing, heating, storage, and control into a well-structured stationary setup. It focuses on stable, long-term operation with high production efficiency and reliable performance.

Model	DHB20	DHB40	DHB60	DHB80	DHB120	Remarks
Rated Output (t/h)	20	40	60	80	120	5% moisture
Total Power (kw)	50	69	110	150	210	Standard Configuration
Dimension (L×W×H)m	17.9×3.1×4.48			17×3.1×4.48	18.5×3.1×4.48	
Number of Axles	2				3	
Volume of Cold Aggregate Hopper	3×7m³	3×7m³	4×7m³	4×8m³	4×8m³	
Dimension of Drying Drum (diameter × length)	Ø1.2m×3.8m	Ø1.2m×5.3m	Ø1.5m×7m	Ø1.5m×8m	Ø1.8m×8.5m	
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Mixing Type	Drum Mix,Continuous Mix					
Bitumen Heating Type	Direct Heating(thermal oil heating is optional)					
Bitumen Measuring Type	Flow Measurement					
Temperature of Finished Product	130~160°C					

Mini Asphalt Plant

Flexible Transportation and Installation

The small asphalt plant has a compact structure and can be directly transported to the construction site without complex assembly or modification, making it ideal for temporary projects or road maintenance.

Easy Operation and Intelligent Control

Equipped with a user-friendly interface, operators can monitor production parameters in real time and make adjustments, reducing operational difficulty while ensuring stable asphalt mixture quality.



A small asphalt plant is compact and efficient, suitable for small to medium road construction and temporary sites. It produces standard, modified, and colored asphalt mixtures to meet various pavement requirements, and its small footprint allows easy installation and transport.

Model		TLB1.0-30
Overall dimension (L*W*H)		6,000*2,100*2,650 mm
Total Weight		6 Tons
Mixing Capacity		1.0 t/batch
Discharging Temperature		130-170 (adjusted)
Bitumen Tank		800 L
Conduction Oil		200 L
Real mixing volume of the drum		0.7-0.8 m³
Drum Material		Double manganese Plate
The Thickness of The Drum Material		5.75 mm (single plate)
The Thickness of The Rock Wool		50 mm
Drum Mixer	Mixing time	10-15 min/batch
	Diesel consumption	3-4 kg/t
	Heat preservation drum	3.88 m³
	Burner brand	Italy RG5S
	Feeding hopper	0.2 m³
Generator	Generator power/model	30 kw/ TFS-30
	Diesel engine power/model	30.1 kw/ Weifang K4100D