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Batch Plant

Batch Plant (Continued)

Drum Plant

Storage Silos

Control

Conclusion

Storage Silos

Drum mix plants must have storage silos, since they produce mix continuously. Batch plants do not require a storage silo, but they often do have them to increase the plant's production capacity.

Storage silos are insulated and may be heated to prevent heat loss. A mix may be stored in a silo for days.

Mix is discharged from the silo into trucks for transportation to the paving site.



Multiple Silos



Portable Silo

ENGINEERING

Research Update

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How to Determine Mix Cooling Time

Asphalt Plant Tour

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PaveXpress

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home > LB500 Asphalt Batch Mixing Plant



LB500 Asphalt Batch Mixing Plant

Model: **LB500**

Product Capacity: **40 t/h**

Highlights **Stationary plant, batch mixing, precise batching;**

Classic model, most cost-effective, best-selling.

3D Simulation Video of Asphalt ...



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Brief Introduction

Asphalt Batch Mix Plant LB Series is new and ideal construction equipment used for manufacturing asphalt that is mainly applied in highway road construction and other civil construction. As a professional asphalt mixing plant manufacturer and exporter, Liaoyuan Machinery is good at producing products to clients according to their actual demands. With high quality and lower price, asphalt batching plants produced by our company could also satisfy the international standards. It is composed of cold aggregate supply system, drum dryer, burning system, hot aggregate elevator, vibrating screen, weighing system, mixing tower, dust collecting system, filler supply system, bitumen supply system, electrical control system and finished asphalt storage bin.

PRODUCTS

- [Asphalt Batch Mixing Plant](#)
- [Mobile Asphalt Mixing Plant](#)
- [Asphalt Drum Mixing Plant](#)
- [Hot Asphalt Recycling Plant](#)
- [Concrete Batching Plant](#)

[Belt Conveyor Concrete Mixing Plant](#)

[Hopper Lift Concrete Mixing Plant](#)

[Trailer Mobile Concrete Mixing Plant](#)

[Concrete Mixer](#)

Asphalt Mixing Plant Parts

Wet Mix Macadam Plant

[Stabilized Soil Mixing Plant](#)

[Mobile Stabilized Soil Plant](#)

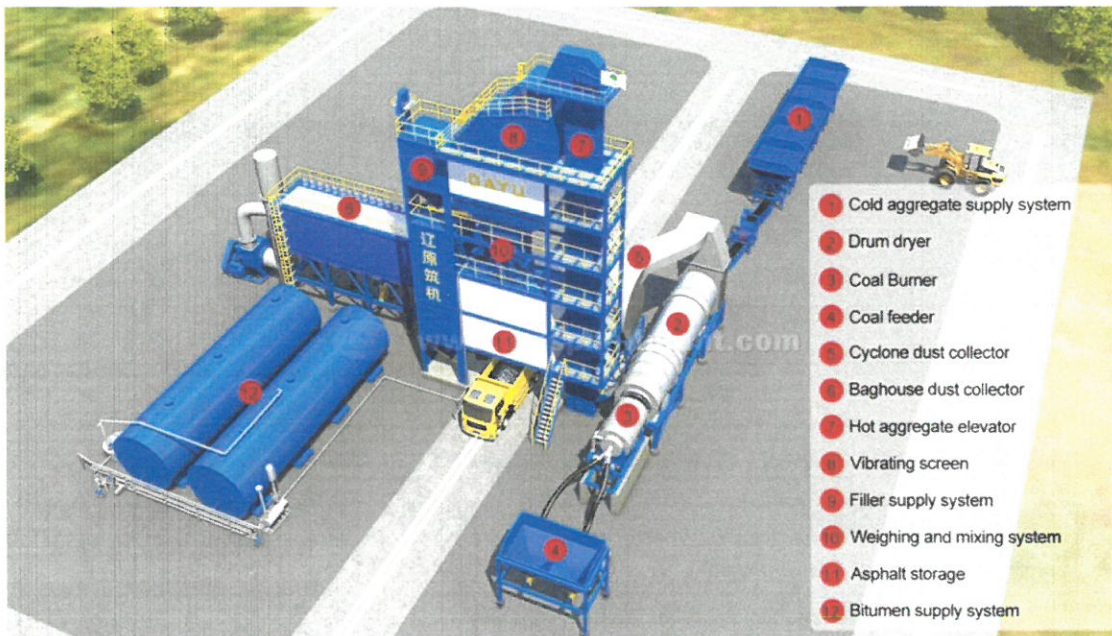
Dry Mix Mortar Plant

TIPS

- [Types of Asphalt Plants](#)
- [Why Choose Us?](#)
- [How Much Does An Asphalt Plant Cost?](#)
- [Asphalt Plant Price Index Globally](#)
- [Find Asphalt Plant Near Me Through 3 Methods](#)

LATEST NEWS

- [LB500 Asphalt Plant Exported to Kyrgyzstan, A New Market For LYroad](#)
- [Two Sets of LB1500 Asphalt](#)



Mixing Plants are Being Installed in Syria

- LB1000 Asphalt Mixing Plant Left Our Factory and Rushed to Bangladesh
- JJW4000 Asphalt Plant Enjoys Advantages Of Resource Save and Large Output
- Liaoyuan Road Machinery Elected as Board Member of CCMA

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Product Parameters

Model	LB500	
Capacity	40t/h (standard working condition)	
Mixer Capacity	500kg/batch	
Drying Drum	Φ1200*5500mm	
Fuel Consumption	Diesel: 5.5-7kg/t; Coal:10kg/t	
Measurement Accuracy	Aggregate	±0.5%
	Filler	±0.5%
	Bitumen	±0.25%
Finished Asphalt Temperature	130°C-165°C	
Dust Collector	gravitational dust collector & Second baghouse dust collector	
Air Emissions	≤20mg/Nm ³	
Dark exhaust standard	Ringelmann I	
Working room noise	≤70db(A)	
Environment noise	≤80db(A)	
Operation	Full Auto/Manual Operation	
Total Installation Power	≈153kW	
Voltage	220V/380V-50Hz (adjustable)	
Plant Covering Area	Length: 25m; width: 20m; max height point: 12m	

Main Features

1. Modular design, compact structure

①. Aggregates elevator is integrated in the mixing tower, making it easy for installation, transportation and relocation;