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# LB SERIES STATIONARY ASPHALT MIXING PLANT

## THE INTRODUCTION OF

### LB SERIES ASPHALT MIXING PLANT

### FOR HIGHWAY ROAD CONSTRUCTION

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MITNIK LB1000/LB2000/LB2500/LB300/LB4000 intermittent asphalt mixing plant mainly used for asphalt highway, asphalt graded roads, asphalt municipal roads, airports, sea ports and other asphalt construction needs. Our factory the production of asphalt mixing equipment is mainly composed of batching system, drying system, burning system, hot aggregate hoisting, vibrating screen, hot materials storage bin, weighing and mixing system, asphalt supply system, powder feeding system, dust collecting system, finished product bin and control system parts.

#### ASPHALT MIXING PLANT PRODUCT FEATURES:

- 1.The product covers a big area, and finished product bin is too big.
- 2.The total height is low,equipment easy installation, just require a small tonnage crane.
- 3.It is suitable for big space, and usually need to storage a lot of finished product.



#### ASPHALT MIXING MACHINE PRODUCT FEATURES:

**Batching System:** each hopper adopts frequency conversion motor control belt feeder, compact structure. The specially design of considering stuffing with wear-resisting guard belt, safe and reliable operation and long life. Has the alarm system of break.

**Aggregate Heating And Drying System:** drying drum driven by four motors and hard tooth surface reducer is combined with four roller, drum operation by friction. Compact structure, high transmission efficiency, smooth transmission. Distribution in sequence in a drum for all kinds of heat exchange of heat conducting plate is used to aggregate and flame, implement aggregate fully heat exchange in the drum.

The medium automization technology burner can burn diesel, heavy oil and residual oil. Use compressed gas mixed with fuel automization, can adapt to more bad of the liquid fuel. To regulate

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than The burner has the characteristics of energy saving, low noise, proportion of automatic control.



Mixing Towers:using the vibrating screen of Germany technology is double vibration axis linear sieve shaker. Dual vibration axis screen external, using European technology of diffuse oil lubrication of the bearing mode, maintenance is very convenient. The screen used rapid hook spring tension, make screen changes quickly and easily. Insulation heat silo with insulation system. Coupled with automatic error correction controls effectively reduce splash splashing errors. Even adopted a pair of aggregates of large tonnage called at the same time to measure, not only ensures the accuracy and improve efficiency. Mixer using European technology, dual hard surface reducer motor, gear synchronous. Scale weighing sensor for the imported sensor, high weighing accuracy, can meet the requirements of any highway. Rotary unloading door is steered by two-cylinder, feeding time is short, good sealing effect. Plates and blades are made of high-strength wear-resisting cast iron, the life of up to about 10 batches.



Dust Collection System: using Germany technology level of inertia-type dust collector, secondary bag filter into one, saving covering an area of. Applied with American DuPont filter bags made of NOMEX material, dust concentration is less than 25mg/Nm. System with over-temperature protection system. Finished Product Storage Systems: Side-mounted storage system by upgrading tracks, lifting trucks, waste bin and the composition of finished material storage hopper. Transducer and, photoelectric encoder and proximity switch control, winch drive motor adopts the forced air cooling and variable frequency control. 100mm wall thermal insulation rock wool silo, pneumatic discharging doors with electro-heating boiler and thermic oil equipment ensure the switch easily.

Asphalt Plant Control System: the whole set mixing equipment control system hardware including control room, PC Console, Germany SIEMENS component PLC control cabinets, power cables and accessories, control cables and accessories, such as air conditioning. Software includes equipment of asphalt mixing machine production process control software unit. It can realize the automatic control of the whole process, semi-automatic control and manual control. Can be produced in strict accordance with construction formula requirements, animation process. All parameters to be set and modified by computer to complete. Formula entered storage, splash-automatic error correction, time control, the school modified, dynamic tracking, automatic fault diagnosis, automatic alarm, report printing and storage capabilities.





Product link : <https://www.mitnikmachine.com/?p=1318>