
LB3000 Hot Mix Asphalt Drum Mixers

LB3000 ASPHALT DRUM MIXING PLANT FOR ASPHALT DRIVEWAY

LB3000 intermittent asphalt mixing plant equipment, mainly used for highway, grade roads, municipal roads, airports, ports and other needs. MITNIK production of drum asphalt mixing equipment is mainly composed of batching system, drying system, combustion system, heat aggregate hoisting system, vibrating screen, storage silo, weighing system, asphalt mixing system supply system, powder feed system, dust collector system, finished product hopper and control system parts.

Batching system: each hopper adopts frequency conversion motor control feeding belt feeder, use suit type of machine of decelerate of hard tooth flank, compact structure. The special design of stuffing with wear-resisting guard belt, safe and reliable operation and long life. Has the alarm system of break.



Aggregate heating drying system:

Drying drum driven by four motors and machine of decelerate of hard tooth flank 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 atomization technology burner can burn diesel, heavy oil and residual oil. Use compressed gas mixed with fuel atomization, can adapt to more bad of the liquid fuel. To regulate than 10:1. The burner has the characteristics of energy saving, low noise, proportion of automatic control.

Dust collector system

Dust removal system inertial separator using German technology level, level 2 cloth bag filter merge into an organic whole, fully saving area. Using the United States dupont NOMEX material, bag filter, dust concentration is less than 25 mg/Nm. System with overtemperature protection system.

Finished product storage system:

Finished product storage system has bottom type and side set type for the user to choose from. Underneath type storage system by surge bin, waste bin, and the material car or guidance agencies, compact structure, cover an area of an area small, save energy. Side type storage system by increasing orbit, enhance the skip, waste warehouse and finished product storage. Using frequency converter, joint control, photoelectric encoder and the proximity switch, winding drive motor controlled by forced air cooling and frequency conversion control mode. The bunker wall rock wool insulation with 100 mm, pneumatic control discharging door device adopts electric heating switch freely.

Control system:

Mixing equipment control system of a complete set of hardware part contains the control room, PC console, adopts the Germany SIEMENS Components of the PLC control cabinet, electric dragging counter unit, power cable and auxiliary parts, control cables and accessories, air conditioning, etc. Software part includes: Betty heavy asphalt mixture production process control software unit. The control technology based on Germany's SIEMENS PLC technology, the asphalt mixing production process can realize the automatic control, semi-automatic and manual control.

Engineering construction formula in strict accordance with the requirements of production, animation shows that technological process. Parameter setting and modification was done through the computer. With formula input storage, automatic error correction splash, time to adjust, the school said, ratio of dynamic tracking, automatic fault diagnosis, automatic alarm, data report forms printing, and storage capabilities.



Stirring tower:

Adopt the Germany technology for double shaft vibration linear sieve shaker. Double shaft vibration on the screen body outside, bearing the European technology diffuse oil lubrication mode, maintenance is very convenient. Based on the rapid hook type screen fixed spring tension, fast, convenient screen replacement. Mixer adopts European technology, the double mechanical and electrical machine of decelerate of hard tooth flank, driven gear synchronous. Scales for imported sensors with weighing sensor, weighing precision, can satisfy the requirement of any grade highway. Rotary discharge door was monopolized by the double cylinder, feeding time is short, the sealing effect is good. Plate and the blade adopts high strength wear resistant cast iron is made.

Product link : <https://www.mitnikmachine.com/?p=1193>