

160 T/H Asphalt Mixing Plant

The 160 T/H asphalt mixing plant is engineered for producing asphalt mixtures in road construction and maintenance. This plant integrates aggregate feeders, a drying drum, a mixing tower, and a dust collection system.



ADDITIONAL IMAGES



Overview



Complete overview of the QLB2000 asphalt mixing plant, showing the aggregate bins, drying drum, and mixing tower.

High-Capacity Professional Asphalt Production

The QLB2000 is a high-capacity 160 T/H asphalt mixing plant designed for large-scale road construction and maintenance projects. This modular system integrates advanced aggregate feeding, high-efficiency drying, and precision weighing to ensure consistent asphalt quality. Equipped with dual-stage dust collection and a fully automated PLC control system, it balances high productivity with environmental compliance and operational ease.

Performance Metrics

Key Performance Metrics

160 t/h

Production Capacity

2000 kg

Mixer Capacity

447 kW

Main Power

Technical Specifications

Static Measuring Accuracy

Material Type	Accuracy Tolerance
Aggregate	±0.5%
Asphalt	±0.25%
Powder	±0.25%

Aggregate System

Aggregate Supply Features

- Protective plates on hopper sides to prevent conveyor debris
- Individual vibrators below each hopper for smooth supply
- Top-mounted grid plates for oversize aggregate screening
- Integrated maintenance ladders and platforms
- Secondary screening between flat and feeding conveyors

Drying & Combustion

Drying Drum Construction

- Boiler steel plate construction for high thermal insulation
- Automatic lubrication system to reduce labor costs
- High-strength wear-resistant rolling rings and rollers
- Stainless steel and thermal insulation wool outer cladding

Compatible Burner Fuels

Coal, Diesel, Heavy Oil, Natural Gas

Mixing & Screening

Mixing System

Twin horizontal mix shaft with automatic lubrication and high-accuracy weighing components.

Screening Technology

Durable linear vibrator with high wear-resistance mesh and sealed vibration motors.

Environmental & Control

Dust Collection System

- Two-stage dedust method (Cyclone + Bag collector)
- Heat-resistant filter bags
- Integrated temperature testing and pulse control
- Thermal insulation for efficiency

Control Mode

PLC Automatic • Semi-Auto • Computer Integrated

Storage

Asphalt Tank Volume

200 t