

SYTECHS ST-LB ASPHALT BATCH PLANTS



Asphalt Batch Mixing Plant ST-LB Series

The **ST-LB** Series asphalt plant is stationary type, batch mixing, designed to produce high quality asphalt with different proportions and ingredients. LB Series asphalt plant is mature, reliable and featured by high efficiency, large output and high quality finished asphalt, fit for road construction projects in all grades and scales, especially for large-scale and high-grade road construction project.



Highway

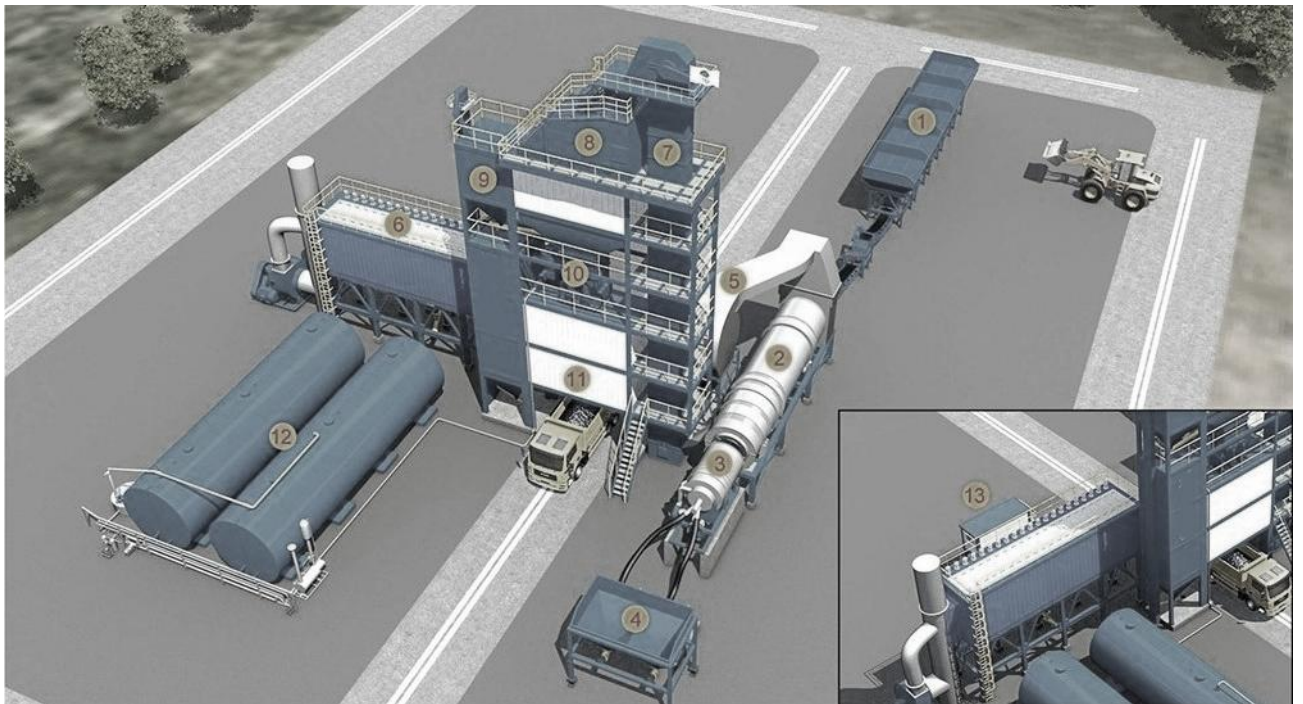


Urban road

Country road



Airport runway



- 1- Cold Aggregate feeding system
- 2- Drying drum
- 3- Coal burner
- 4- Coal feeder
- 5- Gravitational Dust collector
- 6- Baghouse dust collector
- 7- Hot aggregate elevator

- 8- Vibrating screen system
- 9- Filler supply system
- 10- Weighing & mixing system
- 11- Asphalt storage tank
- 12- Bitumen supply system
- 13- Electrical control system



Feeders are equipped with vibration motor and shortage aggregate alarm device, ensuring continuous aggregate supplying; protective grille is installed to protect feeder and prevent body injury.



Motors on drying drum adopt automatic lubricating system; drive devices have protective cover; inner structure is optimized, making drying drum safe and efficient and longer service life; drying drum surface is covered by a thermal insulation layer, less heat loss.



Pulverized coal burner, oil burner, gas burner and oil+gas dual purpose burner are available for customer options; all burners are Chinese or world famous brand, efficient and stable.



Two stage dust collecting system: gravitational dust collector + bag house dust collector; better dust removal effect, dust emission is lower than 20mg/Nm³; bag house adopt NOMEX bags, high temperature resistant and durable..



Normally, a mixing tower is consists of screening layer, hot aggregate storage layer, weighing layer, mixer layer, finished asphalt storage layer and loading layer; each layer is an individual module, convenient for installation and transportation.



Many kinds of bitumen tanks are available for customer option: horizontal, vertical, direct heating, heat transfer oil heating; heat transfer oil furnace and bitumen discharging tank (convenient for the bitumen pump-in and pump-out).



Twin-shaft mixer, the two shaft synchronously rotate in different direction, ensuring uniform mixing; paddles on the shafts are made of wear-resistant material, sturdy and durable.



PLC control system, easy to operate; control mode can be switched between manual, auto and semi-auto; commercial computer are equipped and operation softwares support English, French, Russian, Spanish and other languages.