

GIBAT ASPHALT PLANT 240 t/h (1995) – Basic Technical Specifications

Available from 1 January 2027 (in operation until then)

Summary

- ✓ Capacity up to 240 t/h
- ✓ Twin-shaft mixer 3,000 kg
- ✓ 540 t bitumen storage capacity
- ✓ 300 t asphalt mix storage capacity
- ✓ 800 m² baghouse filtration area
- ✓ Automatic computer control
- ✓ Upgraded for cold recycling (15% RAP)
- ✓ Robust European construction
- ✓ Suitable for major road and infrastructure projects

General Information

- Manufacturer: **GIBAT**
- Plant type: **stationary batch asphalt plant**
- Year of manufacture: **1995**
- Nominal production capacity: **up to 240 t/h**
- Computer-controlled/automatic production control (drying/mixing)

Aggregate Storage

- 16 covered concrete aggregate bins – not included in the sale

Drying System

- Counter-flow drying drum, new – replaced 3 years ago.
- Drying capacity: **235 t/h**
- High-pressure burner (Weishaupt) for fuel oil and gas
- Automatic temperature control
- Infrared aggregate temperature measurement

Vibrating Screen

- Linear vibrating screens
- Fractions: 0/2, 2/4, 4/8, 8/11, 11/16, 16/x

Weighing System

- Aggregate scale: **3,000 kg**
- Filler scale: **500 kg**
- Bitumen scale: **300 kg**

Mixing System

- Twin-shaft compulsory mixer
- Batch capacity: **3,000 kg**
- Mixer heating with thermal oil
- Infrared asphalt mix temperature measurement
- Designed for the production of:
 - AC asphalt mixtures
 - SMA asphalt mixtures
 - special asphalt mixtures

Filler System

- 2 × imported filler silos: **50 m³**
- 1 × recovered filler silo: **110 m³**
- Return of recovered filler from the filter

Additive System

- Cellulose fibre silo (Viatop), **100 m³** – not included in the sale

Bitumen System

- 7 × bitumen tanks, **70 t each**
- 1 × bitumen tank, **50 t**
- Total storage capacity: **540 t**
- Heating with thermal oil
- Electronic temperature and level monitoring
- Transfer capability between tanks

Thermal Oil System

- Heating of bitumen and mixer
- Central heater for fuel oil and gas
- Automatic temperature control

Dust Collection

- Baghouse filter
- Filter area: **800 m²**
- Return of fine particles to production

Asphalt Mix Storage Silos

- 2 × silos of **75 t**, 2 × silos of **70 t**,
- Additional loading silo: **10 t**
- Total capacity: **300 t**
- Heated discharge outlets
- Pneumatic gate control

RAP (reclaimed asphalt pavement)

- Cold RAP addition (15% RAP)
- Feed hopper 10 m³

Control System

- Central control cabin
- Two operator screens
- Fully automatic production control
- Recording of all production parameters
- Archiving of production data
- Printing of production reports