

ABM 90–140 EASYBATCH

MOBILE ASPHALT MIXING PLANTS

THE MOST SUPER-MOBILE AND COMPACT PLANT ON THE MARKET

ABM 90–140 EasyBatch provides the flexibility of a batch plant with high-mobility capabilities. In fact, ABM 90–140 EasyBatch is ready to produce within two days of a move.

The complete, stand-alone plant fits onto trailers and can be installed without the assistance of a crane. The plant is ideal for multiple relocations in a single year and was specifically designed for reliable production in regions with little developed infrastructure. Its traveling width of 3 m and traveling height of 4.25 m also enable easy transport.

HIGHLIGHTS

- Output of 90 t/h to 140 t/h
- Extremely fast relocation and installation
- Pre-assembled and tested at the factory
- Compact on the site and during transport, with maximum width of 3 m
- No concrete foundation required
- Can be installed without a crane
- Available options make plant customisable to applications, particularly important given frequent use in isolated locations





PLANT TYPE	90	140
NUMBER OF COLD FEEDERS	2 + 2	4 (Option: +1)
CONTENT COLD FEEDERS	Total 24 m ³	Total 26 m ³
TYPE DRYING DRUM	ES -1410/1650	T 1770
DIAMETER / LENGTH	1.41 / 1.65 m / 6.5 m	1.7 m / 7 m
DRUM DRIVE	4 × 4 kW	4 × 7.5 kW
MAX. DRYING CAPACITY AT 3% MOISTURE	90 t/h	140 t/h
MAX. DRYING CAPACITY AT 5% MOISTURE	76 t/h	120 t/h
BURNER POWER OUTPUT	6.5 MW	10 MW
FUELS	Natural gas, fuel oil extra light, heavy oil	
FILTER CAPACITY	18000 Nm ³ /h	29000 Nm ³ /h
FILTER SURFACE	330 m ²	413 m ²
TYPE SCREEN	VA 1440	VA 1536
SCREENING	4-fraction incl. Bypass	4-fraction (Option 5-fraction)
SCREEN SURFACE	10.5 m ²	15.8 m ²
HOT AGGREGATE SILO 1-ROW	10 t	15 t (4 compartments / option: 5 compartments)
AGGREGATE SCALE	1760 kg	2560 kg
FILLER SCALE	Included in aggregate scale	Option: separate filler scale 200 kg
BITUMEN SCALE	Volumetric or optional coriolis massflow system	
MIXER SIZE	1.2 t	1.7 t
CONTINUAL PLANT CAPACITY*	90 t/h	140 t/h
BINDING AGENT SUPPLY	1 bitumen tank 25 m ³	Optional
FILLER SUPPLY	Optional	
HOT MIX STORAGE SILO COMPARTMENTS	Direct loading Option: lateral 57 t–120 t in 1 compartments or 76 t in 2 compartments	
RECYCLING ADDITION UP TO 30 %	Optional	Cold recycling addition (RAC) directly into the mixer
TRANSPORT DIMENSIONS WITHOUT TRUCK (LENGTH × WIDTH × HEIGHT)	Trailer 1: 19.95 × 3 × 4.48 m Trailer 2: 15.8 × 3 × 4.48 m	Trailer 1: 21.5 × 3 × 4.3 m Trailer 2: 16.5 × 3 × 4.3 m
OPTIONS	Bitumen tanks Filler silo Coriolis flow counter for the bitumen feed	Additional feeder Five split screening Bitumen foam generator Bitumen tanks Filler silo Coriolis flow counter for the bitumen feed Filler weighing scale Diesel fuel tank

*Hot mix production capacity based on following conditions: 10% bitumen and filler addition, input moisture of aggregates 3%, aggregate temperature increase 175 K and 0/2 fraction share max. 40% | Mixing cycles 80 per hour.