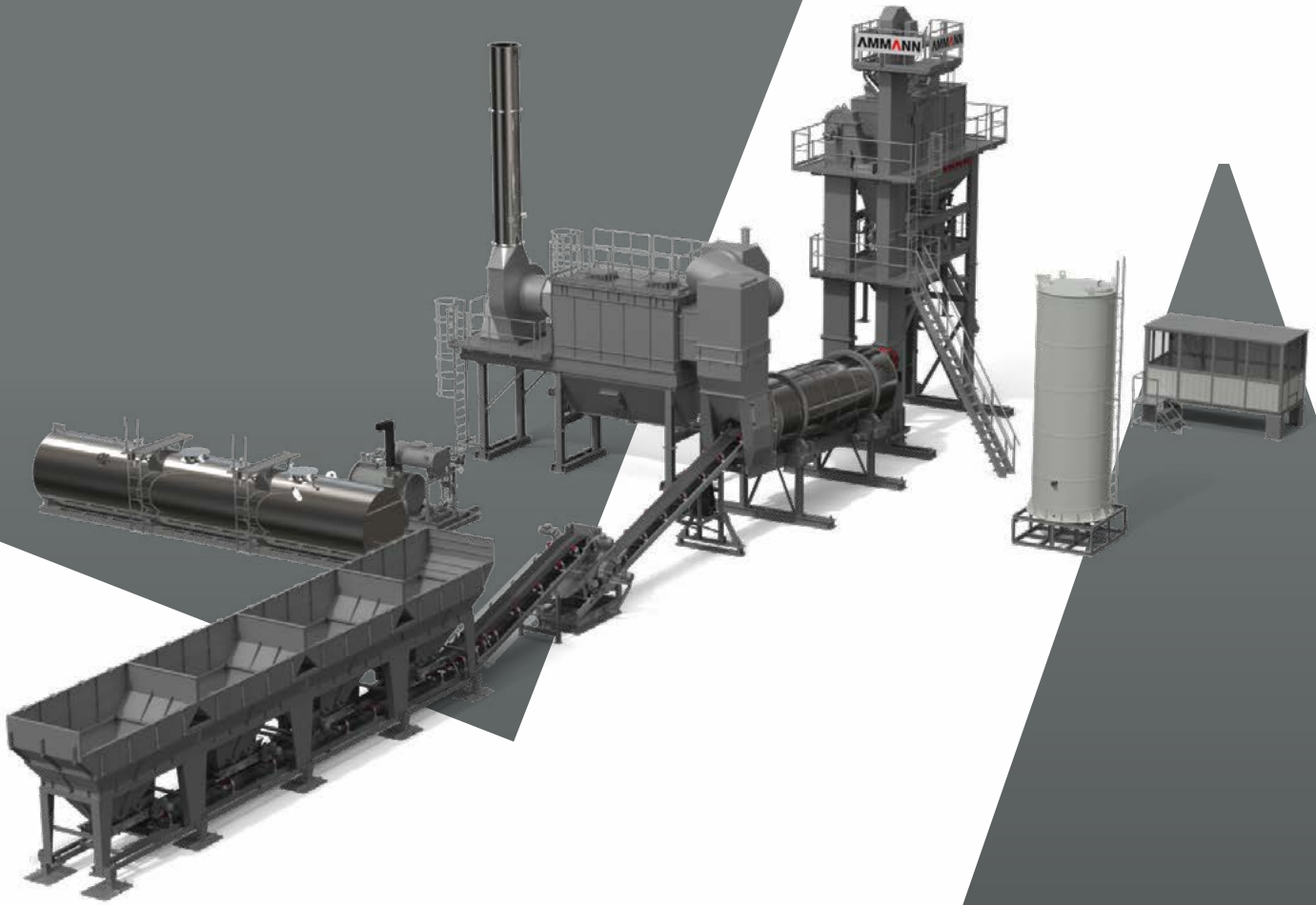


ABC ECOTEC

ASPHALT-MIXING PLANT CLASSIC



COMPACT AND EFFICIENT

The Ammann ABC EcoTec Asphalt-Mixing Plant provides exceptional technology at a low acquisition price. The plant utilises multiple coupled geared motors that reduce fuel and minimise maintenance costs. The efficient burner is another cost-saver, while the hourly output capacity makes the plant's desirable for any business.

COST-EFFECTIVE

- An unbeatable cost in its market segment
- Multiple coupled geared motors that eliminate the need for a linkage, thereby reducing parts and maintenance costs

CONTROL SYSTEM

- Simple and easy to use
- Designed and tested for tough environments

MIX CAPABILITIES

- Utilisation of up to 25 per cent cold RAP

CORE COMPONENTS

- A fuel-efficient burner that provides excellent drying performance with a simple and easy-to-adjust mechanism to set air/fuel ratios for efficient combustion and pollution control
- A burner that can process multiple types of liquid fuel
- A baghouse that ensures suspended particulate matter (SPM) levels are within the specified limits
- A distribution deck that dispenses material to multiple screens to avoid overload and the damage it can cause
- A proven twin-shaft paddle mixer
- Large feeder bins, hot bins and hot-mix storage silos

AMMANN

TECHNICAL SPECIFICATIONS

ABC ECOTEC ASPHALT-MIXING PLANT CLASSIC



PLANT TYPE	80	120	160
CONTINUAL PLANT CAPACITY AT 3% MOISTURE**	80 t/h	120 t/h	160 t/h
NUMBER OF COLD FEEDERS	4	4	4
CONTENT COLD FEEDERS	8 m ³	8 m ³	12 m ³
DRYING DRUM: DIAMETER / LENGTH	1.6 m / 5 m	1.8 m / 7 m	1.8 m / 7 m
DRUM DRIVE	4 × 3 kW	4 × 7.5 kW	4 × 9.5 kW
BURNER POWER OUTPUT	7 MW	10 MW	12 MW
FUEL TYPES	Light or heavy oil	Light or heavy oil	Light or heavy oil
FILTER CAPACITY	16 099 m ³ /h	33 000 m ³ /h	42 400 m ³ /h
FILTER SURFACE	188 m ²	254 m ²	323 m ²
SCREEN WIDTH / LENGTH	1.2 m / 3 m	1.2 m / 3 m	1.5 m / 3.6 m
SCREENING	4- fraction	4- fraction	4- fraction
SCREEN SURFACE	13 m ²	13 m ²	15.4 m ²
HOT MINERAL SILO	8 t	15 t	16 t
AGGREGATE SCALE	1100 kg	2000 kg	2500 kg
FILLER SCALE	120 kg	200 kg	200 kg
BITUMEN SCALE	120 kg	150 kg	150 kg
MIXER SIZE / MAX. CONTENT*	1.0 t	1.7 t	2.0 t
BITUMEN TANK CAPACITY	15 m ³ , 30 m ³ or 50 m ³ – Horizontal – As per customer requirement	15 m ³ , 30 m ³ or 50 m ³ – Horizontal – Thermic oil heated	15 m ³ , 30 m ³ or 50 m ³ – Horizontal – Thermic oil heated
FUEL TANK CAPACITY (LIGHT AND HEAVY OIL)	8 000 l, 18 000 l – Vertical – Thermic oil heated for heavy oil	18 000 l, 25 000 l – Vertical – Thermic oil heated for heavy oil	18 000 l, 25 000 l – Vertical – Thermic oil heated for heavy oil
FILLER SUPPLY	As per customer requirement	As per customer requirement	As per customer requirement

* The improved addition of filler and bitumen into the mixer increases mix efficiency of 85 batches per hour.

** Hot mix production capacity based on following conditions: 10% bitumen and filler addition, input moisture of aggregate 3%, aggregate temperature increase 175 K and 0/2 fraction share max. 40% | Mixing cycles 85 per hour.

