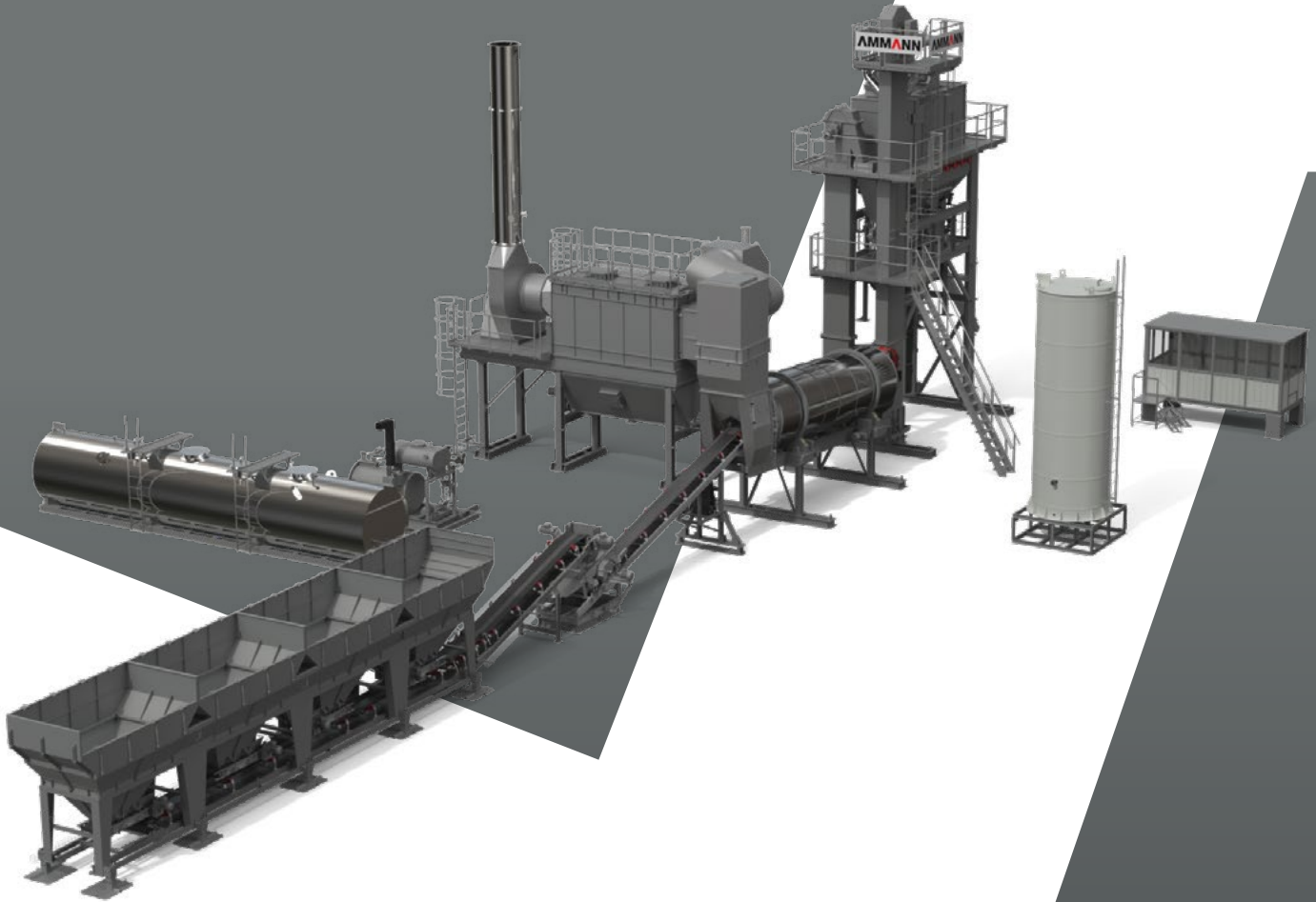


# ABC SUPERTECH 160

ASPHALT-MIXING PLANT CLASSIC



## COMPACT AND EFFICIENT

The Ammann ABC SuperTech 160 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.

## 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

## 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 % cold RAP

## OPTIONS

- Waste plastic attachment
- Mastic enable
- RAP 25 % attachment
- Solid addition (SMA)
- Liquid addition

**AMMANN**

# TECHNICAL SPECIFICATIONS

## ABC SUPERTECH 160 ASPHALT-MIXING PLANT CLASSIC



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

