

A large, multi-story industrial asphalt mixing plant with the AMMANN logo on top. It features a tall vertical structure with various levels, pipes, and a control room at the base. A large horizontal drum is visible in the foreground.

ABC 80-260 VALUETEC

CLASSIC ASPHALT-MIXING PLANTS

NEW STANDARDS FOR THE FUTURE

The ABC ValueTec offers high quality at the most affordable level. It is an efficient, productive plant ideally suited to business owners who want straightforward processes and the ability to further customise with options. The plant can range from very basic to much more advanced, depending on your needs.

COST-EFFECTIVE

- An unbeatable cost/performance ratio
- Easily customised with a host of compatible options

EXPANDABLE MODULAR DESIGN

- Fits into standard container for cost effective transport
- Easily retrofitted for many options
- Cold or hot reclaimed asphalt feed
- Liquid or solid additives
- Capable of producing foam

CORE COMPONENTS

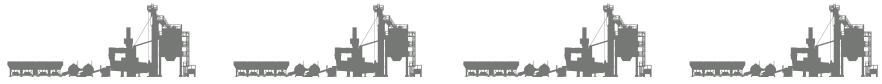
- The burner and the drying drum harmonize well together for a fuel efficient drying performance
- Filters are equipped with the greatest possible active filtering surfaces, even during the cleaning cycle
- Twin-shaft paddle mixer ensures good quality of mix at consistent production rate

AS1 CONTROL SYSTEM

- Easy for operators to use
- Provides fuel savings
- Enables efficient use of aggregates
- Improves consistency
- Eliminates administrative tasks
- Delivers built-in statistical reports
- Designed for and tested in tough environments

AMMANN

TECHNICAL SPECIFICATIONS
ABC 80–260 VALUETEC
CLASSIC ASPHALT-MIXING PLANTS



| PLANT TYPE | 80 | 140 | 180 | 260 |
|---|--|---|---|---|
| CONTINUAL PLANT CAPACITY AT 3% MOISTURE** | 80 t/h | 140 t/h | 180 t/h | 260 t/h |
| NUMBER OF COLD FEEDERS | 4–5 | 4–5 | 4–5 | 5–6 |
| CONTENT COLD FEEDERS | 8 m ³ | 12 m ³ | 12 m ³ | 15 m ³ |
| DRUM DRIVE | 4 × 4 kW | 4 × 9.5 kW | 4 × 11 kW | 4 × 15 kW |
| BURNER POWER OUTPUT | 7 MW | 10 MW | 14 MW | 18 MW |
| FUEL TYPES | Light or heavy oil | | | |
| FILTER CAPACITY | 20 000 Nm ³ /h | 28 000 Nm ³ /h | 37 000 Nm ³ /h | 57 000 Nm ³ /h |
| FILTER SURFACE | 200 m ² | 420 m ² | 483 m ² | 724 m ² |
| SCREEN WIDTH / LENGTH | 1.2 m / 3 m | 1.5 m / 3.6 m | 1.5 m / 3.6 m | 1.8 m / 4 m |
| SCREENING | 4- or 5-fraction | 4- or 5-fraction | 4- or 5-fraction | 5- or 6-fraction |
| SCREEN SURFACE | 13 m ² | 20 m ² | 20 m ² | 33 m ² |
| HOT MINERAL SILO | 16 t | 29 t | 29 t | 56 t |
| AGGREGATE SCALE | 1200 kg | 2500 kg | 2500 kg | 4155 kg |
| FILLER SCALE | 200 kg | 300 kg | 300 kg | 456 kg |
| BITUMEN SCALE | 150 kg | 200 kg | 200 kg | 264 kg |
| MIXER SIZE / MAX. CONTENT* | 1.2 t | 1.7 t | 2.2 t | 3.3 t |
| BITUMEN TANK CAPACITY | 15 m ³ , 30 m ³ or 50 m ³ – Horizontal – Thermic oil heated | | | |
| FUEL TANK CAPACITY (LIGHT AND HEAVY OIL) | 18 000 l, 24 000 l – Vertical – Thermic oil heated for heavy oil | | | |
| FILLER SUPPLY | Reclaimed and imported filler silos | | | |
| HOT MIX STORAGE SILO CAPACITY | 50 t (one compartment) | 45 t (one compartment) | 45 t (one compartment) | 100 t (two compartments) |
| RECYCLING ADDITION | up to 25 % (cold RAC) | up to 40–45 % (cold + hot recycling) | up to 40–45 % (cold + hot recycling) | up to 40–45 % (cold + hot recycling) |

* 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.

OPTIONAL ITEMS

- Burner: suitable for natural gas
- Additives: Fibre granulate or Flux (liquid)
- Insulation package
- Warm asphalt (foam bitumen)

