

# VALUETEC 80-260

ASPHALT-MIXING PLANT – BATCH PROCESS



## NEW STANDARDS FOR THE FUTURE

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

- Features proven European 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

### CS100 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



## TECHNICAL SPECIFICATIONS

### VALUETEC 80-260

### ASPHALT-MIXING PLANT – BATCH PROCESS



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 <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>	15 m <sup>3</sup>
Drying Drum: diameter / length	1.6 m / 5 m	1.8 m / 7 m	2 m / 8 m	2.3 m / 9 m
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 <sup>3</sup> /h	28 000 Nm <sup>3</sup> /h	37 000 Nm <sup>3</sup> /h	57 000 Nm <sup>3</sup> /h
Filter surface	200 m <sup>2</sup>	420 m <sup>2</sup>	483 m <sup>2</sup>	724 m <sup>2</sup>
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 <sup>2</sup>	20 m <sup>2</sup>	20 m <sup>2</sup>	33 m <sup>2</sup>
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 <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, 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 150 K and 0/2 fraction share max. 40% | Cycles per hour: 85.

Per Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice.

#### OPTIONAL ITEMS

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

