



ABC 140-240 SOLIDBATCH

ASPHALT-MIXING PLANT CLASSIC

A WINNING COST / PERFORMANCE RATIO

SolidBatch is the perfect match for those looking for an efficient but inexpensive batch asphalt plant. It features an industry-leading cost/performance ratio while offering 140 to 240 hourly tonnes of output capacity.

COST-EFFECTIVE

- Unbeatable cost/performance ratio
- Fuel efficient
- Easy to transport but retains benefits of a standard plant, including high hourly outputs.
- Remotely supported

EASY TRANSPORT

- Efficient packaging and loading during transport.
- Speedy set-up and reduced costs, thanks to plug-in components.
- Quick assembly due to options such as built-in steel foundations and plug socket cabling.

QUALITY ENGINEERING

- Enables use of local suppliers for non-critical parts.
- Engineered for easy integration of additional modules.
- Highly standardised for low costs, but easily customised to suit specific needs.

CONSISTENT QUALITY

- All core components Ammann Swiss design.
- Control system greatly reduces margin for error.

AS1 CONTROL SYSTEM

- Is 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 140–240 SOLIDBATCH
ASPHALT-MIXING PLANT



PLANT TYPE*	140	180	210	240
CONTINUAL PLANT CAPACITY AT 3% MOISTURE	140 t/h	180 t/h	210 t/h	240 t/h
NUMBER OF COLD FEEDERS	4, 5 or 6			
COLD FEEDERS CAPACITY	10 m ³			
TYPE DRYING DRUM	T 1870	T 2080	T 2080	T 2390
BURNER POWER OUTPUT	10 MW	14 MW	14 MW	16 MW
FUELS	Natural gas, LPG, light oil, heavy oil			
FILTER CAPACITY AFA	28 000 Nm ³ /h	37 000 Nm ³ /h	44 000 Nm ³ /h	50 000 Nm ³ /h
SCREEN TYPE	VA 1536	VA 1536 S	VA 1840	VA 1840 S
SCREENING	4- or 5-fraction		5- or 6-fraction	
SCREEN SURFACE	15 m ² or 20 m ²		27 m ² or 33 m ²	
HOT AGGREGATE SILO 1-ROW	29 t or 53 t		36 t or 86 t	
AGGREGATE SCALE	2500 kg		4155 kg	
FILLER SCALE	300 kg		456 kg	
BITUMEN SCALE	200 kg		264 kg	
MIXER SIZE / CONTENT	1.7 t	2.2 t	3.3 t	
BINDING AGENT SUPPLY	E-Bit, 60 m ³ (max. 3) or horizontal Boxtanks (max. 3) 55 m ³ Lines electric heating			
FILLER SUPPLY	Reclaimed and imported filler silos or filler towers in different			
HOT MIX STORAGE SILO / COMPARTMENTS	Direct loading, 23 t in 1 compartment, 50 t or 90 t in 2 compartments with direct load		50 t or 90 t in 2 compartments with direct load	
RECYCLING ADDITION UP TO 30 %	Recommendation: RAC directly into the mixer			
RECYCLING ADDITION UP TO 40 %	RAC via ring into the RAH50 drum			

* Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 3 %, aggregate temperature increase 170 K and 0/2 fraction share max. 40 % | Mixing cycles 85 per hour.

