AMMANN

BATCH MIXING PLANTS

ASPHALT-MIXING PLANTS
PROGRAM

150 Years of Innovation
Since 1869

AMMANN GROUP WORLDWIDE

20 REGIONAL HUBS & SUBSIDIARIES

9 MANUFACTURING FACILITIES & CENTRE OF COMPETENCE

14 TRAINING CENTRES

12 WAREHOUSES

200+ AGENCIES & SALES PARTNERS

PLANTS

ASPHALT-MIXING PLANTS
CONCRETE-MIXING PLANTS

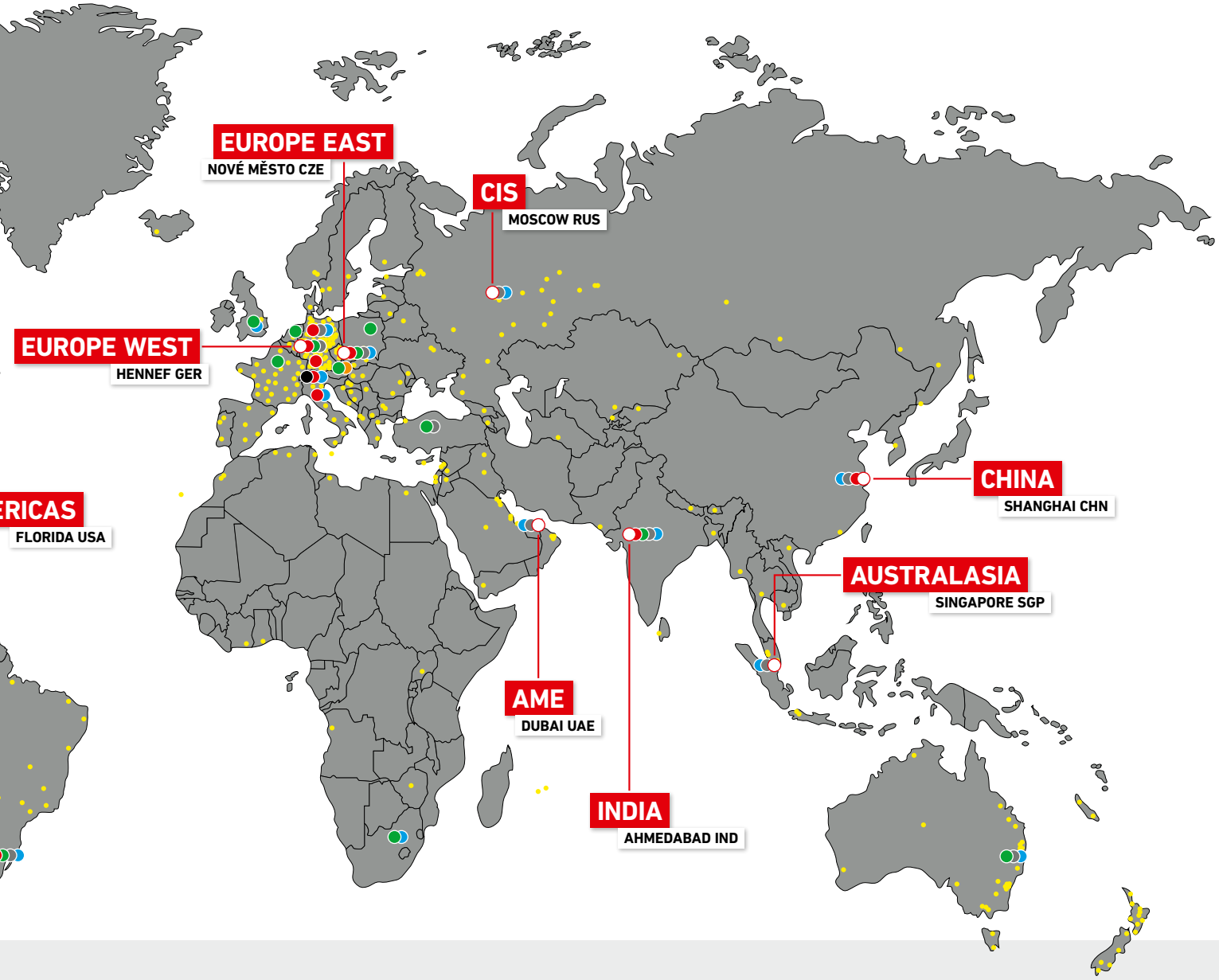
MACHINES

LIGHT COMPACTION
SOIL & ASPHALT COMPACTION
ASPHALT PAVERS
ASPHALT RECYCLING

AN INNOVATIVE FAMILY FIRM

Ammann is a world-leading supplier of mixing plants, machines and services to the construction industry, with core expertise in road-building and transportation infrastructure. Our strengths are the forthcoming approach of a family firm that has been operating for many years, coupled with our strong and well-established international presence. Since 1869, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions that are as competitive as they are dependable.

True to our motto, "Productivity Partnership for a Lifetime," we gear our activities to the needs and requirements of our customers around the globe. We are aware that plants and machines that prove their merits day after day under tough operating conditions are the only way to give our customers the critical, competitive edge they need. As you would expect, we provide a well-developed service network and reliable supply of spare parts, together with support throughout the lifetimes of the plants and machines that we offer.



GLOBAL DISTRIBUTION AND SERVICE NETWORK

- HEADQUARTERS
- REGIONAL HUBS
- SUBSIDIARIES
- MANUFACTURING FACILITIES & CENTRE OF COMPETENCE
- GLOBAL RETROFIT CENTRE
- WAREHOUSES
- TRAINING CENTRES
- AGENCIES & SALES PARTNERS

WHAT SETS AMMANN PLANTS APART?

FIT INTO TIGHT SPACES

Ammann plants have footprints of varied sizes, with some exceptionally small. Plants can still be productive, even in the smallest of spaces.

HIGH USE OF RECYCLABLES

High Recycling Technology plants maximize the use of recycled asphalt and are even capable of using recycled consumables such as printer cartridge toner, glass and tyres. An Australian asphalt manufacturer partnered with Ammann and created mix from 99 percent recycled materials, including the consumables.

LOCAL IF YOU LIKE

Ammann manufactures all core components but provides you the freedom to use your own local suppliers of non-critical parts and components such as silos. This helps you find the lowest price and save on transport costs too.

WE KNOW YOUR BUSINESS

Ammann has been in the asphalt plant industry for more than a century. Our team of experts has seen virtually every asphalt plant challenge and can help you find the most effective solution.

FORWARD THINKERS

What's the next big thing? No one can say for certain. That's why plants are engineered for easy integration of future options and technologies such as enhanced use of additives, fibers and more recyclable materials.

LIFE IN THE BIG CITY

Plants come in all sizes and shapes, including a model that looks like a building. The appearance helps the plant blend into urban areas, as do reduced noise and dust levels.

OPTIONS FOR EVERY NEED

Ammann plants range from affordable with no frills to premium with many options. The sizes are big, small and in between. Plants are mobile, stationary and sometimes even a little bit of both. And those are just the standard options.

REDUCED TRANSPORT AND INSTALLATION COSTS

Ammann strictly adheres to international transport codes when developing mobile plants to make border crossings efficient. When the plant arrives, plug-in components reduce costs and speed set-up. Some plants can be installed without the use of cranes or concrete foundations, another substantial cost- and time-saver. All this while still offering benefits typically associated with stationary facilities.

"Ammann means asphalt mixing plants with market-oriented solutions and customised service."

BATCH ASPHALT-MIXING PLANTS

CONSISTENT FROM START TO FINISH

Ammann batch plants provide the consistency that is crucial to your mix quality. All plant processes and components are carefully developed to ensure that feeding, heating, drying, screening and mixing seamlessly blend together. Helping integrate all the moving parts is the as1 control system, which provides leading technology with a user-friendly interface.

ABP 240–320 UNIVERSAL

PREMIUM

ABP 240–400 HRT

PREMIUM

ABT 140–180 QUICKBATCH

TRANSPORT-OPTIMISED

ABT 240–300 SPEEDYBATCH

TRANSPORT-OPTIMISED

ABA 100–340 UNIBATCH

ADVANCED

ABC 140–240 SOLIDBATCH

CLASSIC

ABC 80–260 VALUETEC

CLASSIC

ABM 90–140 EASYBATCH

MOBILE

ABM 240–320 BLACKMOVE

MOBILE

ABP 240–320 UNIVERSAL

PREMIUM ASPHALT-MIXING PLANTS

TOP PERFORMANCE WITH MAXIMUM FLEXIBILITY

The ABP 240–320 Universal plant helps you overcome the challenges associated with urban areas – specifically environmental concerns and a need to develop many mix types.

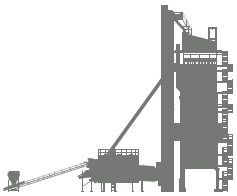
The plant offers a wide range of capacities and configurations, and Ammann engineers help you choose and ultimately piece together the choices that best suit your needs.

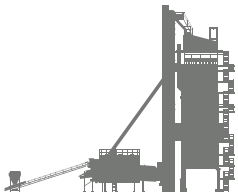
Selections typically are made with the understanding you have a variety of urban customers and ultimately must create a variety of mixes, too. Immense storage capacities, two separate rows of silos and a 56 m² hot screen help you meet the needs of multiple customers in a timely fashion.

The appearance of the plant, which resembles a typical commercial building, helps it fit into most urban locations. The plant can be encapsulated to reduce noise levels and dust emissions.

HIGHLIGHTS

- Output of 240 t/h to 320 t/h
- Highly flexible mix maker
- Wide range of equipment and components enables customisation
- Infrastructure including cold feeders, drying drum and filter enclosed to create the appearance of a commercial building
- Reduced sound and dust levels
- Ability to utilise recyclables





PLANT TYPE*	240	320	
CONTINUAL PLANT CAPACITY AT 5 % MOISTURE	240 t/h	260 t/h	320 t/h
NUMBER OF COLD FEEDERS	As desired		
CONTENT COLD FEEDERS	7.5 m^3–15 m^3		
TYPE DRYING DRUM	T 25100		T 27110
BURNER POWER OUTPUT	20 MW	24 MW	26 MW
FUELS	Natural gas, Fuel oil extra light, Heavy oil, Liquid gas, (option: Brown-coal dust)		
FILTER CAPACITY	57 000 Nm^3/h	63 000 Nm^3/h	70 000 Nm^3/h
TYPE SCREEN (HMS 1-ROW)	APS-2060-S		
TYPE SCREEN (HMS 2-ROW)	APS-2060-S, Option: VA-2050-S or APS-2060-NGS		
SCREENING	5- or 6-fraction		
SCREEN SURFACE (6-FRACTION)	APS-2060-S = 52 m^2 | VA-2050-S = 43,4 m^2 | APS-2060-NGS = 52,3 m^2		
HOT AGGREGATE SILO 1-ROW	140 t, 200 t		
HOT AGGREGATE SILO 2-ROW	140 t, 200 t Arrangement: 1/2 : 1/2 or 1/3 : 2/3		
AGGREGATE SCALE	4800 kg		
FILLER SCALE	600 kg		
BITUMEN SCALE	468 kg		
MIXER SIZE / CONTENT	4 t or 5 t		
BINDING AGENT SUPPLY	E-Bit vertical configurations, 60 m^3, 80 m^3, 100 m^3, also divided tanks available.		
FILLER SUPPLY	According to customer's wishes: reclaimed and imported filler silos or filler towers in different desired configurations		
HOT MIX STORAGE SILO / COMPARTMENTS	140 t or 180 t in 2 compartments, 260 t or 340 t in 4 compartments		
RECYCLING ADDITION UP TO 30 %	RAC directly into the mixer		
RECYCLING ADDITION UP TO 40 %	Ring in the drying drum RAH50 with/without RAC in the mixer		
RECYCLING ADDITION MORE THAN 60 %	Parallel drum system or Via RAH100 drum system		

* Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 5 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Mixing cycles 80 per hour.

ABP 240–400 HRT

PREMIUM ASPHALT-MIXING PLANTS

FOR PRODUCTION VOLUMES WITH LARGE PROPORTIONS OF RA

The ABP 240–400 HRT (High Recycling Technology) plant maximises the use of recycled asphalt and is even capable of using discarded consumables such as printer cartridge toner and tyres.

The compact plant is ideal for production volumes with large proportions of recycled asphalt.
It provides the same benefits as its Universal counterpart, but includes nuances that make it the ultimate recyclable plant.

An integrated parallel drum system is positioned directly above the mixer and optimises material flow while minimising wear inside the recycling system.

HIGHLIGHTS

- Output of 240 t/h to 400 t/h
- Highly flexible mix maker
- Flexible and economical solution with ability to use a high percentage of RA
- Fully integrated RA drum to optimise material flow and wear protection
- Ability to introduce additives such as foamed bitumen, pigments and even consumer recyclables
- Wide range of equipment and components enables customisation
- Infrastructure including cold feeders, drying drum and filter are enclosed and resemble a commercial building
- Reduced sound and dust levels



PLANT TYPE*	240		320–400			320–400
RECYCLING SYSTEM	**RAH60 (PARALLEL FLOW)**		**RAH60 (PARALLEL FLOW)**			**RAH-CF (COUNTER FLOW)**
MAX. RECYCLING ADDITION	60 % (combined)		60 %			80 %
NUMBER OF RECYCLING FEEDERS	As desired					
CONTENT RECYCLING FEEDERS	8 m^3–13 m^3					
TYPE RECYCLING DRYING DRUM	RT 22100 or RT 25140		RT 25110 or RT 25140 or RT 29120			RT 29120/220
MAX. RECYCLING CAPACITY AT 3 % MOISTURE	120 t/h	180 t/h	150 t/h	180 t/h	210 t/h	190 t/h
BURNER POWER OUTPUT	8 MW	max. 12 MW	max. 10 MW	max. 12 MW	max. 14 MW	14 MW
FUELS	Natural gas, fuel oil extra light, heavy oil, brown-coal dust, wood dust					
FILTER CAPACITY	63 000 Nm^3/h	70 000 Nm^3/h	70 000 Nm^3/h or 83 000 Nm^3/h or 90 000 Nm^3/h			
BUFFER SILO RECYCLING (RAH)	30 t, 37 t, 2 × 20 t		20 t, 40 t, 2 × 30 t			

NUMBER OF COLD FEEDERS	As desired				
CONTENT COLD FEEDERS	7.5 m^3–15 m^3				
TYPE DRYING DRUM	T 2390	T 25100	T 2390 or T 25100 or T 27110		
MAX. DRYING CAPACITY AT 3 % MOISTURE	251 t/h	335 t/h	251 t/h	335 t/h	363 t/h
BURNER POWER OUTPUT	max. 18 MW	max. 24 MW	max. 18 MW	max. 24 MW	max. 26 MW
FUELS	Natural gas, fuel oil extra light, heavy oil, brown-coal dust, wood dust				
TYPE SCREEN	VA-2050-S		APS-2060-S or APS-2060 NGS		
SCREENING	5- or 6-fraction				
SCREEN SURFACE	36.2 m^2 (5-fraction) or 43.4 m^2 (6-fraction)		43 m^2 (5-fraction) or 52 m^2 (6-fraction)		
HOT AGGREGATE SILO	65 t or 90 t or 115 t, 1-row / 110 t, 2-row		120 t or 200 t, 1-row / 300 t, 2-row		
AGGREGATE SCALE	4650 kg		5500 kg		
FILLER SCALE	400 kg		900 kg		
BITUMEN SCALE	363 kg		520 kg		
MIXER SIZE / CONTENT	4 t		5 t, option: 4 t, 6 t		
MAXIMUM MIXING CAPACITY	320 t/h		320 t/h (4 t), 400 t/h (5 t), 480 t/h (6 t)		
COLD RECYCLING ADDTION AT 3 % MOISTURE	Up to 25 % RAC addition directly into the mixer				
COLD RECYCLING SCALE	Weigh belt				
COLD RECYCLING SILO	5 t		2 t (at 20 t RAH buffer silo) or 5 t (at 40 t RAH buffer silo)		
HOT MIX STORAGE SILO / COMPARTMENTS	200 t in 4 compartments Available expansions: 300 t in 6 compartments		400 t in 4 compartments Available expansions: 600 t in 6 compartments, 800 t in 8 compartments or 1000 t in 10 compartments		
BINDING AGENT SUPPLY	E-Bit, vertical configurations, 60 m^3, 80 m^3, 100 m^3, also divided tanks available.				
FILLER SUPPLY	According to customer's wishes: filler towers Ø = 3200 or Ø = 3800 in different desired configurations.				

*Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 5 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Mixing cycles 80 per hour.

ABA 100–340 UNIBATCH

ADVANCED ASPHALT-MIXING PLANTS

OPTIMISED WITH CUTTING-EDGE TECHNOLOGY

Versatility makes ABA 100–340 UniBatch one of the most popular Ammann plants. The plant is among the lower-cost alternatives and is easy to operate and maintain. It also is known for its reliability.

ABA 100–340 UniBatch offers more flexibility than some other plants. It is easily customisable and often involves on-site Ammann engineering to ensure the potential of the plant is fully realised. Its layout is flexible and the plant is adaptable as a start-up or is easily integrated into existing sites.

HIGHLIGHTS

- Wide output range from 100 t/h to 340 t/h
- Maximum customisation options combined with top performance and economic efficiency
- Designed for worldwide use, with mixing tower modules providing ease of transport
- Robust, tried-and-tested technology
- Optional feed for additives such as dye pigment, fibres and Ammann Foam
- Can be fitted and extended with numerous options
- Engineered for easy integration of future options and technologies

STANDARD

PLANT TYPE*	140	180	210	240	260	300	340
CONTINUAL PLANT CAPACITY AT 3 % MOISTURE	140 t/h	180 t/h	210 t/h	240 t/h	260 t/h	300 t/h	340 t/h
NUMBER OF COLD FEEDERS	As desired						
CONTENT COLD FEEDERS	7.5 m^3–15 m^3						
TYPE DRYING DRUM	T 1870	T 2080	T 2080	T 2390	T 2390	T 25100	T 25100
BURNER POWER OUTPUT	10 MW	14 MW	14 MW	16 MW	18 MW	20 MW	24 MW
FUELS	Natural gas, LPG, light oil, heavy oil, brown-coal dust (BCD), wood dust* (*only with T 27110)						
FILTER CAPACITY AFA G5	28 000 Nm^3/h	37 000 Nm^3/h	44 000 Nm^3/h	50 000 Nm^3/h	57 000 Nm^3/h	63 000 Nm^3/h	70 000 Nm^3/h
TYPE SCREEN	VA 1536	VA 1536 S	VA 1840	VA 1840 S	VA 1840 S	VA 2050	VA 2050 S
SCREENING	4- or 5-fraction		5- or 6-fraction				
SCREEN SURFACE	15–20 m^2	15–20 m^2	27–33 m^2	27–33 m^2	27–33 m^2	36–43 m^2	36–43 m^2
HOT AGGREGATE SILO 1-ROW	Basic module: 29 t Additional module 24 t (total max. 53 t)		Basic module: 36 t Additional module 25 t + 25 t (total max. 86 t)			Basic module: 40 t Additional module 25 t + 25 t +25 t (total max. 115 t)	
AGGREGATE SCALE	2500 kg		4155 kg			4650 kg	
FILLER SCALE	300 kg		456 kg			510 kg	
BITUMEN SCALE	200 kg		264 kg			363 kg	
MIXER SIZE / MAX. CONTENT**	1.7 t	2.2 t	3.3 t			4.3 t	
MAX. MIXER CAPACITY	145 t/h	187 t/h	280 t/h			365 t/h	
BINDING AGENT SUPPLY	E-Bit, horizontal or vertical configurations, 60 m^3, 80 m^3, 100 m^3, also divided tanks available. Option: hot oil heated tanks						
FILLER SUPPLY	According to customer's wishes: reclaimed and imported filler silos or filler towers in different desired configurations						
HOT MIX STORAGE SILO / COMPARTMENTS	Standard: 40 or 30 t (2 c.) Option: outlet doors can be either in line or at 90° Option under tower: +70 t (2 c.) with 50 mm isolation up to 3 in line silos with flat skip; or simplified version 45 t or 30 t (1 c.) with 50 mm isolation as optional Option lateral with skip: 62 t (1 c.); or 63 t (2 c.) + extension 49 t (2 c.)						
RECYCLING ADDITION UP TO 30 %	Recommendation: RAC directly into the mixer Alternative: RAC into hot elevator or via ring into the RAH50 drum						
RECYCLING ADDITION UP TO 40 %	Up to 40 % with recycling drum RAH50, up to 55 % with 40 % via ring + 15 % RAC into the mixer, or up to 60 % via parallel drum system						

* Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 3 %, aggregate temperature increase 175 K, recipes AC16 (6-fraction) - AC22 (5-fraction) | Mixing batches: 85 per hour.

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

PERFORMANCE

PLANT TYPE*	100P	140P	180P	210P	240P	260P	300P	320P
CONTINUAL PLANT CAPACITY AT 5 % MOISTURE	100 t/h	140 t/h	180 t/h	210 t/h	240 t/h	260 t/h	300 t/h	320 t/h
NUMBER OF COLD FEEDERS	As desired							
CONTENT COLD FEEDERS	7.5 m^3–15 m^3							
TYPE DRYING DRUM	T 1870	T 2080	T 2390	T 2390	T 25100	T 25100	T 27110	T 27110
BURNER POWER OUTPUT	10 MW	14 MW	16 MW	18 MW	20 MW	24 MW	24 MW	26 MW
FUELS	Natural gas, LPG, light oil, heavy oil, brown-coal dust (BCD), wood dust* (*only with T 27110)							
FILTER CAPACITY AFA-G5	28 000 Nm^3/h	37 000 Nm^3/h	50 000 Nm^3/h	57 000 Nm^3/h	63 000 Nm^3/h	70 000 Nm^3/h	83 000 Nm^3/h	90 000 Nm^3/h
TYPE SCREEN	VA 1230	VA 1536	VA 1536 S	VA 1840	VA 1840 S	VA 1840 S	VA 2050	VA 2050 S
SCREENING	4-fraction	4- or 5-fraction		5- or 6-fraction				
SCREEN SURFACE	13 m^2	15–20 m^2	15–20 m^2	27–33 m^2	27–33 m^2	27–33 m^2	36–43 m^2	36–43 m^2
HOT AGGREGATE SILO 1-ROW	Basic module: 29 t Additional module 24 t (total max. 53 t)			Basic module: 36 t Additional module 25 t + 25 t (total max. 86 t)			Basic module: 40 t Additional module 25 t + 25 t + 25 t (total max. 115 t)	
AGGREGATE SCALE	2500 kg			4155 kg			4650 kg	
FILLER SCALE	300 kg			456 kg			510 kg	
BITUMEN SCALE	200 kg			264 kg			363 kg	
MIXER SIZE / MAX. CONTENT**	1.2 t	1.7 t	2.2 t	3.3 t			4.3 t	
MAX. MIXER CAPACITY	102 t/h	145 t/h	187 t/h	280 t/h			365 t/h	
BINDING AGENT SUPPLY	E-Bit, horizontal or vertical configurations, 60 m^3, 80 m^3, 100 m^3, also divided tanks available. Option: hot oil heated tanks							
FILLER SUPPLY	According to customer's wishes: reclaimed and imported filler silos or filler towers in different desired configurations							
HOT MIX STORAGE SILO / COMPARTMENTS	Standard: 40 or 30 t (2 c.) Option: outlet doors can be either in line or at 90° Option under tower: +70 t (2 c.) with 50 mm isolation up to 3 in line silos with flat skip; or simplified version 45 t or 30 t (1 c.) with 50 mm isolation as optional Option lateral with skip: 62 t (1 c.); or 63 t (2 c.) + extension 49 t (2 c.)							
RECYCLING ADDITION UP TO 30 %	Recommendation: RAC directly into the mixer Alternative: RAC into hot elevator or via ring into the RAH50 drum							
RECYCLING ADDITION UP TO 40 %	Up to 40 % with recycling drum RAH50, up to 55 % with 40 % via ring + 15 % RAC into the mixer, or up to 60 % via parallel drum system							

* Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 5 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Mixing cycles 85 per hour.

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


AMMANN

ABC 140–240 SOLIDBATCH

CLASSIC ASPHALT-MIXING PLANTS

THE INEXPENSIVE ASPHALT-MIXING PLANT, WITHOUT COMPROMISES IN QUALITY

Looking for an efficient but inexpensive asphalt plant? ABC 140–240 SolidBatch might well be your answer.

The plant offers 140 to 240 tonnes of hourly output capacity. It features Ammann quality with all core components such as the mixer, filter and screen engineered in-house.

It is highly standardised to keep costs low, yet the plant can be customised for specific manufacturing requirements and improved mobility.

HIGHLIGHTS

- Ammann design and quality
- An unbeatable cost/performance ratio
- Compact and modular for easy transport
- Quick assembly in part due to options such as built-in steel foundations and plug socket cabling
- A compact footprint
- Ability to use local suppliers of non-critical parts
- Engineered for easy integration of future options and technologies such as enhanced use of additives, fibres and more recyclable materials

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	25 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			
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.

ABC 80–260 VALUETEC

CLASSIC ASPHALT–MIXING PLANTS

THE LATEST TECHNOLOGY AT AN AFFORDABLE COST

The ABC ValueTec plants are efficient, productive and ideally suited to business owners who want straightforward processes and the ability to further customise with options.

The plants can range from very basic to much more advanced, depending on your needs.

HIGHLIGHTS

- An unbeatable cost / performance ratio
- Easily customised with a host of compatible options
- Fits into standard container for cost effecitve transport
- The burner and the drying drum harmonise well together for a fuel-efficient drying performance
- Twin-shaft paddle mixer ensures good quality of mix at consistent production rate

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.

ABT 140–180 QUICKBATCH

TRANSPORT-OPTIMISED ASPHALT-MIXING PLANTS

INTERNATIONAL TRANSPORTATION EFFICIENCIES

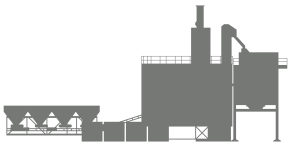
The ABT 140–180 QuickBatch plant is engineered for easy, cost-effective transportation and installation while still offering benefits typically associated with stationary facilities.

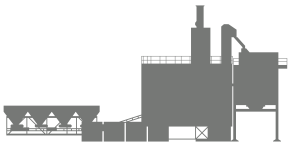
ABT 140–180 QuickBatch's international transporting efficiencies are built around the "container principle" logistics concept. Containers cost less to transport, and the methods for shipping them are more easily available – factors that can generate substantial cost savings, especially if a plant is repeatedly relocated.

Key core components, including dryer/filter units and mixing tower modules, utilise housings that also serve as certified transport containers. The components are built as 20' or 40' units, the most common container sizes. When it's time to move, the components are simply loaded onto the transport vehicle. The entire plant is contained in 10 units.
Precision separates ABT 140–180 QuickBatch from most container plants. ABT 140–180 QuickBatch strictly adheres to international standards, helping plant owners avoid complications and ensuring all sea, land and train size requirements are met.

HIGHLIGHTS

- Output 140–180 t/h
- Low transport costs due to the "container principle"
- Containers precisely match international standards to avoid transport complications
- Minimal packing/unpacking when relocating
- Reduced site development costs because the plant does not require a concrete foundation
- Lower installation costs because highly functional individual modules are linked via intelligent interfaces
- Provides every full-scale stationary mixing plant advantage in terms of output, performance and space requirements





PLANT TYPE*	140	180
CONTINUAL PLANT CAPACITY AT 3 % MOISTURE	140 t/h	180 t/h
NUMBER OF COLD FEEDERS	No. 4 in standart version (additonal feeders on request)	
COLD FEEDERS CAPACITY	7.5 m^3 each	
DRYING DRUM TYPE	T 1870	T 2080
BURNER POWER OUTPUT	10 MW	14 MW
FUELS	Natural gas, LPG, light oil, heavy oil	
FILTER CAPACITY AFA	29 000 Nm^3/h	44 000 Nm^3/h
SCREEN TYPE	VA 1536	VA 1536 S
SCREENING	4- or 5-fractions	
SCREEN SURFACE	15–20 m^2	
HOT AGGREGATE SILO 1-ROW	Basic module: 26 t Additional module: 44 t (total max. 70 t)	
AGGREGATES SCALE	2500 kg	
FILLER SCALE	300 kg	
BITUMEN SCALE	200 kg	
MIXER SIZE / CONTENT	1.7 t	2.2 t
BINDING AGENT SUPPLY	Eco-Bit box tanks, horizontal configuration	
FILLER SUPPLY	Reclaimed and imported filler silos	
HOT MIX STORAGE SILO /COMPARTMENTS	Standard direct loading from mixer. Option 32 t; 18 m^3	
RECYCLING ADDITION UP TO 30 %	RAC directy into the mixer	

*Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 3 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Capacity figures subject to ± 10 % variation.

ABT 240–300 SPEEDYBATCH

TRANSPORT-OPTIMISED ASPHALT-MIXING PLANTS

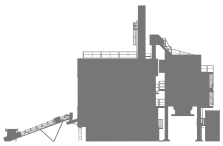
MOBILITY WITHOUT COMPROMISE

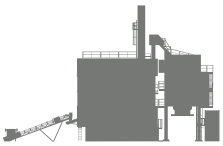
ABT 240–300 SpeedyBatch is perfectly configured in accordance with container dimensions and built for rapid deployment.

ABT 240–300 SpeedyBatch offers touches that make the moving process easier. Cable channels are integrated into catwalks that provide protection during transport. Elevators and the associated costs are not necessary because reclaimed and external filler silos are part of the support structure.

HIGHLIGHTS

- Output of 240 t/h to 300 t/h
- Extremely rapid installation and implementation
- Reduced site development costs because the plant does not require concrete foundations
- Lower installation costs because highly functional individual modules are linked via intelligent interfaces
- Provides every full-scale stationary mixing plant advantage in terms of output, performance and space requirements
- Includes Ammann's full range of recycling solutions
- Filler transport accomplished with tube screws; no elevator necessary





PLANT TYPE*	240	300
CONTINUAL PLANT CAPACITY AT 3 % MOISTURE	240 t/h	300 t/h
NUMBER OF COLD FEEDERS	As desired	
CONTENT COLD FEEDERS	14.19 m^3	
TYPE DRYING DRUM	ES 2390	ES 25100
BURNER POWER OUTPUT	16 MW	20 MW
FUELS	Natural gas, fuel oil extra light, heavy oil, combi oil / gas	
FILTER CAPACITY AFA	50 000 Nm^3/h	65 000 Nm^3/h
SCREEN TYPE	VA 1840 S	VA 2050 S
SCREENING	4- or 5-fraction	5- or 6-fraction
SCREEN SURFACE	31 m^2	43.5 m^2
HOT AGGREGATE SILO 1-ROW	30 t + extension in option of 47 t (total 77 t)	40 t + extension in option of 50 t (total 90 t)
AGGREGATE SCALE	3200 kg	4320 kg
FILLER SCALE	359 kg	440 kg
BITUMEN SCALE	285 kg	380 kg
MIXER SIZE / CONTENT	3.3 t	4 t
BINDING AGENT SUPPLY	Hot oil heated tanks horizontal 35 – 50 – 67 m^3. Optional: E-Bit, horizontal or vertical configurations, 60 m^3, 80 m^3, 100 m^3, also divided tanks available	
FILLER SUPPLY	Reclaimed filler silo horizontal (integrated in the filter), optional imported filler silos with reclaimed filler silo, filler tower in any desired configuration	
HOT MIX STORAGE SILO / COMPARTMENTS	Direct loading, 30 t in 1 compartment, 112 t in 2 compartments lateral	
RECYCLING ADDITION UP TO 30 %	Recommendation: RAC directly into the mixer Alternative: RAC into hot elevator or via ring into the RAH50 drum	
RECYCLING ADDITION UP TO 40 %	Up to 40 % with recycling drum RAH50	

*Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 3 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Mixing cycles 80 per hour.

ABM 90–140 EASYBATCH

MOBILE ASPHALT-MIXING PLANTS

THE MOST SUPER-MOBILE AND COMPACT PLANT ON THE MARKET

ABM 90–140 EasyBatch provides the flexibility of a batch plant with high-mobility capabilities. In fact, ABM 90–140 EasyBatch is ready to produce within two days of a move.

The complete, stand-alone plant fits onto trailers and can be installed without the assistance of a crane. The plant is ideal for multiple relocations in a single year and was specifically designed for reliable production in regions with little developed infrastructure. Its traveling width of 3 m and traveling height of 4.25 m also enable easy transport.

HIGHLIGHTS

- Output of 90 t/h to 140 t/h
- Extremely fast relocation and installation
- Pre-assembled and tested at the factory
- Compact on the site and during transport, with maximum width of 3 m
- No concrete foundation required
- Can be installed without a crane
- Available options make plant customisable to applications, particularly important given frequent use in isolated locations

PLANT TYPE*	90	140
CONTINUAL PLANT CAPACITY AT 3 % MOISTURE	90 t/h	140 t/h
NUMBER OF COLD FEEDERS	2 + 2	4 (Option: +1)
CONTENT COLD FEEDERS	Total 24 m^3	Total 26 m^3
TYPE DRYING DRUM	ES 1410 / 1650	T 1770 S
BURNER POWER OUTPUT	6.5 MW	10 MW
FUELS	Natural gas, fuel oil extra light, heavy oil	
FILTER CAPACITY	18 000 Nm^3/h	29 000 Nm^3/h
TYPE SCREEN	VA 1440	VA 1536
SCREENING	4-fraction incl. Bypass	4-fraction (Option 5-fraction)
SCREEN SURFACE	10.5 m^2	15.8 m^2
HOT AGGREGATE SILO 1-ROW	10 t	15 t (4 comparments / Option: 5 compartments)
AGGREGATE SCALE	1760 kg	2560 kg
FILLER SCALE	Included in aggregate scale	Option: seperate filler scale 200 kg
BITUMEN SCALE	Volumetric or optional coriolis massflow system	
MIXER SIZE / CONTENT	1.2 t	1.7 t
BINDING AGENT SUPPLY	1 bitumen tank 25 m^3	Optional
FILLER SUPPLY	Optional	
HOT MIX STORAGE SILO / COMPARTMENTS	Direct loading Option: lateral 57 t–120 t in 1 c. or 76 t in 2 c.	
RECYCLING ADDITION UP TO 30 %	Optional	Cold recycling addition (RAC) directly into the mixer
TRANSPORT DIMENSIONS WITHOUT TRUCK (length × width × height)	Trailer 1: 19.95 × 3 × 4.48 m Trailer 2: 15.8 × 3 × 4.48 m	Trailer 1: 21.5 × 3 × 4.3 m Trailer 2: 16.5 × 3 × 4.3 m
OPTIONS	Bitumen tanks Filler silo Coriolis flow counter for the bitumen feed	Additional feeder Five split screening Bitumen foam generator Bitumen tanks Filler silo Coriolis flow counter for the bitumen feed Filler weighing scale Diesel fuel tank

*Hot mix production capacity based on following conditions: 10 % bitumen and filler addition, input moisture of aggregates 3 %, aggregate temperature increase 175 K and 0/2 fraction share max. 40 % | Mixing cycles 80 per hour.

ABM 240–320 BLACKMOVE

MOBILE ASPHALT-MIXING PLANTS

HIGH CAPACITY PAIRED WITH AUTONOMOUS MOBILITY

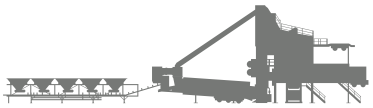
ABM 240–320 BlackMove is the highest-capacity mobile asphalt-mixing plant on the market. The plant provides capacity from 240 to 320 tonnes per hour, yet also remains highly mobile. It is perfectly suited for use on large construction sites located away from major infrastructure centres.

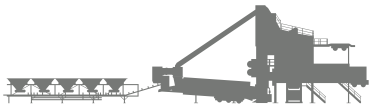
The plant fits on six semi-trailers and can be installed with small-capacity lifting gear. The site installation of the electronics and control system consists of simply connecting the standard interfaces.

The plant's advanced design enables a wide range of options such as recycled asphalt and fibrous feeds, which can be retrofitted.

HIGHLIGHTS

- Output of 240 t/h to 320 t/h
- Pre-assembled and tested at the factory
- Transported in six semi-trailers
- Extremely rapid on-site assembly
- No concrete foundation required
- Can be equipped with wide range of feed systems





PLANT TYPE*	240	320
CONTINUAL PLANT CAPACITY AT 3 % MOISTURE	240 t/h	300 t/h
NUMBER OF COLD FEEDERS	5 (option 9)	
CONTENT COLD FEEDERS	7.5 m^3 or 14 m^3	
TYPE DRYING DRUM	T 22100	T 25110
BURNER POWER OUTPUT	16 MW	20 MW
FUELS	Natural gas, Liquid gas, Fuel oil extra light, Heavy oil	
FILTER CAPACITY	48 000 Nm^3/h	65 000 Nm^3/h
TYPE SCREEN	VA 2050 BM2	
SCREENING	5-fraction	
SCREEN SURFACE	36.2 m^2	
NUMBER OF SCREEN DECKS	5	
HOT AGGREGATE SILO 1-ROW	23 t (5 compartments)	
AGGREGATE SCALE	4000 kg	
FILLER SCALE	400 kg	
BITUMEN SCALE	320 kg	
MIXER SIZE / CONTENT	4 t	
BINDING AGENT SUPPLY	Max. 4 tanks. E-bit horizontal 55 m^3	
FILLER SUPPLY	Standard: 20 m^3 reclaimed filler silo Option: 20 m^3 reclaimed filler silo, 60 m^3 imported filler silo Option: filler tower (20 m^3 reclaimed filler, 40 m^3 imported filler)	
HOT MIX STORAGE SILO / COMPARTMENTS	Direct loading or lateral silo with 54 t (1 c.) or 112 t (2 c.) semi mobile Option: 90 t (2 c.) mobile	
RECYCLING ADDITION UP TO 30 %	RAC directly into the mixer	
RECYCLING ADDITION UP TO 40 %	RAH50-25100	–

*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 80 per hour.

AMMANN CORE COMPONENTS

EVERYTHING FROM ONE SOURCE

Ammann premium asphalt-mixing plants utilize complex process engineering that requires perfect interaction between all individual components. So essential is this integration that Ammann engineers all core components, including drums, burners, filters, screens, controls and mixers in house.
Doing so is the only way to guarantee that our plants will meet the demanding requirements and standards of the modern market environment. Ammann is currently the only manufacturer of asphalt-mixing plants to offer this single-source approach, establishing us as a professional partner to handle every aspect of your asphalt-mixing plant. We provide answers when you need them and keep an open mind in order to fully understand your needs.

BURNERS AND DRYERS

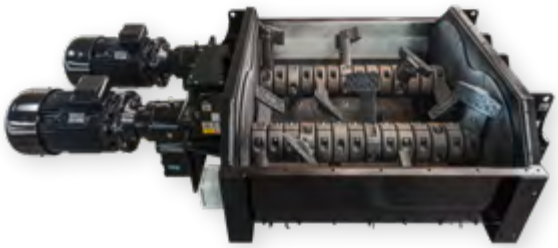
Ammann burners and dryers are highly reliable, productive and feature cutting-edge technology. Robust, compact and energy-efficient designs minimize maintenance requirements and reduce fuel consumption. The burners and dryers are adaptable to multiple Ammann plant types and built for easy operation. A wide range of options is available.

SCREENS

Ammann screens are highly reliable and properly sort materials. Optimal material load maximizes available screen area usage. A dust-free screen house is among the expertly engineered features. The screens are easy to operate and require minimal maintenance. A wide range of options is available.

FILTERS

Flow is optimized through a highly technical analysis. The filters perform well from top to bottom and minimize service time. Ammatex filter bags offer high temperature resistance and eliminate the need for a fresh air damper. PTFE coating and seams create exceptional resistance and longer life. Improved thermal insulation contributes to the plant's efficiency.



MIXERS

Mixers are highly reliable with short mixing times. Maintenance is minimal and all components work seamlessly and efficiently because of Ammann's quality engineering. The operator-friendly mixers are an integral part of Ammann plants.

AS1 CONTROL SYSTEM

POWERFUL, RELIABLE AND PROVEN WORLDWIDE

The powerful and future-oriented as1 system concept combines proven Ammann software with specially matched industrial hardware. The as1 computing environment has been designed and tested for use in tough environments. Its networking capability also has been optimised. Customers profit from the flexible workstation configuration, networking and administration.

THE FIELD BUS SYSTEM
GUARANTEED FOR RELIABLE SIGNAL TRANSFER

The proven field bus system is robust and reliable under tough operation. Faults can be detected efficiently and rectified by means of the diagnostic tools, even via remote support.

THE POWER CABINET'S COMPONENTS
DESIGNED FOR TOUGH, ROUND-THE-CLOCK OPERATION

The power cabinet's components have to withstand extreme stress 24 hours a day, which is why Ammann only uses tried-and-tested, globally available quality components from renowned manufacturers.

HIGHLIGHTS

- Comprehensive system functionality
- Quick and easy to learn
- Safe to operate
- Proven, reliable field bus and load-sharing
- Professional hotline and support organisations ready for service worldwide

HOTLINE AND SUPPORT
PLANT AVAILABILITY ASSURED

Electromechanical faults can be quickly resolved by the customer's own personnel with the help of the electrical circuit diagrams and the as1 diagnostic tools.
Ammann's knowledgeable customer service team staffs the hotline, which can be called for fault diagnosis or maintenance at any time. Modern telecommunications media increase the availability of the plant and reduce the need for costly on-site servicing.

AFTER SALES

COVERING ALL NEEDS

Contracted maintenance services and technician training provided by Ammann help protect your investment, while operator training ensures your team is able to utilise all the features and benefits built into your plant. When your needs change, Ammann offers retrofit options that can provide you with a good-as-new plant at a low cost.

PUT AMMANN EXPERTISE TO WORK

Ammann offers service packages that ensure all maintenance is current, making your plant efficient and also protecting it from premature wear that can result from poor service practices. A variety of technical service packages are available. Or, if you prefer, an Ammann representative can visit your plant and together you can develop a plan that perfectly fits your needs.

VALUE AND AVAILABILITY

Ammann parts provide the best value over the life of your plant. The parts are built to last and have a longer life than low-cost products on the market. Ammann parts also are a perfect fit for your plant, enabling other components to run more efficiently and last longer. Availability is another key Ammann focus. The Ammann logistics team recently overhauled stocking centres and processes to ensure the most essential parts are always nearby.

READY WHEN YOU ARE

Ammann experts are ready to assist you in emergency situations 24 hours a day, seven days a week. The help line team is highly trained and experienced. Representatives can talk you through the challenges – in many different languages – with a remote connection to your system that will minimise the troubleshooting time.

TRAINING

FULFILL YOUR PLANT'S POTENTIAL WITH TRAINING

Your plant features components engineered for productivity and technology that can deliver benefits unheard of just a few years ago. Yet those components and that technology are only as good as the operator using them. How can you help operators make the most of the tools at their disposal? The answer is training.

WORLDWIDE TRAINING CENTRES

Ammann has more than 10 regional training centre locations around the world.
Key teaching themes connect them all.

- A good balance. The centres combine a traditional classroom setting with hands-on experience, including the availability of plant components for maintenance lessons.
- Experiment without consequences. The as1 control system simulator provides operators with realistic scenarios without running the risk of wasting material or causing plant downtime. Operators can experiment and learn from their mistakes – without costly consequences to your operations.
- Learn from peers. Operators from other facilities attend the training. Participants say the conversations with their peers – and learning how they overcome challenges – is another key benefit.
- Learn in your language. Lessons are taught in many languages, ensuring your team understands key terms and lessons and makes the most of your investment.

In addition, Ammann experts can customise a curriculum for your needs and work with operators and managers at your facility. The advantages include hands-on experience with your equipment and the ability to involve more of your staff than would likely be sent to a regional training centre. Choose from the Ammann training modules.

For additional product information
and services please visit:
www.ammann.com