



AMMANN
INDIA

PRODUCT RANGE

AMMANN INDIA PRESENCE

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. We are committed to sustainability - in both the products we make and the ways we make them.

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. Plants and machines that consistently prove their merits under demanding conditions are the best way to give our customers the critical, competitive edge they need.

Our reliable, punctual service network provides the essential spare parts that keep our customers working - and supports the plants and machines throughout their lifetimes.



1 MANUFACTURING FACILITY AND CENTRE OF COMPETENCE

7 CUSTOM DESIGNED PACKAGES FOR MACHINES AND PLANTS SUPPORT

23 SALES AND SERVICE OFFICES

200+ TRAINED ENGINEERS AND TECHNICIANS ACROSS INDIA

PLANTS

CONCRETE BATCHING
PLANTS ASPHALT MIXING



MACHINES

LIGHT / SOIL/ ASPHALT COMPACTION
ASPHALT PAVERS, CONCRETE PUMPS



Allied Products



AMMANN GLOBAL PRESENCE



ASPHALT-MIXING PLANTS

AMMANN HAS THRIVED IN THE ASPHALT BUSINESS THROUGH A CONTINUED COMMITMENT TO INNOVATION, INDUSTRY LEADERSHIP AND PROVIDING BEST-IN-CLASS PRODUCTS AND SERVICES.

Ammann has had a presence in the asphalt plant industry for more than 100 years – before the advent of recycled asphalt, low-temperature mixes or automatic control systems.

What hasn't changed is how Ammann does business. To this day all plants and their core components are engineered in-house to create a perfect fit and ultimately provide quality, efficiency and long life. This approach also means a single point of contact for virtually all plant needs.

A century of industry expertise, meanwhile, ensures an understanding of our customers' needs and the development of plants that provide real-world solutions. That includes reducing material waste and energy consumption, tasks handled by the Ammann as1 Control System – the brains of the plant.

Producing asphalt requires more than plants. There are a host of other pieces to the puzzle, and Ammann offers complementary products that fit together perfectly to deliver exceptional results.

BATCH PLANTS

Ammann batch plants develop the consistency that is crucial to mix quality while providing maximum flexibility in the mixing process. All plant processes and components are carefully developed to ensure that feeding, heating, drying, screening and mixing seamlessly blend together. The proven as1 control system, which provides leading technology with a user-friendly interface, makes it easy to handle the complex interaction of each piece of equipment.

CONTINUOUS PLANTS

Ammann continuous plants offer maximum performance and consistency, often when high volumes of mix are needed. The continuous plants also incorporate Ammann advantages including mixing technology, recycling, the as1 Control System – and more.

AS1 – THE LEADING PLANT CONTROL SYSTEM FROM AMMANN

Modern asphalt-mixing plants give the plant operator plenty of flexibility and opportunity to customize the recipe as per various JMF-Job Mix Formula based on various asphalt mix design, may it be RAP from 10 to 100%, SMA, MASTIC, WARM MIX, Waste Plastic, Coloured Mix, Liquid Addition line Anti- Stripping Agent, Rejuvenators etc. With state-of-the-art advance as1 Control System from Ammann, plant can handle multiple project as per their requirement and plant operator has all processes, always in a clear overview and can manage difficult operations easily.

AMMANN EXPERTS RELY ON THEIR INDUSTRY KNOWLEDGE AND LISTEN TO CUSTOMERS. THAT APPROACH HAS HELPED THE AMMANN RESEARCH AND DEVELOPMENT TEAM TO INTRODUCE NEW PRODUCTS WITH REAL-WORLD VALUE.

VT 180



ASPHALT-MIXING PLANTS

BATCH PROCESS

STATIONARY



ABC VALUETEC

Capacity: 100–260 t/h
Mixer size: 1.2–3.3 t



ABC ECOTEC

Capacity: 80–120 t/h
Mixer size: 1–1.7 t



APOLLO ANP 1500-2000

Capacity: 120–160 t/h
Mixer size: 1.5–2 t



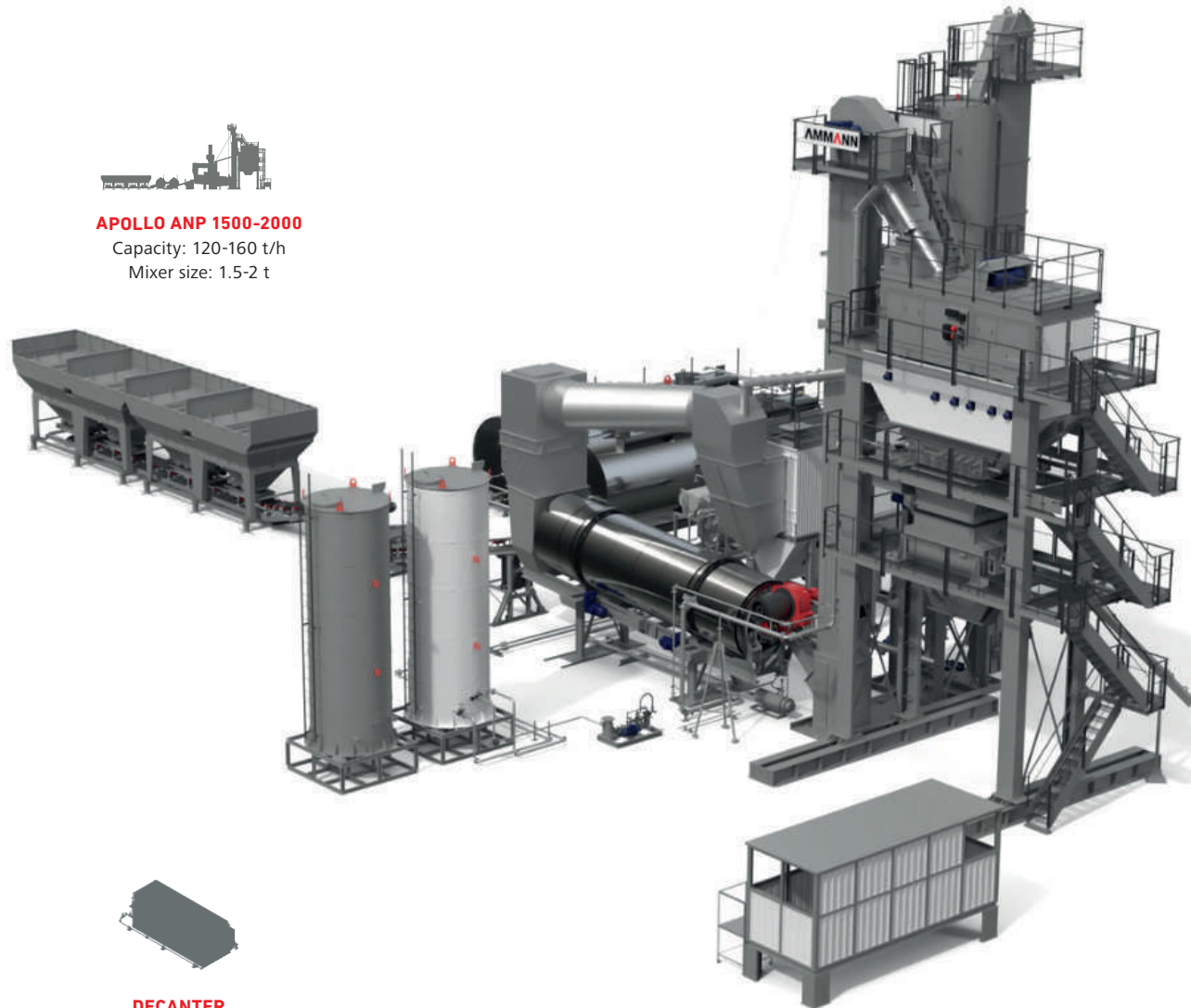
ABC SUPERTech

Capacity: 130 t/h
Mixer size: 1.7 t



ABC SUPERTech

Capacity: 160 t/h
Mixer size: 1.17 t



COMPLEMENTARY PRODUCTS



APOLLO ATM BITUMEN SPRAYERS



APOLLO BROOMS



DECANTER

Capacity: up to 10 t/h

CONTINUOUS PROCESS

STATIONARY



CFD 90

Capacity: 90 t/h
(with RAP Option)



CFD 90 LITE

Capacity: 90 t/h
(with RAP Option)



CFD 120

Capacity: 120 t/h
(with RAP Option)



DRUMMIX

Capacity: 60–120 t/h



WETMIX 100

Capacity: 100 t/h
Mixer size: 1.62 M³
(with CTAB and Emulsion)



WETMIX

Capacity: 200-250 t/h
Mixer size: 2.4-3 M³
(with CTAB and Emulsion)



COMBINATION PLANT

ECOTEC 120 & DRUM MIX
Capacity: 120 t/h
Mixer size: 1.7 t



CONCRETE RANGE

AMMANN ELBA HAS PROVIDED RELIABLE AND ECONOMICAL SOLUTIONS FOR THE PRODUCTION OF HIGH-QUALITY CONCRETE FOR MORE THAN 60 YEARS. AT THE CORE ARE COMPULSORY MIXERS AND COMPLETE MIXING PLANTS, BOTH MOBILE AND STATIONARY. COMPLEMENTING THE PRODUCT LINE ARE LINEAR STORAGE BINS.

The design and quality of components and materials separate Ammann ELBA. From the plants to the storage bins and everything in between, all materials feature excellent quality to ensure long life and durability.

CONCRETE PLANTS

Every plant is designed for high productivity and each is available in stationary and semi-mobile versions.

- Other options include high-performance plants.
- All plant types also integrate modular designs that provide flexibility so they can be customized to fit each customer's needs – now or in the future.

AMMANN ELBA CC PLANTS ARE TRANSPORT-OPTIMISED, FEATURING FAST INSTALLATION TIMES AND HASSLE-FREE RELOCATION AS WELL AS FAVOURABLE TRANSPORT DIMENSIONS.

CONCRETE MIXERS

Ammann ELBA has been an industry leader for decades.

- All mixing systems are continually tested and improved.
- Ammann offers efficient mixing technology, productivity and long product life.

LINEAR STORAGE BINS

Ammann ELBA linear batchers are ideal for storing, discharging and weighing aggregate materials.

- Various model ranges are available with volumes of 9 m³ to 52 m³ per chamber.
- Linear chamber separation allows up to 12 different aggregate types to be stored and discharged.



CC 60 ELBA



CC 130 ELBA

TRANSPORT-OPTIMISED



CC ELBA

Max. concrete output: 30–75 m³/h
Mixer volume: 500–1250 l

CC 30 Elba | CC 45 Elba
CC 60 Elba | CC 75 Elba



CC ELBA

Max. concrete output: 91–128 m³/h
Mixer volume: 2000–3500 l

CC 105 Elba | CC 120 Elba
CC 130 Elba | CC 150 Elba



MIXERS



CEM ELBA
SINGLE-SHAFT
COMPULSORY MIXER

Compacted fresh concrete:
0.5–1.0 m³
Dry volume: 0.75–1.5 m³

CEM 500–1000 S Elba



CEM ELBA
TWIN-SHAFT
COMPULSORY MIXER

Compacted fresh concrete:
1.0–4.5 m³
Dry volume: 1.5–6.75 m³

CEM 1000–4500 T Elba

CONCRETE PUMP



CPS 50

Max theoretical output
47 m³/h
Max concrete pressure:
85 bar
Capacity: 600 L



CPS 70

Max theoretical output
72 m³/h
Max concrete pressure:
97 bar
Capacity: 600 L



CPB 36

Max theoretical output
100 m³/h
Max pipeline pressure:
85 bar
Stroke length: 2000 mm

LINEAR STORAGE BINS



CEL ELBA

Chamber size: 9–52 m³

CEL 9 Elba | CEL 20 Elba | CEL 25 Elba
CEL 35 Elba | CEL 52 Elba
Weighing conveyor belts

COMPLEMENTARY PRODUCTS



KLM 1200

Kerb Laying Machine



KLM 40

Kerb Paver



PLANT TECHNOLOGY

AMMANN CORE COMPONENTS

Asphalt-mixing plant technology is built around core parts such as dryers, burners, screens, control systems and more. When those parts come together properly, they deliver the ultimate productivity gains. Yet they can only work seamlessly and provide the ultimate gains when each piece fits perfectly with the next.



DRYER & BURNER

- Ammann burners and dryers are highly reliable, productive and feature cutting-edge technology
- Robust, compact and energy-efficient designs minimise maintenance requirements and reduce fuel consumption
- The burners and dryers are adaptable to multiple Ammann plant types and built for easy operation



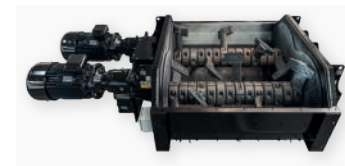
FILTER

- Flow is optimised through a highly technical analysis
- The filters perform well from top to bottom and minimise service time
- PTFE coating and seams create exceptional resistance and longer life
- Improved thermal insulation contributes to the plant's efficiency



SCREEN

- Ammann screens are highly reliable and properly sort materials
- Optimal material load maximises 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



MIXER

- 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

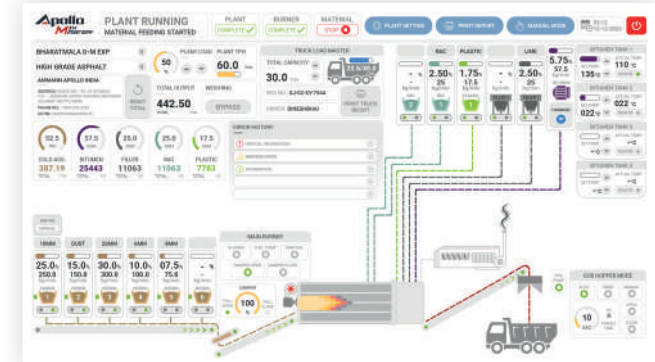
The system coordinates many key plant processes, including cold feeding, drying, weighing-mixing, bitumen supply, batch loading and service and support. Its intuitive technology provides the ultimate management and operation tool – for all plant types and for operators of all experience levels. Optional as1 modules help your plant deliver even more value. Concrete plants also utilise the as1 Control System and benefit from the value it brings.

Gold
Microsoft Partner
Microsoft



APOLLO MIX MASTER

- Future Ready & State of the Art Embedded Control Platform for Apollo Continuous Mix Plants (Drum Mix, Counter Mix Lite and Wet Mix).
- Connect via A-Cloud to IoT, RnB & any 3rd Party Govt. Servers.
- Rugged for harsh operating environment, Easy to Operate, Remote Troubleshooting & Program Upgrade.



EWP ELBA WEAR PROTECTION

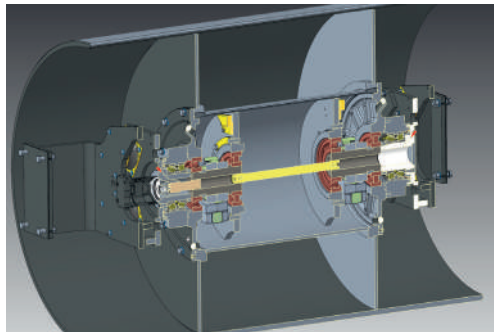
EWP protects and significantly extends the service life of components most exposed to wear and tear. The intelligent system is economically priced and consists of hard-wearing polyurethane. EWP precisely fits the plant's mixing shaft and arms, discharge hopper and feeder skips.



SOIL & ASPHALT COMPACTION

AMMANN COMPACTORS PROVIDE INDUSTRY-LEADING COMPACTION OUTPUTS – WHATEVER THE APPLICATION. YOUR JOBSITE CONDITIONS MIGHT CHANGE, BUT YOU WILL ALWAYS HAVE A NEED FOR PRODUCTIVITY AND PERFORMANCE.

Compaction is about reaching the desired goals in the fewest passes possible. Ammann soil and asphalt compactors provide that needed efficiency through industry-leading technology and the ability to direct more force toward the target and away from the machine. The result: quality results in fewer passes and a more productive and profitable jobsite.



PRODUCTIVITY

Enhanced compaction Efficiency

- 4 bearing vibratory system in ARS110.2.
- Zero Humps and minimized final level errors with Smooth Start & Smooth Stop function in ARX90.2.

Operational Efficiency

- Increased working width and better edge compaction with 40mm Drum Offset in ARX32.2.



ERGONOMICS

Operator Comfort & Control

- Four Shock Mounts isolate operator platform from vibrations.
- Ergonomically designed electronic drive lever.

Enhanced Visibility

- Better operator Visibility (1m X 1m).
- Rotating extending system in ARX90.2 and sliding operator seats in ARX32.2.



SERVICEABILITY

Easy Maintenance Access

- Engine compartment separated from operators platform.
- Sliding engine hood in Tandem Rollers

Durability & Longevity

- Self lubricating drum bearings.
- Dual adjustable scrappers.



SOIL COMPACTOR



ARS (AXLE / DRUM DRIVE & PADFOOT DRUM)

Operating weight: 11 100 kg / 11 300 kg
Working width: 2130 mm
Frequency: 32 / 35 Hz
Centrifugal force: 160 / 275 kN

ARS 110.2 / ARS 110.2HX

HEAVY TANDEM ROLLER



ARX

Operating weight: 9190 kg
Working width: 1700 mm
Frequency: 42 / 55 Hz
Centrifugal force: 67 / 78 kN

ARX 90.2



LIGHT TANDEM ROLLER



ARX

Operating weight: 3250 kg
Working width: 1200 mm
Frequency: 55 / 66 Hz
Centrifugal force: 39 / 47 kN

ARX 32.2

WALK BEHIND ROLLER



ARW

Operating weight: 735 kg
Drum width: 650 mm
Frequency: 58 Hz
Centrifugal force: 10 / 19 kN

ARW 65.1



ARX

Operating weight: 2530 kg
Working width: 1200 mm
Frequency: 58 / 66 Hz
Centrifugal force: 27 / 35 kN

ARX 26.2



ASPHALT PAVERS

THE FULL LINE OF AMMANN PAVERS OFFERS A MATCH FOR VIRTUALLY ANY PAVING APPLICATION. THAT INCLUDES NARROW STREETS REQUIRING SMALL, MANOEUVRABLE MACHINES AND OPEN SPACES WHERE THE PAVER NEEDS TO COVER GROUND QUICKLY AND STILL LEAVE BEHIND A QUALITY MAT.

Variety is prevalent throughout the Ammann paver lineup. With a complete range of asphalt pavers Ammann offers the right machine for all needs when it comes to asphalt paving.

Wheeled and sensor pavers prove manoeuvrable and productive, even in the tightest spaces. Pavers range in size from those small machines all the way up to Ammann ABG's largest model and its 13-metre working width, helping it thrive on high-production jobsites such as airports and roadways.

The scope of technology available on Ammann's Apollo and ABG pavers means customers can choose the option that best fits their needs to find the ideal paver for their daily work or a specific project. Conventional controls offer simplicity and high quality. Premium pavers feature PaveManager, a technologically advanced, automated HMI system that provides operators with permanent feedback about the paving project to enable real-time adjustments.

MECHANICAL WHEELED PAVER

The Mechanical Wheeled Paver from the Ammann's Apollo brand excel through their flexibility. They are a good match for any small-sized paving job – giving you the manoeuvrability and performance you need in your projects. These pavers are built specially for rural projects where space is tight but high productivity is crucial.

ABG MULTI CLASS PAVER

When productivity and quality of finish is what matters, Ammann's ABG brand has the right paver for your needs. With the multi class pavers, Ammann offers you a selection of tracked asphalt pavers that deliver high performance while offering advanced paving technologies that help boost quality and operator comfort.

SENSOR WHEELED PAVER

The sensor wheeled pavers offer an abundance of production in a small package. These wheeled pavers are the world's most compact in their size class, while offering all the tools and support you need to reach best paving results with a host of sensors to help you pave mid-size with utmost accuracy for a smoother finish.

ABG HIGHWAY CLASS PAVER

ABG Highway Class Pavers are advanced machines designed for high-volume, multi-lane highway projects. They offer exceptional paving widths of up to 13 meters and are powered by fuel efficient engines. Key features include intuitive controls, adaptive ECO Mode, automatic track tensioning and advanced screed technology, ensuring precise, efficient and durable paving results.

AP 550



MECHANICAL WHEELED PAVER



APOLLO

Weight: 10870 kg
Engine power: 74 kW
Basic working width: 2500 mm
Max. paving width: 4500 mm

WM6 HES

SENSOR WHEELED PAVER



APOLLO

Weight: 15420–17540 kg
Engine power: 93.2 kW
Basic working width: 2500 mm
Max. paving width: 5750–7000 mm

AP 550 | AP 600



ABG 5420



APOLLO TRACKED PAVER



APOLLO

Weight: 25040 kg
Engine power: 133 kW
Basic working width: 3000 mm
Max. paving width: 9500 mm

AP 1000

ABG HIGHWAY CLASS PAVER



ABG

Weight: 16750–27228 kg
Engine power: 101–200 kW
Basic working width: 2500–3000 mm
Max. paving width: 7500–13 000 mm

ABG 5420 ABG 7320
ABG 7920 ABG 8820



MACHINE TECHNOLOGY

ABG PAVER SCREEDS



TRACKED PAVER FIXED SCREED

OMNI V ETC, VB 88 ETC



TRACKED PAVER VARIOMATIC SCREED

MB 122 ETC



AP550 TV4500

Diesel Screed Heating



AP600 TV4500

Double Telescopic
Diesel Screed Heating

AP-600 - TV4900

Gas Screed Heating



AP 1000

Gas Screed Heating

APOLLO PAVER SCREEDS



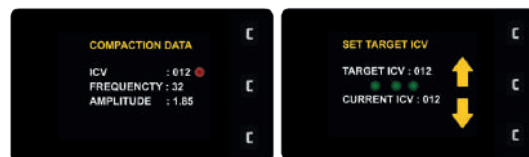
WM6 HES SCREED

Gas Screed Heating



COMPACTION MEASURING SYSTEM

- Relative measuring system & Avoid under and over compaction
- Cost savings – fewer passes required
- Robust hardware designed for construction environment
- Robust display in direct view of operator; screen can be selected per operator's preference
- Available only for ARS 110.2 and ARX 90.2



TELEMATICS

- **Increased Productivity** : By optimizing machine usage and operator performance.
- **Reduced Downtime** : Through proactive maintenance and rapid issue resolution.
- **Cost Savings** : By improving fuel efficiency and extending the lifespan of the machine.



BIG SONIC SKI

The SONIC SKI® sensor : The first device equipped with multiple ultrasonic oscillators. Five sensors determine the distance to the reference point, while a sixth is used for temperature compensation.

Contact free Grade levelling : With contact free sensing from ground, string line or curb. Maximum flexibility by using different references, no mechanical wear, no soiling of the sensor.



RETROFIT

LOW-TEMPERATURE ASPHALT WITH AMMANN FOAM®

Low-temperature asphalt is about much more than an foam injection device. It is a process that starts with drying at a reduced temperature, then moves to specific mixing sequences and the introduction of recycling. Ammann technology can help throughout the process cuts lower emissions and energy costs by up to 25 %.



WASTE PLASTIC ADDITION

The waste plastic is introduced in a dry state and serves as a binding agent in the mixture. Typically, the addition of waste plastic ranges from 5% to 10% of the bitumen content. The system includes a storage hopper, weighing mechanism, and chute directly feeding into the mixer for seamless integration.

SMA ADDITION

Whether it's highways or city streets, SMA delivers a smoother commuting experience and is longer lasting than conventional pavements.

The unique fiber-infused composition guarantees superior structural rigidity. This effectively reduces rutting while prolonging the lifespan of roads paved from this groundbreaking material.

CUSTOM-MADE RECYCLING SOLUTIONS



The use of reclaimed asphalt, or RAP, has become a necessity. Governments increasingly want the reclaimed asphalt from old roads re-used. Ammann provides several options to help your recycling and cost-saving efforts.

- Counterflow dryers that enable use of 100 per cent hot recycled material
- Parallel flow dryers that can use up to 60 per cent hot recycled material
- Middle-ring dryers for the use of up to 40 per cent recycled material
- Cold addition systems for the use of 30 per cent recycled material

**40 % HOT FEED
IN DRYER DRUM RAH50**



HIGHLIGHTS

- Significant reduction of production costs due to lower costs of bitumen, minerals and transport costs
- Supported or promoted by statutory legislation (country specific)
- Less effect on natural resources (fewer oil and mineral requirements)
- CO₂ reductions

**UP TO 30 % COLD FEED
INTO THE MIXER**



THE ADVANTAGES OF A RETROFIT

There is a way to have the benefits of a new plant – without the acquisition cost. A retrofit from Ammann is a proven process that modernises existing plants so they can access the latest technological and environmental improvements.

Ammann has a tested retrofit process. It costs a small fraction of the price of a new plant and is available for asphalt-mixing products made by Ammann and other manufacturers.

What key benefits do you get with a retrofit?

Environmental Upgrades

Among the potential enhancements are a revamped bitumen tank system and baghouse, noise reduction and an ability to develop low-temperature mixes.

Technological Improvements

The burners, the mixer, the control system and the recycling system are updated to utilise the latest technology.

A Rejuvenated Plant

Retrofit options include replacement of the dryer and mixer and the addition of Amdurit®, Ammann's proprietary wear-protection system.

AMMANN ACADEMY

Ammann operates over 10 regional training centers globally, where a blend of traditional classroom instruction and practical, hands-on learning takes place. These centers provide access to plant & machine components, enhancing maintenance lessons with real-world experience.

Ammann Academy empowers operators with expert training in machinery operation and maintenance, focusing on fuel efficiency, production, and cost reduction. The as1 Control System simulator provides realistic scenarios for hands-on practice without risks. Expert-led sessions cover a wide range of topics, from basics to advanced techniques. Our tailored programs meet unique needs, ensuring every operator gains confidence and skills for improved field performance. Elevate your expertise with Ammann Academy.

AFTER SALES PLANT

TECHNICAL SERVICES FOR YOUR ASPHALT-MIXING PLANT

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.



BURNER
MAINTENANCE



PERIODIC
MAINTENANCE



CALIBRATION
SERVICE



ELECTRICAL
CHECK



FILTER
CHECK



ONLINE
SUPPORT



AFTER SALES MACHINE

WEAR PART KITS

While wear and tear are unavoidable, minimizing downtime is essential. Wear parts kits streamline the replacement process, ensuring efficiency and cost-effectiveness. Each kit contains all the necessary parts in a single package, facilitating fast, easy, and convenient replacements.

MAINTENANCE KITS

Regular maintenance is vital for optimizing machine performance and extending its service life. Simplifying maintenance tasks increases the likelihood of timely completion. Maintenance kits provide an easier solution, as they consolidate parts associated with specific maintenance intervals into a single package with a single part number.

EMERGENCY KITS

Addressing minor issues promptly prevents them from escalating into major problems that could halt machine operations or disrupt a jobsite. Emergency repair kits contain essential components such as switches, fuses, and valve coils, which are quick and easy to replace but can cause significant disruptions if malfunctioning. These compact kits are designed to fit easily in a machine's toolbox, ensuring they are readily available when needed. With basic technical knowledge, operator can efficiently handle these repairs onsite, typically completing them within two hours or less.

AMMANN **A**-CLOUD IOT TECHNOLOGY



1. Monitor Your Entire Operations in your fingertips.
2. Get Vital Statistics and MIS information Live – On the GO.
3. Generate insightful business and performance Reports on Mobile / Tablet
4. Schedule Maintenance and Plan Service Appointments through our interactive “Case Management System”.
5. Optimize your fleet and generate Automatic Reports for Govt. bodies, Billing and Planning purposes.
6. Dealer Portal for Bi-directional interactions with both End Users and Ammann for Sales, Spares, Retrofits & Service.
7. End-to-End Encryption for Data Security, Data Backup, SIM, Account and Subscription Management Services.
8. Compliant with AIS-140 Norms & ISO-15143-3 Telemetry Standards





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