



PRODUCT RANGE
FOR NORTH AMERICA

AMMANN

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, SUSTAINABLE BUSINESS

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.



GLOBAL DISTRIBUTION AND SERVICE NETWORK

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

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 whilst 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 opportunity on the fine-tuning of the asphalt. Juggling various mixes and recipes while handling multiple projects can be challenging. With the as1 Control System from Ammann, the 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.

THAT INCLUDES THE PATENTED “ZERO WASTE” SYSTEM, AS WELL AS DEVELOPING SEPARATE HEATING AND MIXING SO THAT RECIPES CAN BE ADJUSTED ON THE FLY AND COSTLY STOPS AND STARTS AVOIDED. THOSE ARE ONLY A FEW EXAMPLES, AND OF COURSE THERE ARE MORE TO COME.

BATCH PROCESS

STATIONARY



ABP HRT

Capacity: 265–441 tons/h
240–400 metric tons/h
Mixer size: 4.4–6.6 tons
4–6 metric tons



ABA UNIBATCH

Capacity: 110–376 tons/h
100–340 metric tons/h
Mixer size: 1.9–4.7 tons
1.7–4.3 metric tons



ABT QUICKBATCH

Capacity: 154–198 tons/h
140–180 metric tons/h
Mixer size: 1.9–2.4 tons
1.7–2.2 metric tons

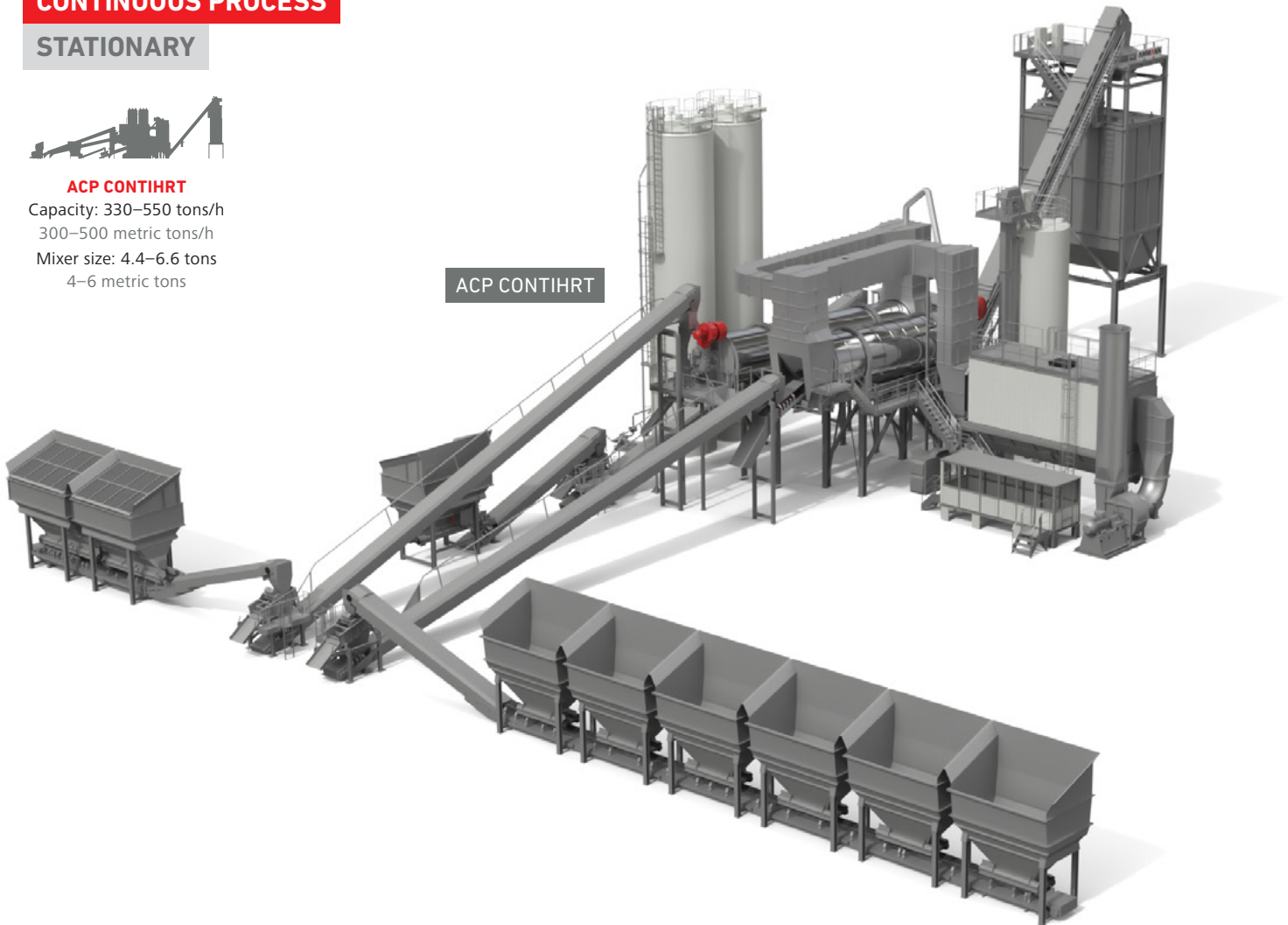
CONTINUOUS PROCESS

STATIONARY



ACP CONTIHRT

Capacity: 330–550 tons/h
300–500 metric tons/h
Mixer size: 4.4–6.6 tons
4–6 metric tons

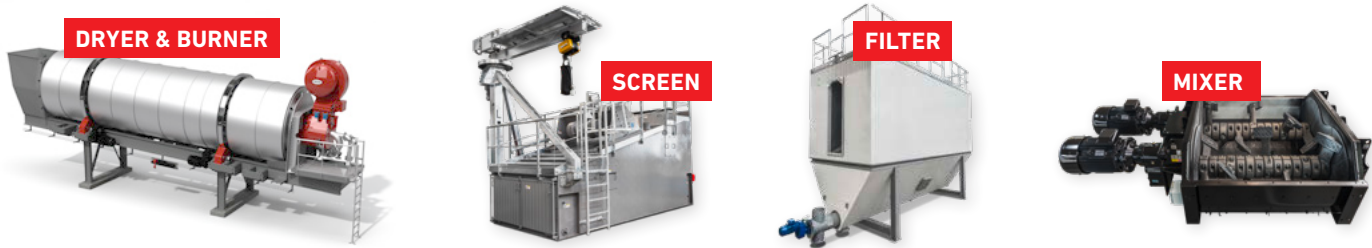


PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE
FOR PRODUCT AVAILABILITY IN YOUR MARKET.

PLANT TECHNOLOGY

AMMANN CORE ELEMENTS

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.



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.

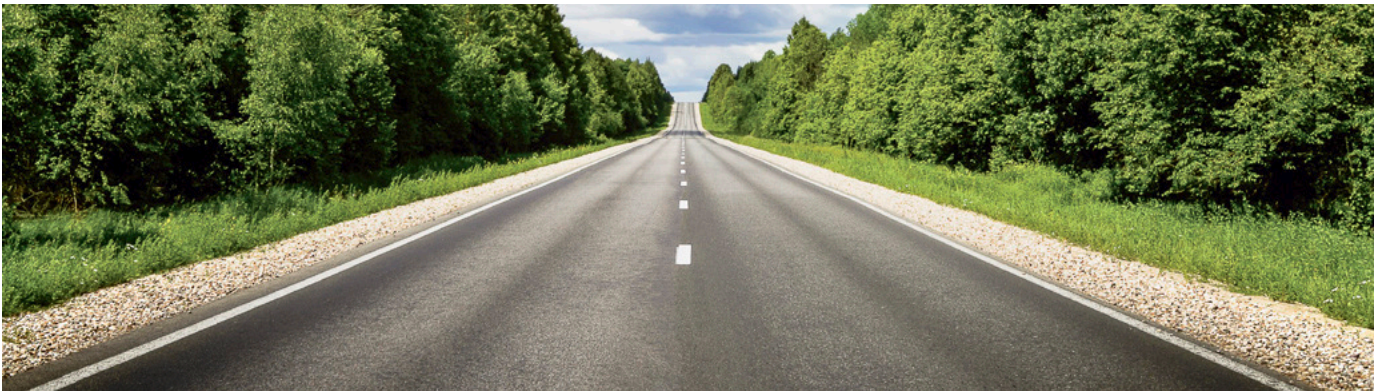


ISV/Software Solutions
Business Process and Integration



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 %.



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
- Various cold addition systems for the use of 25 per cent to 40 per cent recycled material

AMDURIT

Amdurit provides three times the service life of wear-resistant steel and protects valuable parts and components. Instead of replacing the component, simply swap out the Amdurit covering. The wear-protection system results in savings on multiple fronts including extended component life, reduced labor on replacement efforts and improved plant uptime.



LIGHT COMPACTION

AMMANN LIGHT EQUIPMENT IS INTUITIVE, SO OPERATORS OF ALL EXPERIENCE LEVELS CAN BE PRODUCTIVE. A VARIETY OF HIGH-QUALITY MACHINES, IN MANY SIZES, ENSURE THERE IS A PROPER FIT FOR MULTIPLE APPLICATIONS AND CONDITIONS.

There is Ammann light compaction equipment for the most spacious – and the tightest – jobsites. From the largest to the smallest machine, each is built with industry-leading compaction output.

The machines are built to last through thanks to their high-quality components and assembly.

They're easy to use, too, making operators of all experience levels productive – a great benefit for rental houses.

Many use petrol, while others offer petrol or diesel options.

No matter the size of the job, Ammann has a light compactor to match it. While machine sizes vary, all share common traits.

PRODUCTIVITY

- Flexibility that allows use in many applications and materials, including soil, aggregate, paving stones and more
- Strong compaction forces that ensure a stable ground after only few passes

ERGONOMICS

- Operator comfort and safety
- Simple operation
- Adjustable to the operator's needs

SERVICEABILITY

- Emergency kits for immediate support on site
- Maintenance kits for proper service work with genuine Ammann parts
- Easy-to-access maintenance points

RAMMERS

Ammann Rammers feature the best forward-movement in the industry, helping contractors in all applications work productively and ultimately achieve compaction targets. The forward-moving ability makes them the tool of choice contractors and rental agencies.

TRENCH ROLLERS

Trench rollers, also called multipurpose compactors, perform well in cohesive soil types, such as clays, that can be very difficult to compact. The Trench Rollers 1575 and 1585 are able to overcome the high moisture content in clays through their extreme compaction energy and the kneading effect of their padfoot drums.

VIBRATORY PLATES

Ammann Vibratory Plate Compactors are ready for any situation. The product line ranges from a light 119 lb (54 kg) to a much heavier 1934 lb (877 kg) – with many models in between.

- APF Forward Moving Vibratory Plates
- APR Reversible Vibratory Plates
- APH Hydrostatic Vibratory Plates

ADD-ON COMPACTORS

Ammann Add-On Compactors reach spots where conventional plates can't. The add-ons fit on excavators, which use their reach to compact in hard-to-access places such as deep, narrow trenches and particularly steep grades. They also can provide more power than walk-behind compactors.

RAMMERS



ATR

Machine weight: 62–150 lb
28–68 kg
Foot width: 3–11 in
80–280 mm
Centrifugal force: 450–2923 lbf
2–13 kN

ATR 30 | ATR 60C | ATR 60P
ATR 68C | ATR 68P

TRENCH ROLLERS



ARR

Machine weight: 2950–3170 lb
1340–1440 kg
Working width: 25–33 in
640/850 mm
Frequency: 2400 vpm
40 Hz
Max. centrifugal force: 8093–16,860 lbf
36–75 kN

ARR 1575



VIBRATORY PLATES



APF (FORWARD MOVING)

Machine weight: 119–254 lb
54–115 kg
Working width: 13–19.7 in
330–500 mm
Max. vibration frequency: 6000–5400 vpm
100–90 Hz
Max. centrifugal force: 2360–4047 lbf
10.5–18 kN

APF 10/33 | APF 12/40 | APF 12/50
APF 15/40 | APF 15/50 | APF 20/50



APR (REVERSIBLE)

Machine weight: 220–970 lb
100–440 kg
Working width: 15.7–29.5 in
400–750 mm
Max. vibration frequency: 5800–3900 vpm
98–65 Hz
Max. centrifugal force: 5170–13,264 lbf
23–59 kN

APR 22/40 | APR 30/50 | APR 30/60
APR 40/60 | APR 49/20 | APR 59/20



APH (FULLY HYDROSTATIC REVERSIBLE)

Machine weight: 1023–1935 lb
464–877 kg
Working width: 21.7–37.4 in
550–950 mm
Max. vibration frequency: 4140–2880 vpm
69–48 Hz
Max. centrifugal force: 13,489–24,729 lbf
60–110 kN

APH 60/85 | APH 65/85
APH 85/95 | APH 110-95

ADD-ON COMPACTORS



APA

Machine weight: 353–2668 lb
160–1210 kg
Working width: 11.8–34.6 in
300–880 mm
Max. vibration frequency: 3600–2160 vpm
60–36 Hz
Max. centrifugal force: 4496–22,481 lbf
20–100 kN

APA 20/30 | APA 20/40
APA 55/46 | APA 55/56 | APA 55/64
APA 72/74 | APA 75/74 | APA 75/74 2M
APA 100/88 | APA 100/88 2M



PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE
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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

- Faster compaction of thicker layers in fewer passes
- ACE^{pro} / ACE^{force}
Intelligent Compaction tools for best efficiency and productivity
- Compact machine design for high stability, manoeuvrability and service access

ERGONOMICS

- Spacious cab with low sound levels for all-day operator comfort
- Intuitive machine control, even with an unskilled operator
- Perfect all-around machine visibility for safety on the jobsite

SERVICEABILITY

- Best access to service points and engine compartment
- Machine serviced from ground, enabling comfort
- Easy and fast daily maintenance

SOIL COMPACTORS

It's hard to know what the next job will bring: Clay, sand or something in between? Will it require traditional compacting methods or will you have to adjust amplitude and frequency because of sensitive surroundings? Either way you will need a roller that produces. Ammann Soil 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.

TANDEM ROLLERS

What might initially appear as comfort actually translates into jobsite productivity. For example, conveniently located, intuitive controls make the operator's job easier – and they help him be more efficient, too. Reduced vibration to the cab means less operator fatigue – and more force applied to the compaction target. The list goes on, but the story remains the same: Operator comfort is synonymous with productivity.

PNEUMATIC TYRED ROLLERS

Ammann Pneumatic Tyred Rollers provide the kneading and sealing effect that is so critical on jobsites. The tyred rollers perform on both asphalt and aggregates, which of course means the machines must be flexible. They certainly are, with air pressure adjustments made without the operator ever leaving the cab. Ballast packages easily can be added or removed to ensure the most efficient machine and process are provided.



ARS 110



ARX 26-2

SOIL COMPACTORS



ARS (SMOOTH DRUM)

Operating weight: 14,310–48,350 lb
6490–21 930 kg
Working width: 66–84 in
1680–2130 mm
Frequency: 1380–2160 vpm
23–36 Hz
Centrifugal force: 6969–84,303 lbf
31–375 kN

ARS 70 | ARS 110 | ARS 130 | ARS 150
ARS 170 | ARS 200 | ARS 220

SOIL COMPACTORS



ARS (PADFOOT DRUM)

Operating weight: 15,230–48,630 lb
6910–22 060 kg
Working width: 66–84 in
1680–2130 mm
Frequency: 1380–2160 vpm
23–35 Hz
Centrifugal force: 8542–84,303 lbf
38–375 kN

ARS 70 | ARS 110 | ARS 130 | ARS 150
ARS 170 | ARS 200 | ARS 220

PNEUMATIC ROLLERS



ART

Machine weight: 21,380–61,730 lb
9700–28 000 kg
Working width: 78–80 in
1986–2040 mm
Power according: 100–134 HP
74–100 kW

ART 240 | ART 280

LIGHT TANDEM VIBRATORY ROLLERS



ARX

Operating weight: 3219–10,340 lb
1460–4690 kg
Working width: 32–54 in
820–1380 mm
Frequency: 2460–3960 vpm
41–66 Hz
Centrifugal force: 4271–12,949 lbf
19–57.6 kN

ARX 12-2 | ARX 16-2 | ARX 16-2C
ARX 20-2 | ARX 23.1-2 | ARX 23.1-2C
ARX 23-2 | ARX 23-2C | ARX 26.1-2
ARX 26.1-2C | ARX 26-2 | ARX 26-2C
ARX 36-2 | ARX 40-2 | ARX 40-2C
ARX 45-2 | ARX 45-2C

ARTICULATED TANDEM ROLLERS



ARX

Operating weight: 21,080–22,400 lb
9560–10 180 kg
Working width: 66 in
1680 mm
Frequency: 2520–3240 vpm
42–54 Hz
Centrifugal force: 18,884–26,977 lbf
84–120 kN

ARX 90 | ARX 90C
ARX 110 | ARX 110C

RIGID FRAME TANDEM ROLLERS



ARP

Operating weight: 20,390–21,385 lb
9250–9700 kg
Working width: 66 in
1680 mm
Frequency: 2520–3120 vpm
42–52 Hz
Centrifugal force: 13,488–20,458 lbf
60–91 kN

ARP 95 | ARP 95C

PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR PRODUCT AVAILABILITY IN YOUR MARKET.

MACHINE TECHNOLOGY



Q-COMPACTION DISPLAY

INTELLIGENT GROUND COMPACTION

Precise, transparent and verifiable compaction processes increasingly are required on construction sites. Ammann took the first steps toward providing these processes in 1998 with the advent of Ammann Compaction Expert (ACE), an automated compaction measurement and control system. ACE has been continually improved since its introduction and remains the industry leader. It is the only system that automatically adjusts amplitude and frequency based on ground characteristics.

ACE technology is available for heavy and light compactors as well as light compaction equipment.

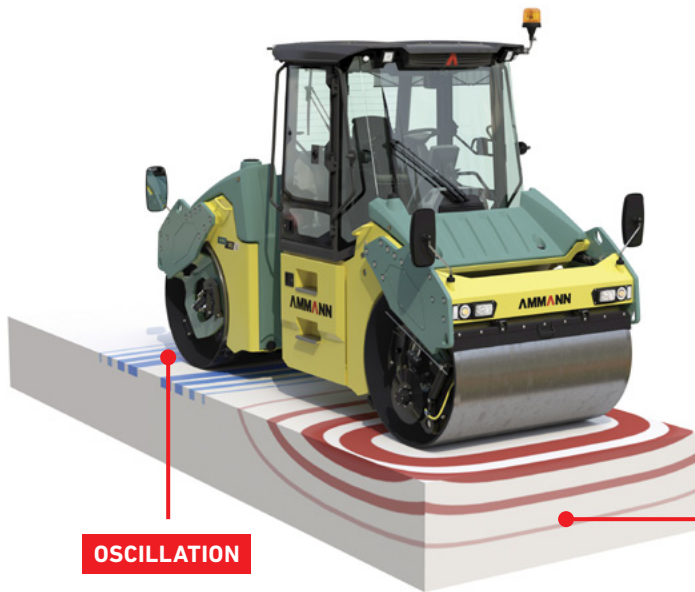


ACE FOR VIBRATORY PLATES



OSCILLATION

Oscillation is a dynamic compaction method that has significant advantages over traditional vibratory methods. It delivers both horizontal and vertical energy, essentially massaging aggregates into place without the force typically associated with heavy compactors. Rollers with oscillation excel on sensitive jobsites such as bridges or when working over sewers or utility lines. Oscillating rollers also can work on asphalt mats that are too hot or cold for traditional compaction methods. These compactors also can seal mats without damaging cold joints.



OSCILLATION

STATIC AND DYNAMIC FORCES

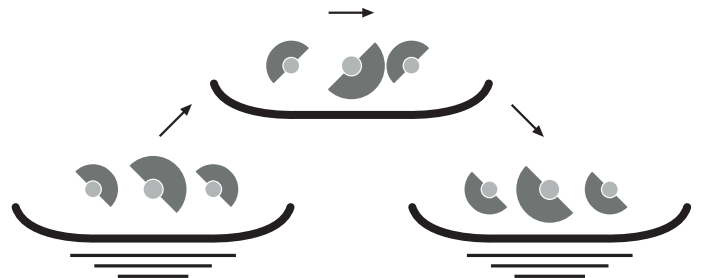
TRIPLE-SHAFT EXCITER SYSTEM



The patented Ammann triple-shaft exciter system provides industry-leading climbing ability and compaction output for light equipment such as hydrostatic plate compactors.

The system eliminates erratic movements, allowing smooth travel even through heavy, cohesive soil.

The system's consistent movement enables effortless climbing over obstacles or while compacting backfill materials with high moisture content.



APH 65/85



APH 85/95

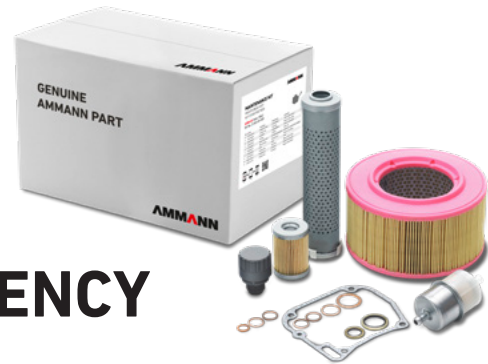


APH 110-95

AFTER SALES MACHINE

WEARING KITS

While wear is inevitable, downtime can be limited. Wearing kits make replacement of parts efficient and cost effective. All the necessary parts are in a single box to ensure replacement is fast, easy and convenient.



MAINTENANCE KITS

Preventive maintenance is crucial to efficient operation and service life of machines. The easier the maintenance, the more likely it is to be completed. Maintenance kits make the upkeep simple. Parts associated with a particular maintenance process are in a single box with a single part number.

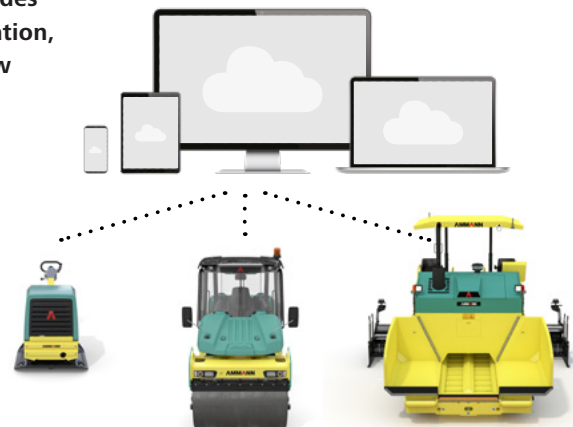
EMERGENCY KITS

Emergency kits prevent little frustrations from becoming bigger issues that can shut down a machine and even a jobsite. These kits include parts such as switches, fuses and valve coils that are simple and fast to change yet still can cause significant problems if not operating properly. The kits easily fit in the trunk or bed of a vehicle so they're on hand when needed. A crew-member with a bit of technical knowledge can handle this work on the jobsite. These repairs take 2 hours or less.

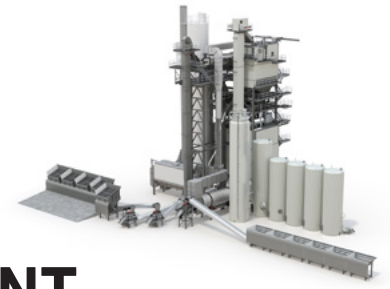


Ammann ServiceLink is a digital data management tool that provides customers with the information they want the most: machine location, battery status and hours. Data transfer is automatic thanks to new hardware, and access to the information is only a click away.

- Supplies machine location, operating hours, battery status
- Provides one-click access to data
- Reliably transmits data from machines, no matter where they are
- Streamlines fleet upgrades (retrofit option)
- Easy to install



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

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.

TRAINING FOR PLANTS

Ammann has more than 10 regional training centre locations around the world. The centres combine a traditional classroom setting with hands-on experience, including the availability of plant components for maintenance lessons.

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.

Operators from other facilities attend the training. Participants say the conversations with their peers – and learning how they overcome challenges – are additional key benefits.

Sessions are taught in many languages, ensuring the team understands key terms and lessons and makes the most of its investment.

In addition, Ammann experts can customise a curriculum and work with operators and managers at a customer's facility. The advantages include hands-on experience with the customer's equipment and the ability to involve more staff.

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