


# PRODUCT RANGE

AMMANN

# AMMANN'S GLOBAL PRESENCE

## 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.




**200+** AGENCIES & SALES PARTNERS

**20** REGIONAL SALES OFFICES & SUBSIDIARIES

**14** MANUFACTURING FACILITIES & CENTRE OF COMPETENCE

**13** WAREHOUSES

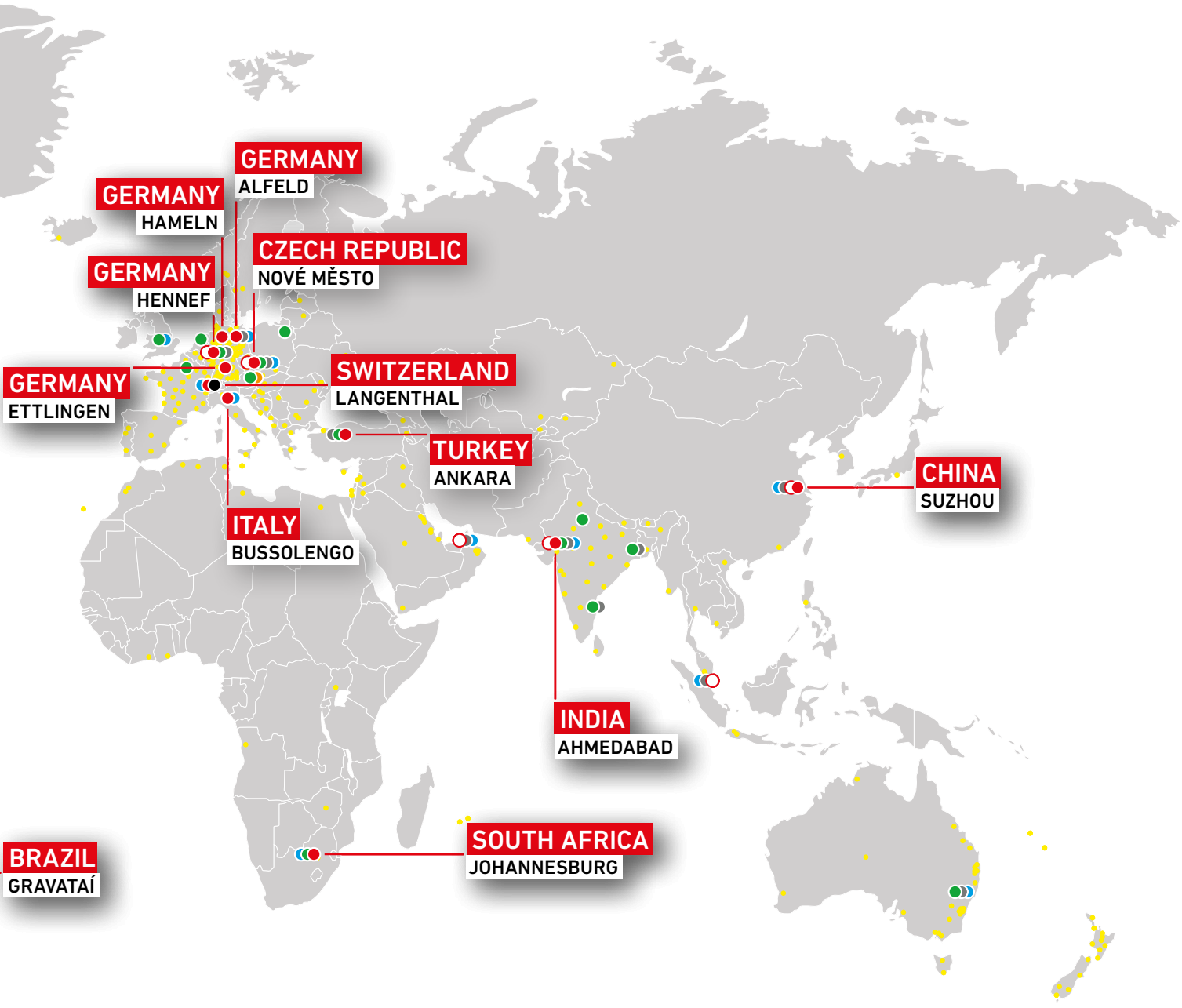
**12** TRAINING CENTRES



**PLANTS**

ASPHALT-MIXING PLANTS

CONCRETE-MIXING PLANTS






**MACHINES**

LIGHT COMPACTION

SOIL & ASPHALT COMPACTION

ASPHALT PAVERS

## GLOBAL DISTRIBUTION & SERVICE NETWORK

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

# 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.**


ABP 240 HRT
AMMANN

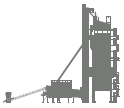
# ASPHALT-MIXING PLANTS

## BATCH PROCESS

### STATIONARY



**ABP HRT**
Capacity: 240–400 t/h
Recycling rate up to 100%



**ABP UNIVERSAL**
Capacity: 240–400 t/h
Recycling rate up to 100%



**ABA UNIBATCH**
Capacity: 140–400 t/h
Recycling rate up to 100%



**ABA UNIHRT**
Capacity: 320–440 t/h
Recycling rate up to 100%



**ABC SOLIDBATCH**
Capacity: 100–340 t/h
Recycling rate up to 50%



**ABC VALUETEC**
Capacity: 80–260 t/h
Recycling rate up to 45%



**ABC ECOTEC**
Capacity: 80–120 t/h
Recycling rate up to 25%



**ABC ECOBATCH**
Capacity: 140–320 t/h
Recycling rate up to 50%



**ABC ECOHRT**
Capacity: 180–240 t/h
Recycling rate up to 100%



**ABT SPEEDYBATCH 2.0**
Capacity: 180–340 t/h
Recycling rate up to 50%

### MOBILE



**ABM EASYBATCH**
Capacity: 90–140 t/h
Recycling rate up to 25%



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

## CONTINUOUS PROCESS

### STATIONARY



**ACP CONTIMIX 2.0**
Capacity: 140–300 t/h
Recycling rate up to 100%



**ACP CONTIHRT**
Capacity: 300–400 t/h
Recycling rate up to 60%



**ACC ALPINE**
Capacity: 300–600 t/h
Recycling rate up to 60%



**ACT CONTIQUICK**
Capacity: 140 t/h
Recycling rate up to 20%



**ACC COUNTERMIX**
Capacity: 90–120 t/h
Recycling rate up to 30%



**SCC COLDMIX**
Capacity: 400 t/h
Recycling rate up to 100%



**MECHTEK**
Capacity: 200–600 t/h
Recycling rate up to 100%




### MOBILE



**ACM PRIME 2.0**
Capacity: 100–210 t/h
Recycling rate up to 40%

## COMPLEMENTARY PRODUCTS



**MODITEK (BITUMEN SYSTEM)**
Capacity: up to 20 t/h



**EMULTEK 4 / 15 (BITUMEN SYSTEM)**
Capacity: up to 15 t/h



**HEATTEK (BITUMEN SYSTEM)**
Capacity: up to 2 000 000 kcal/h



**DRUMTEK (BITUMEN SYSTEM)**
Capacity: up to 10 t/h



**BITUMEN TANKS**
Mobile, containerized, stationary




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

# CONCRETE-MIXING PLANTS

**AMMANN HAS PROVIDED RELIABLE AND ECONOMICAL SOLUTIONS FOR THE PRODUCTION OF HIGH-QUALITY CONCRETE FOR MORE THAN 70 YEARS. AT THE CORE ARE COMPULSORY MIXERS AND COMPLETE MIXING PLANTS, BOTH MOBILE AND STATIONARY. COMPLEMENTING THE PRODUCT LINE ARE PLANETARY COUNTER-CURRENT MIXERS, MODULES FOR THE PRECAST PARTS INDUSTRY AND LINEAR STORAGE BINS.**

---

The design and quality of components and materials separate Ammann. 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 precast component and high-performance plants.
- All plant types also integrate modular designs that provide flexibility so they can be customised to fit each customer's needs – now or in the future.

**AMMANN CBS PLANTS ARE STATIONARY AND PROVIDE ACCESS TO THE MANY OPTIONS MADE POSSIBLE BY THE WELL-CONCEIVED MODULAR DESIGN.**

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

## CONCRETE MIXERS

Ammann 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.

## PRECAST CONCRETE-MIXING PLANTS

Ammann precast plants meet varied customer needs, including hollow core slaps, carousel plants, pre-stressed products, paving stones and stairs.

- All precast plants utilise Ammann premium mixing systems.

## LINEAR STORAGE BINS

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

- Various model ranges are available with volumes of 9 $m^3$ to 450 $m^3$ per chamber.
- Linear chamber separation allows up to 12 different aggregate types to be stored and discharged.

## RADIAL SCRAPER

The automatic scrapers of the Ammann Elba CES series bring the ultimate efficiency to your operation through automation.

- An operating module allows easy programming and controlling of the scraping process. Semi-automatic manual operation of the scraping, retracting and slewing motions is also possible. Ammann Elba offers three output variants with different boom lengths


CBT 60 ELBA



CBS 120 ELBA

## STATIONARY



**CBS ELBA**
Max. concrete output: 107–190 m³/h
Mixer volume: 2000–4500 l



**CBP POWERMIX**
Max. concrete output: 105–220 m³/h
Mixer volume: 2500–4000 l

## TRANSPORT-OPTIMISED



**CBT ELBA**
Max. concrete output: 60–128 m³/h
Mixer volume: 1000–3500 l



**CC ELBA**
Max. concrete output: 30–128 m³/h
Mixer volume: 500–3500 l

## CONCRETE FILLING STATION



**CFS ELBA**
Max. concrete output: 30–60 m³/h
Mixer volume: 500–1000 l

## MODULES



**CMP ELBA**
Max. concrete output: 250–4000 l
Dry volume: 375–6000 l

## STORAGE BINS



**CEL ELBA**
Chamber size: 9–52 m³

**CEL ELBA HIGH BUNKER**
Chamber size: 180–450 m³

## RADIAL SCRAPER



**CES ELBA**
Max. theoretical output: 57–125 m³/h
Boom length: 12–22.5 m

## MIXERS



**CEM ELBA LABORATORY COMPULSORY MIXER**
Compacted fresh concrete: 60 l
Dry volume: 90 l



**CEM ELBA SINGLE-SHAFT COMPULSORY MIXER**
Compacted fresh concrete: 500–2500 l
Dry volume: 750–3750 l



**CEM ELBA TWIN-SHAFT COMPULSORY MIXER**
Compacted fresh concrete: 2000–4500 l
Dry volume: 3000–6750 l

**CEM ELBA TWIN-SHAFT PADDLE MIXER**
Compacted fresh concrete: 1500–4000 l
Dry volume: 2600–7450 l



**CEM ELBA PLANETARY COUNTER-CURRENT MIXER**
Compacted fresh concrete: 250–4000 l
Dry volume: 375–6000 l

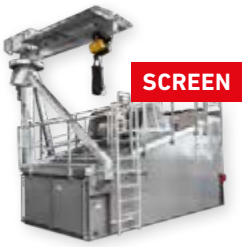
*PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR PRODUCT AVAILABILITY IN YOUR MARKET.*

# 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. Concrete plants also utilise the as1 Control System and benefit from the value it brings.



# WARM-MIX ASPHALT WITH AMMANN FOAM® TECHNOLOGY

Warm-mix asphalt is about much more than a 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 50 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.

# 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.

SUSTAINABILITY
@AMMANN







# AMMANN'S GREEN PLANT INITIATIVE

**1 WARM-MIX ASPHALT WITH AMMANN FOAM TECHNOLOGY**

**2 HEATING PROCESS**
- Highly efficient heat transfer
- No parasite air
- Optimised regulation burner / drum

**3 BURNER**
- Various fuels available
- Ideal combustion process
- Optimised energy consumption

**4 USE OF RAP MATERIAL**
- Full range of technical solutions
- Additions of RAP up to 100%
- Industry-leading partner in the use of RAP

**5 BST – BLUE SMOKE TREATMENT**
- Captures vapours during loading
- Filters trapped fumes
- Removes oil particles

**6 EMISSIONS**
- Lowest VOC (TA-Luft)
- Complete dust suppression
- Odour management solutions
- Noise reduction kits

**7 AVOIDING HEAT LOSS**
- High insulation up to 200 mm
- No thermal bridges
- Flaps to close the storage silos
- Reduction of wasted material

**8 AS1 CONTROL SYSTEM**
- Wide range of modules for software upgrading
- Expert use of inverter
- New professional and ergonomic user interface: ARGON VIEW
- Energy management of photovoltaic systems
- Automatic burner control ADX

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

PMP-2914-01-EN | © Ammann Group

AMMANN

# 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, diesel or electric drive 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.

## 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.

## VIBRATORY PLATES

Ammann Vibratory Plate Compactors are ready for any situation. The product line ranges from a light 55 kg to a much heavier 825 kg – with many models in between.

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

## WALK-BEHIND ROLLERS

Ammann Walk-Behind Rollers combine two applications in a single machine. The operator chooses whether to utilise a high-amplitude setting for work on gravel/soil or a low-amplitude setting for asphalt and bituminous materials.

## 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 are able to overcome the high moisture content in clays through their extreme compaction energy and the kneading effect of their padfoot drums.

DON'T COMPROMISE ON POWER OR PRODUCTIVITY
- CHOOSE ELECTRIC TODAY!

AMMANN




# ELECTRIFY YOUR WORKSITE WITH FULL POWER!

**INTRODUCING THE REVOLUTIONARY ELECTRIC RANGE:**

- ***e*ATR Rammer**: Unleash the force of compaction, rivaling its petrol counterpart!
- ***e*APF Vibratory Plate**: Power-packed performance, matching the output of traditional petrol machines!
- ***e*ARX Light Tandem Roller**: Go big and green! Fully electric, 8+ hours of non-stop operation without recharging!

Get the job done efficiently and eco-friendly with your electric trio!

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

MMP-2922-00-EN | © Ammann Group







## RAMMERS



**ATR**
Machine weight: 28–70 kg
Foot width: 80–280 mm
Centrifugal force: 2–22 kN

ATR 30 | ATR 59 | ATR 66 | *e*ATR 68

## TRENCH ROLLERS



**ARR**
Machine weight: 1260–1605 kg
Working width: 600–860 mm
Frequency: 33–40 Hz
Max. centrifugal force: 34–75 kN

ARR 1575-2 | ARR 1585-2

## WALK-BEHIND ROLLERS



**ARW**
Machine weight: 687–822 kg
Working width: 650 mm
Max. vibration frequency: 65 Hz
Max. centrifugal force: 14/23 kN

ARW 65 | ARW 65-S

## VIBRATORY PLATES



**APF (FORWARD MOVING)**
Machine weight: 55–106 kg
Working width: 330–500 mm
Max. vibration frequency: 90–100 Hz
Max. centrifugal force: 10.5–20 kN

APF 10/33 | APF 12/40 | APF 12/50
APF 12/40-2 | APF 12/50-2
*e*APF 12/40 | *e*APF 12/50
APF 15/40 | APF 15/50
*e*APF 15/40 | *e*APF 15/50 | APF 20/50



**APR (REVERSIBLE)**
Machine weight: 100–457 kg
Working width: 400–750 mm
Max. vibration frequency: 65–100 Hz
Max. centrifugal force: 20–58 kN

*e*APR 20/40 | APR 22/40
APR 25/40 | APR 25/50
APR 30/50 | APR 30/60
APR 40/60 | APR 52/75 | APR 58/75



**APH (FULLY HYDROSTATIC REVERSIBLE)**
Machine weight: 350–825 kg
Working width: 450–950 mm
Max. vibration frequency: 48–70 Hz
Max. centrifugal force: 50–110 kN

APH 50/75 | APH 55/75
APH 60/85 | APH 65/85 | *e*APH 70/95
APH 85/95 | APH 110-95

## ADD-ON COMPACTORS



**APA**
Machine weight: 160–1204 kg
Working width: 300–1100 mm
Max. vibration frequency: 36–60 Hz
Max. centrifugal force: 20–110 kN

APA 20/30 | APA 20/40
APA 55/46 | APA 55/56 | APA 55/64
APA 90/110 | APA 110/110



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

# 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

## SINGLE DRUM ROLLERS

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 Single Drum Rollers 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.







## SINGLE DRUM ROLLERS



**ASC & ARS (SMOOTH DRUM)**
Operating weight: 3480–21 930 kg
Working width: 1200–2130 mm
Frequency: 27–41 Hz
Centrifugal force: 37–375 kN

ARS 30 | ARS 50 | ARS 70
ARS 110 | ARS 110.1 | ARS 110.2
ARS 130 | ARS 130.1
ARS 150 | ARS 150.1
ARS 170 | ARS 170.1
ARS 200 | ARS 220

## SINGLE DRUM ROLLERS



**ASC & ARS (PADFOOT DRUM)**
Operating weight: 3490–22 060 kg
Working width: 1200–2130 mm
Frequency: 27–41 Hz
Centrifugal force: 130–375 kN

ARS 30 | ARS 50 | ARS 70
ARS 110 | ARS 130
ARS 150 | ARS 170
ARS 200 | ARS 220

## PNEUMATIC ROLLERS



**AP & ART**
Machine weight: 9590–24 000 kg
Working width: 1986 mm

AP 240 | ART 240

## LIGHT TANDEM VIBRATORY ROLLERS



**ARX**
Operating weight: 1300–4395 kg
Working width: 820–1380 mm
Frequency: 41–76 Hz
Centrifugal force: 16.4–57.6 kN

ARX 10.1 | ARX 12-2
ARX 16-2 | ARX 16-2 C
ARX 20-2 | ARX 23.1-2 | ARX 23.1-2 C
ARX 23-2 | ARX 23-2 C | ARX 26.1-2
ARX 26.1-2 C | ARX 26-2 | ARX 26-2 C
eARX 26-2 | ARX 32.2 | ARX 36-2 | ARX 40-2
ARX 40-2 C | ARX 45-2 | ARX 45-2 C

## ARTICULATED TANDEM ROLLERS



**AVX & ARX**
Operating weight: 9040–15 600 kg
Working width: 1680–2130 mm
Frequency: 37–54 Hz
Centrifugal force: 47–136 kN

ARX 90-2 | ARX 90-2C | ARX 90.2
ARX 110-2 | ARX 110-2 C
ARX 140 | ARX 160

## RIGID FRAME TANDEM ROLLERS



**ARP**
Operating weight: 7375–9930 kg
Working width: 1500–1680 mm
Frequency: 42–55 Hz
Centrifugal force: 60–92 kN

ARP 75 | ARP 75 C | ARP 95 | ARP 95 C

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

# ASPHALT PAVERS & SCREEDS

**THE FULL LINE OF ABG PAVERS OFFERS A MATCH FOR VIRTUALLY ANY PAVING APPLICATION. THAT INCLUDES NARROW STREETS THAT REQUIRE SMALL, MANOEUVRABLE MACHINES AND BIG INFRASTRUCTURE PROJECTS THAT DEMAND HIGH PRODUCTIVITY – AND SUPERIOR QUALITY.**

Ask operators about ABG Pavers and they'll say the machines are quieter and the mats they produce are smoother.

That's not all. Electronic Paver Management, known as EPM3, is renowned for its operator-friendly controls. It has features that make a real difference – including an intuitive display that guides operators through individual functions. It is especially helpful when working at night. Adjustments can be made quickly, too.

All ABG Pavers are recognised for their advanced technology, ease of operation, reliability and quality. They are designed to minimise fuel consumption and reduce emissions, too.

## FAST STARTS

The e+ screed heating system does not require a running engine to generate electric power. Instead, the paver can be charged directly from the grid – usually from a power pack brought to the jobsite. That means the screed can be heated during mandated quiet times. The crew can begin paving the minute work is allowed, adding at least 30 minutes of production per shift

## LOW CARBON FOOTPRINT

The e+ screed heating system also lowers $CO_2$ emissions, helping meet Ammann's goal of making roadbuilding greener every day.

## ABG SCREEDS – FOR HIGH PERFORMING PAVING

Take your paver's performance to the next level with ABG screeds, built on our industry-leading road machinery experience and advanced technology. Proven across a host of paving jobs all over the world, our range of vibratory screeds with single or dual tamper bar solution combine efficiency and cost-effectiveness for you to achieve the finest mat finish.

## TRACKED OR WHEELED?

You have your choice with Ammann ABG Pavers. Both types are engineered to provide the smoothness demanded on the jobsite.

Tracked pavers start smoothly thanks to the exclusive automatic track tensioning system. A long undercarriage provides balance and traction, while durable scrapers ensure a supreme finish.

Wheeled pavers utilise self-leveling systems, unique to the market, which prevent bumps and uneven surfaces. Load-dependent torque control systems prevent spinning.

## FIXED SCREEDS

Strong in large paving widths – up to 13m – ABG fixed screeds are best suited for big projects.

## VARIOMATIC SCREEDS

If versatility on the job is required, the flexible Variomatic screeds are easily extended to double their basic width – with further extensions up to 10m.









## MINI CLASS PAVER



**ABG WHEELED PAVER**
Weight: 1 260 kg
Engine power: 7.6 kW
Basic working width: 0.8–1.3 m
Max. paving width: 1.65 m

ABG 1570

## ABG CITY CLASS PAVER



**ABG TRACKED & WHEELED PAVERS**
Weight: 7 635–8 155 kg
Engine power: 55.4 kW
Basic working width: 1.5–3 m
Max. paving width: 4.5 m

ABG 2820 | ABG 2870

## ABG MULTI CLASS PAVER



**ABG TRACKED & WHEELED PAVERS**
Weight: 15 890–17 362 kg
Engine power: 105–140 kW
Basic working width: 2.5–5 m
Max. paving width: 10 m

eABG 4820 | ABG 4820
ABG 5420 | ABG 6720L
ABG 6820 | ABG 6820L | ABG 7320
ABG 4470 | ABG 6870

## ABG HIGHWAY CLASS PAVER



**ABG TRACKED PAVERS**
Weight: 17 142–19 592 kg
Engine power: 170–200 kW
Basic working width: 2.5–5 m
Max. paving width: 13 m

ABG 7820 | ABG 7820L | ABG 7920
ABG 8820 | ABG 8820L

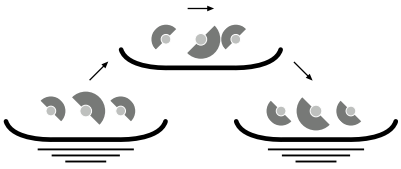


*PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR PRODUCT AVAILABILITY IN YOUR MARKET.*

# MACHINE TECHNOLOGY

## TRIPLE-SHAFT EXCITER SYSTEM

The unique 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 55/75
APH 65/85
APH 85/95
APH 110-95

## 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.

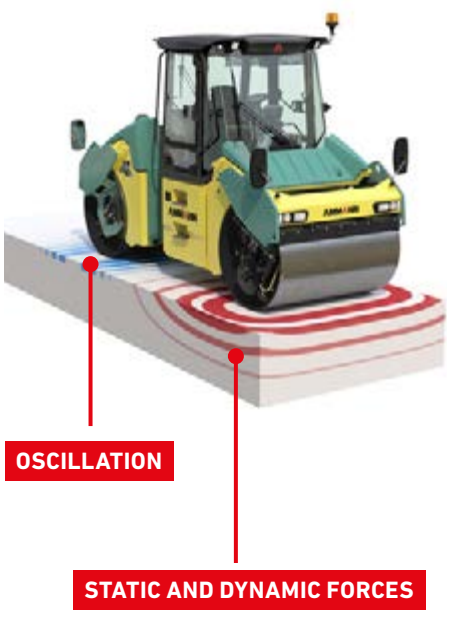





OSCILLATION

## 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.

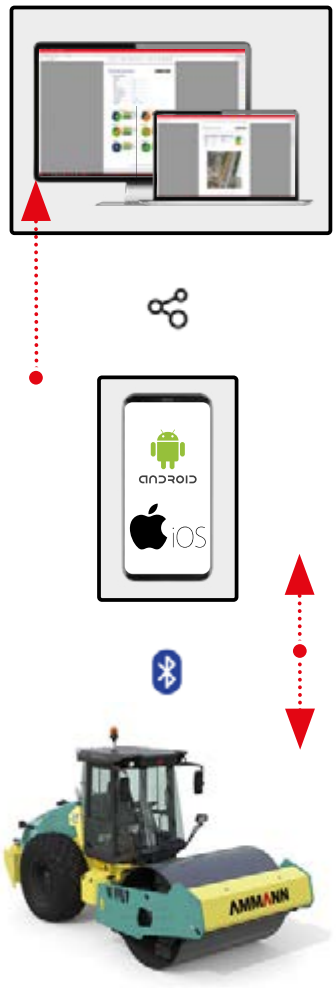



## WHAT IS ADS?

Ammann Documentation System

ADS enables documentation of jobsite compaction results measured by ACE$^{force}$ or ACE$^{pro}$ systems. It is installed on Ammann heavy compactors and utilises GPS positioning for precise location.

- Precise jobsite documentation
- Easy quality control
- Increased efficiency (time and fuel economy, reduce re-work costs, extend life, $CO_2$ reduction)
- No risk of damaged, stolen or lost Android/iOS device during recording




## ELECTRONIC PAVER MANAGEMENT (EPM3)

Take control of your operation with ABG's Electronic Paver Management (EPM3) system. All control buttons for all functions are consolidated within one system and arranged in a bird's-eye view layout to guide the operator intuitively through individual working functions. Using the jog wheel, quickly select and adjust functions for greater machine control, ease of use and optimum efficiency.



# 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.

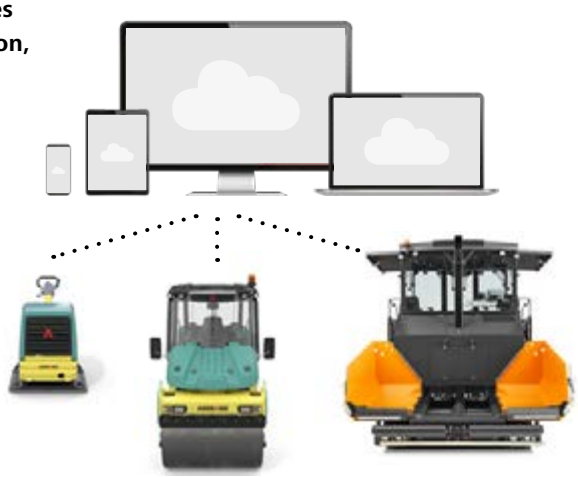
## EMERGENCY KITS

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
- Compatible with all machines produced by Ammann or other manufacturers
- 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.



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

GPB-3217-03-EN | 203 | © Ammann Group