

SINGLE DRUM ROLLERS

ARS



DESIGNED TO MANOEUVRE
THE START OF THE SOIL COMPACTORS' SUCCESS

AMMANN

ARS PORTFOLIO

When manoeuvrability matters

Ammann ARS Soil Compactors have utilised the innovative no-rear-axle concept for years. It's a tried and tested design that maximises balance and visibility – and it's still essential to the latest line of soil compactors. A reconfigured machine frame makes the most recent ARS models even more compact and better climbers, too. Add in other new features, such as the ECOdrop system and its reduced fuel and fluids requirements, and your crew will be ready to roll.

ARS PORTFOLIO

TYPE	WEIGHT	DRUM WIDTH	ENGINE
ARS 70	6 545 kg (14 429 lb)	1680 mm (66,1 in)	StV T4f
ARS 70 PD	6 965 kg (15 335 lb)	1680 mm (66,1 in)	StV T4f
ARS 110	10 680 kg (23 545 lb)	2130 mm (83,9 in)	StV T4f
ARS 110 PD	11 305 kg (24 923 lb)	2130 mm (83,9 in)	StV T4f
ARS 130	12 440 kg (27 426 lb)	2130 mm (83,9 in)	StV T4f
ARS 130 PD	13 065 kg (28 803 lb)	2130 mm (83,9 in)	StV T4f
ARS 150	14 800 kg (32 628 lb)	2130 mm (83,9 in)	StV T4f
ARS 150 PD	15 120 kg (33 334 lb)	2130 mm (83,9 in)	StV T4f
ARS 170	16 440 kg (36 244 lb)	2130 mm (83,9 in)	StV T4f
ARS 170 PD	16 655 kg (36 718 lb)	2130 mm (83,9 in)	StV T4f
ARS 200	19 900 kg (43 872 lb)	2130 mm (83,9 in)	StV T4f
ARS 200 PD	20 030 kg (44 159 lb)	2130 mm (83,9 in)	StV T4f
ARS 220	22 090 kg (48 700 lb)	2130 mm (83,9 in)	StV T4f
ARS 220 PD	22 220 kg (48 987 lb)	2130 mm (83,9 in)	StV T4f

APPLICATIONS

ARS 70

- Medium construction sites
- Municipal and town roads
- Pipeline construction
- Social and industrial development areas
- Housing developments
- Backfill work

ARS 110–170

- Medium and large compaction sites
- Transport construction
- Municipal and town roads
- Rock fill dams
- Industrial zones
- City centers

ARS 200–220

- Large compaction sites
- Airports runways
- Rock fill dams
- Harbours
- Dumpsite construction
- Railway lines

SOLID POWER DNA+

All models are uniquely designed following Ammann's Solid Power DNA+ guidelines.



PRODUCTIVITY

Ammann pavers and compactors are engineered for top performance, helping operators work quickly and efficiently while maintaining quality. Their precision reduces labor, fuel and rework costs – boosting profitability.



ERGONOMICS

Designed with the operator in mind, these machines offer maximum visibility and intuitive controls. The smart machine design promotes both efficiency and safety on the jobsite.



SERVICEABILITY

Ammann prioritizes easy maintenance. Durable components, accessible service points and long service intervals simplify upkeep, maximize uptime and lower costs.



SUSTAINABILITY

High productivity, operator support and easy maintenance help reduce environmental impact. Ammann machines also feature smart technologies and alternative power options, making jobsites cleaner, smarter and more efficient.

ARS HOTSPOTS

Advanced technologies

Smart digitalization tools help manage the machine's life cycle and utilization. The machine is **connectivity-ready** and can access tools for precision and performance.

Operator station

Intuitive machine control supports **ease of operation**. **Advanced features** ensure even newcomers are productive, high performers.



Reduced maintenance

Tool-free daily inspections and **safe, accessible maintenance points** improve machine readiness and extend life.

ECOdrops

ECOdrops reduces fuel consumption, thereby shrinking the **carbon footprint** and lowering ownership costs. Other sustainable, cost-saving measures include **extended service intervals**, long-lasting wear parts and optimal access to all maintenance points.

Variable compaction output

Performance control enables fast, precise compaction that helps crews meet goals in the fewest passes possible.

Varied drum options offer further performance, precision and productivity.

Platform and cab

The **spacious operating environment** provides comfort that enhances **productivity and safety**. The operator is able to fully focus on compaction, thereby reaching goals more quickly.



Low downtime

The **heavy-duty design** of the frame and components extends machine life. **Service-friendly** features further reduce ownership costs.

No rear axle

The **compact design** provides a low centre of gravity that delivers **versatility** by enabling traction, stability, manoeuvrability – and, ultimately, jobsite safety.



PRODUCTIVITY

Compact design

Eliminating the rear axle results in a more compact machine, with the engine positioned lower. This improves the machine's center of gravity, enhancing stability even on slopes. The oscillating articulation joint connects the two frames, reducing the machine's length and ensuring continuous ground contact.

Versatility

Faster, more powerful compaction performance. Advanced traction control systems ensure excellent grip in all conditions, delivering outstanding climbing capability. High compaction output is achieved through a robust two-stage vibratory system.

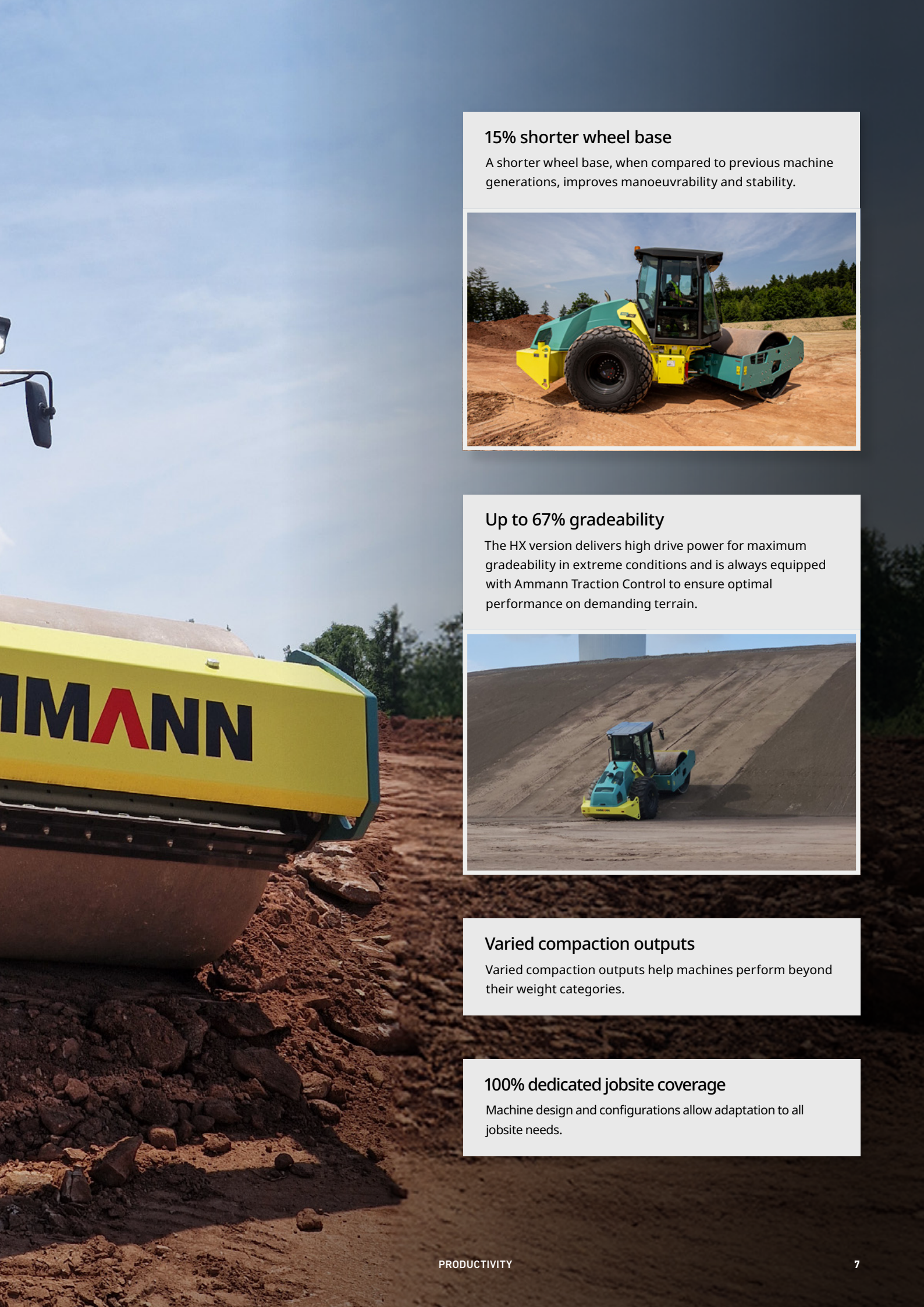
Performance control

The vibratory system enables variable frequency adjustment, significantly enhancing compaction performance and helping achieve target density in the fewest passes. This boosts productivity while reducing environmental impact. The advanced technology delivers precise control across all applications, preventing damage to sensitive materials and making the machine suitable for a wide range of materials and layer thicknesses.

Varied drum options

Customers can choose from a variety of drum designs and configurations, including smooth drums, padfoot drums and shell kits. The Ammann Compaction Expert (ACE) measurement system is also available as an option.





15% shorter wheel base

A shorter wheel base, when compared to previous machine generations, improves manoeuvrability and stability.



Up to 67% gradeability

The HX version delivers high drive power for maximum gradeability in extreme conditions and is always equipped with Ammann Traction Control to ensure optimal performance on demanding terrain.



Varied compaction outputs

Varied compaction outputs help machines perform beyond their weight categories.

100% dedicated jobsite coverage

Machine design and configurations allow adaptation to all jobsite needs.



ERGONOMICS

Productivity and safety

The ROPS/FOPS platform provides unobstructed, all-around visibility, giving the operator a clear view of the entire machine for maximum productivity and optimal safety.

Spacious environment

The operator station is easily accessible and insulated from noise and vibration. A spacious platform and adjustable seat keep operators of all sizes comfortable.

Ease of Operation

Machine control is intuitive and safe, with switches that are logically positioned, easily accessible and highly visible. The unified control layout across the portfolio - including the display, switches and joystick - ensures effortless and efficient operation.

Advanced features

The multi-function display is positioned directly in front of the operator for easy monitoring. An electronic drive lever, with integrated safety and operating functions, simplifies control. Embedded self-diagnostics provide additional operational insights.





360° all-around view

There are unobstructed views to the machine's surroundings.

8% lower noise level

The machine design and insulation reduce noise levels.

5 minutes training explains all

New operators can quickly learn how to run the machine.



100% machine under control

Intuitive, multi-functional dashboard display of machine status and settings enables at-a-glance operation.



SERVICEABILITY

Heavy-duty design

Anti-parallel rubber mounts last for the life of the machine. A steel cover protects core components. The heavy-duty hood prevents damage to the engine – even in the toughest conditions.

Service friendliness

Easy access to all major components simplifies servicing. Draining points for operating fluids are conveniently located for smooth and fast exchanges.

Tool-free daily inspection

Daily machine inspection points are easily accessible without the need for tools. Ground-level access to all maintenance points significantly reduces the preparation time required before each shift.

Safe maintenance

Unobstructed access to all maintenance points significantly reduces downtime and eliminates the need for climbing or overreaching.



30% cost reduction

Machine components continue to perform with minimal maintenance, reducing the cost of labor and replacement parts.



50 hours saved during annual service

Easy service access minimises machine downtime.

4 minutes to "be ready"

Convenient access to maintenance points keeps crews safe during machine preparation.



100% safety

Service points can be accessed from the ground; there is no need to climb and reach.



SUSTAINABILITY

Carbon footprint

The latest engine technology, along with synthetic fuels, reduces emissions and fuel consumption. Advanced features, such as RPM load control and automatic engine idling, further enhance fuel efficiency.

Extended service intervals

Extended service intervals for operating fluids and components lower ownership costs and keep the machine in the field longer, reducing time spent in the workshop.

Smart digitalization

Optional systems are available to provide operators with guidance and accurate jobsite documentation, enabling more effective machine use. This data helps optimise jobsite progress, improve efficiency and reduce environmental impact.

Connectivity

The machines are telematics-ready, allowing remote access to detailed status information at any time. This maximises machine utilisation and improves fleet management by collecting, sharing, and analyzing relevant data, which is transmitted directly from the field in real time.





90% CO₂ reduction

Emissions are dramatically reduced thanks to new engine technologies and alternative fuels.

60% reduction of operation fluids

Ownership costs are lowered by reducing the volume, and streamlining the type, of fluids required.



100% cycle control

The life cycle of the machine is digitally monitored and tracked.



Unlimited planning

Fleet managers have accurate machine information to extend life and maximise utilisation.

ACE

Ammann Compaction Expert — Intelligent Ground Compaction

Precise, transparent and verifiable compaction processes increasingly are required on jobsites. Ammann took the first steps toward providing these solutions 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.

System — ACE^{force}

The advanced ACE^{force} system is fully integrated into the main machine display, reducing the number of screens the operator needs to monitor. With simplified controls and an intuitive interface, it offers easy-to-read compaction guidance via a colored progress bar on the multifunctional display. The system also detects the double jump effect and immediately alerts the operator with clear messages and audible warnings to prevent machine damage.

- Continuously measures compaction and evaluates real material stiffness in absolute values (MN/m)
- Makes operation easy for all skills levels with intuitive controls and multifunctional display
- Enables simple adjustment of targets and settings
- Communicates optimal machine speed to operators
- Indicates drum jumping and therefore minimizes the risk of over-compaction or material destruction
- Shows compaction progress through operator guiding function
- Optional Ammann Documentation System (ADS) for documentation and further data analysis
- Optional GPS Systems with 24/7 remote view
- Compatible with all major manufacturers' GPS products to provide mapping and operator guidance

System — ACE^{pro}

ACE^{pro} is an automated measurement and control system for soil compactors that includes all key functionalities of ACE^{force}, while offering additional benefits. Compacted material is continuously measured, resulting in automatic stepless adjustment of the core parameters of amplitude and frequency.

- Measures compaction and automatically adjusts frequency and amplitude



ADS

Ammann documentation system

The Ammann Documentation System (ADS) combines GPS data with compaction results from ACE^{force} or ACE^{pro}. The result is detailed document for precise locations. Data can be recorded directly on the machine or via the ADS app on a mobile device.

- Records machine passes and compaction progress with GPS positioning
- Provides efficiencies that conserve time and fuel, reduce costs of re-work, extend machine life, and lessen CO₂
- Records data via machine control display (no need for external Android/iOS device)
- Enables downloading of statistics from machine by Android or iOS device and transferable via PDF or CSV reports (machine connection via low-energy Bluetooth)

ADS RTK (Real-Time Kinematic)

The advanced Ammann Documentation System (ADS) with Real-Time Kinematics (RTK) records compaction results from ACE^{force} or ACE^{pro} systems, using precise GPS tracking to ensure accurate jobsite localization. While the system's core functionality remains the same, GPS accuracy is enhanced via a radio-modem base station for even greater precision. All logged data is stored directly on the machine or through the ADS app on a mobile device, providing accurate insights that optimize compaction performance.

- XY accuracy up to 1 cm (mandatory for CCC Documentation regulation CEN/TS 17006)
- Multiple machines connected to a single RTK/GNSS
- RTK range of min. 3.000 meters (9,842 ft.)



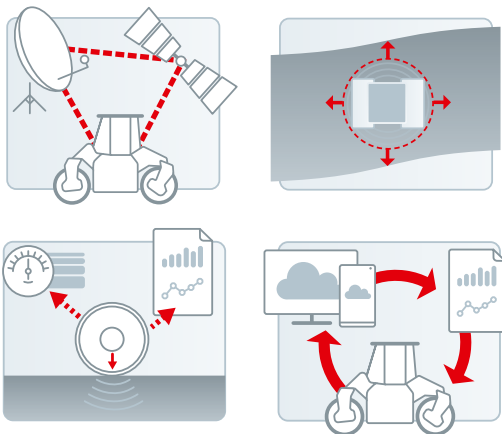
Q MACHINES

Adding navigation to ACE greatly improves processes – and profitability.

Ammann Compactors equipped with ACE^{force} system are compatible with third-party solutions for GPS-based compaction monitoring systems, such as Q-Compaction (from supplier Q-Point).

Provides an efficient analysis and documentation system for Continuous Compaction Control (CCC)

- Satellite navigation system accurately assigns the measured compaction values to the position coordinates and the time
- Graphic display of measurement data relays the on-site compaction work and enables a fast and reliable performance analysis
- Combines ACE measurement and control with a navigation system
- Enables live machine-to-machine communication on the jobsite
- Operated and controlled with touch screen
- Integrates quality control measures in the compaction process
- Other compaction parameters can be measured and documented including kB value stiffness (ground bearing capacity), trend of kB values, temperature, vibration status, roller speed, effective amplitude and frequency, pass count, exact geographical position, date and time of passes



SERVICELINK

Delivering the data that matters

Ammann ServiceLink is a digital data management tool that provides customers with the information they want the most.

ServiceLink Plus

Advanced solution designed to manage precise machine positioning while delivering comprehensive machine health monitoring and troubleshooting capabilities. This all-in-one solution helps you maximize equipment uptime, quickly identify issues, and optimize performance for smarter, more efficient jobsite operations.

- Provides live machine location
- Updates working hours in real time
- Tracks battery voltage and TCU
- Can be accessed via online portal or mobile app
- Shows fuel level
- Monitors exhaust fluid level (DEF)
- Displays both fault and diagnostic codes

ServiceLink Pro

This full CAN-based data tool provides a comprehensive machine overview. Crews can maximize projects through efficient utilization, proactive maintenance, and smart service planning. Both productivity and equipment longevity benefit.

- Tracks fuel consumption, ash and soot load (EAT) and operating fluids status
- Provides vibratory status
- Enables geo leashing and reporting
- SW Versions and many more...



THE RIGHT PLACE AT THE RIGHT TIME

Compactors offer easy
access to all service points

Productivity comes in many ways. Ammann compactors
have features that make it easy for your crew to complete
maintenance quickly and get back to work on the jobsite.



▀▀ Varied weights and
sizes ensure there is a
proper match for every
contractor's needs. ▀▀



OPTIONS

The tools you need to succeed

Color Scheme Customer

The machine can be customized to match the customer's color scheme, enhancing brand visibility and ensuring seamless integration with the existing fleet. For functional and safety consistency, the ROPS, hard canopy, operator's platform, and inner drum remain gray.



HX Drive System

For applications where climbing performance is critical to daily operation, we offer an upgraded HX drive system. This version significantly increases drive power, enabling the machine to achieve maximum gradeability even under extreme conditions. The HX configuration always requires Ammann Traction Control, ensuring optimal performance on demanding terrain.

Ammann Documentation System ADS | ADS RTK

In combination with the ACE^{force} or ACE^{pro} systems, comprehensive compaction documentation is achieved by automatically recording every roller pass. Key performance data – including material stiffness (kB value), temperature, roller speed, effective amplitude, and vibration frequency – are captured in real time. Date, time, and precise position data (with accuracy of up to 50 cm) are continuously logged, ensuring full transparency and reliable quality control throughout the compaction process.

For even higher documentation accuracy, the system can be equipped with an RTK (Real-Time Kinematic) station, improving positioning precision to up to 1 cm. All data can be exported as customized PDF reports or CSV files, enabling efficient documentation, compliance, and detailed office analysis.



Rear View Camera

Increase jobsite safety with an optional rear-view camera that gives operators a clear view behind the machine. Enhanced visibility improves awareness in busy environments, allowing quicker reactions and helping reduce the risk of accidents and injuries.



Padfoot Shell Kit, Incl. Scrapers

To maximize machine versatility and productivity across different material types, our machines can be equipped with interchangeable drum shell kits. Machines originally equipped with a smooth drum can be converted using the Padfoot Shell Kit. These conversion kits provide exceptional flexibility, particularly in rental applications. Each kit also includes the required scrapers.

Green LED Warning Beacon

A green LED beacon activates when the operator fastens the seat belt, improving jobsite safety and allowing better oversight by safety personnel.



“Let Ammann build the perfect roller for you!”

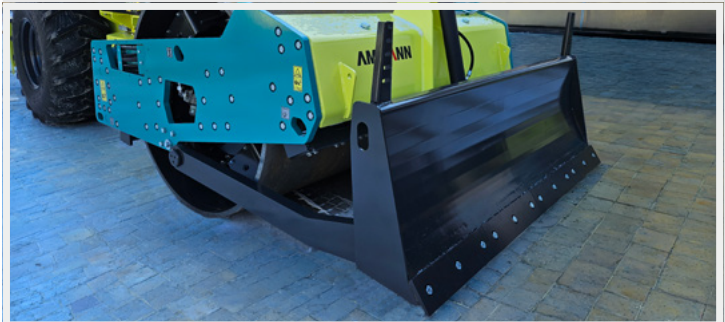


Road Lights Incl. Turn Signals

Two additional LED road lights with integrated turn signals are mounted in the (front/rear) machine frame. They improve performance in low-light conditions and significantly enhance jobsite safety. The LED turn signals provide high visibility and increased safety on the jobsite.

Dozer Blade Incl. Transport Lock

The dozer blade enables efficient material handling directly on the jobsite, reducing the need for additional equipment. It allows operators to quickly level, push, or reposition soil and aggregate, improving productivity and saving time. The blade is raised and lowered by a hydraulic cylinder and is conveniently controlled via a button on the drive lever for smooth, intuitive operation.



Additional Lights 360° LED

Additional LED lighting enhances visibility and illumination around the machine in all directions, improving performance in low-light conditions and increasing jobsite safety.



ATC – Ammann Traction Control

To improve machine passability on challenging terrain, our machines can be equipped with a traction control circuit that significantly enhances performance. The system can be activated or deactivated by the operator as needed, allowing it to be used only when conditions require maximum traction for proper operation.

Maintenance Kit

Optional maintenance kits keep machines running smoothly, minimize downtime, extend service life, and simplify maintenance management for clients.

Available kits for: 500, 1000 and 2000 hours.

Engine Air Inlet Pre-Cleaner

This option ensures cleaner intake air for the engine by significantly reducing dust and contaminants before they reach the main air filter. The result is extended filter service life, more reliable engine performance, and a reduced risk of damage.

Designed for high-dust environments, this solution provides maximum protection and consistent operation even under the toughest conditions.

Biodegradable Hydraulic Oil

The machine can be equipped with biodegradable hydraulic oil that decomposes quickly, reducing environmental impact. It can replace standard hydraulic oil, provided all hydraulic filters are replaced during the conversion.

EASY, EFFICIENT REPLACEMENT

Ammann does everything possible to ensure you have the necessary parts where and when you need them.

Special kits ensure all necessary project parts are in a single box to keep you organised and efficient. QR codes link to videos that walk you through the replacement process.

BENEFITS OF AMMANN ORIGINAL SPARE PARTS

- are engineered with Swiss precision and thoroughly tested to fit your machines perfectly;
- provide quality that guarantees long life;
- come with a 12-month warranty;
- reduce downtime through availability and streamlined logistics.

ALWAYS CLOSE

No matter where you are, Ammann-trained technicians and parts are near.

BENEFITS

- Ammann dealers provide knowledgeable technicians who can help, whether it's an emergency or time for preventive measures;
- A hotline enables quick access to our team of experienced specialists;
- Videos walk you through service and maintenance processes;
- Special parts kits include QR codes that link to video demos.



GET THE MOST OUT OF YOUR MACHINE

Success on the jobsite starts with the right machine. It continues with training that helps you leverage all the value built into the product.



BENEFITS

- Ammann application experts offer training that is tailored to your needs and is built around best practices;
- The sessions can occur at an Ammann facility, your business, on a jobsite or at the local Ammann Dealer;
- Remote and eLearning opportunities are also available.

PROGRAMS

AMMANNCARE

Choose from 5 levels of service.

The Ammann Care program offers a range of essential components to ensure optimal equipment performance and dealer support. These include mandatory Ammann Service Kits, optional Ammann ServiceLink, comprehensive spare parts coverage, engine warranty, and reimbursement for travel, mileage, and labor costs related to part replacements. Additionally, the program provides support for machines during a grace period of up to 12 months.

YOUR BENEFITS

- Additional coverage opportunities to generate revenue;
- Connects Dealers with customers throughout the machine lifecycle;
- Simplifies service and maintenance implementation;
- Provides new ways to support customers;
- Customizable to meet specific Dealer needs and standards.

BRONZE

SILVER

GOLD

PLATINUM

DIAMOND

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.

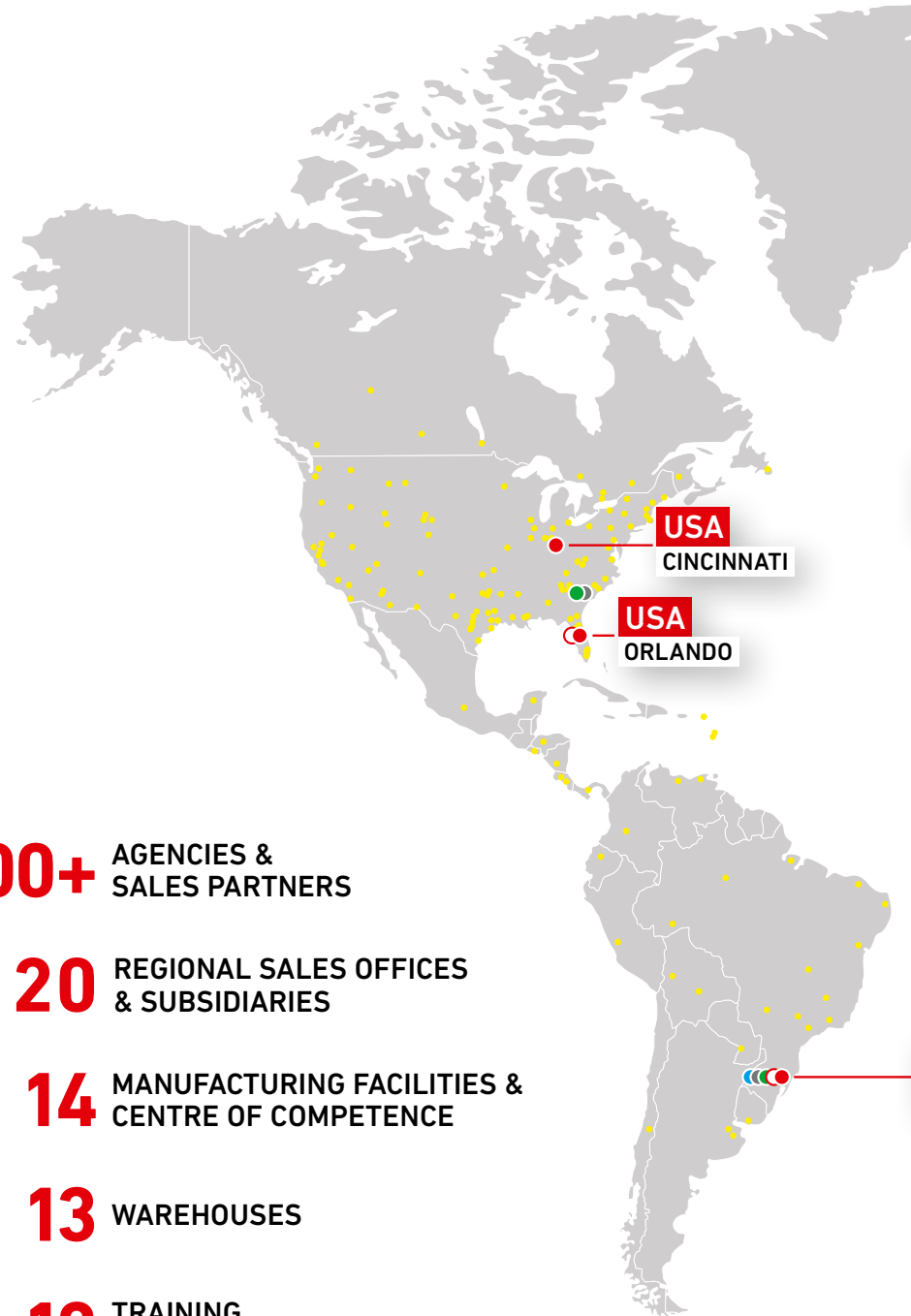
200+ AGENCIES & SALES PARTNERS

20 REGIONAL SALES OFFICES & SUBSIDIARIES

14 MANUFACTURING FACILITIES & CENTRE OF COMPETENCE

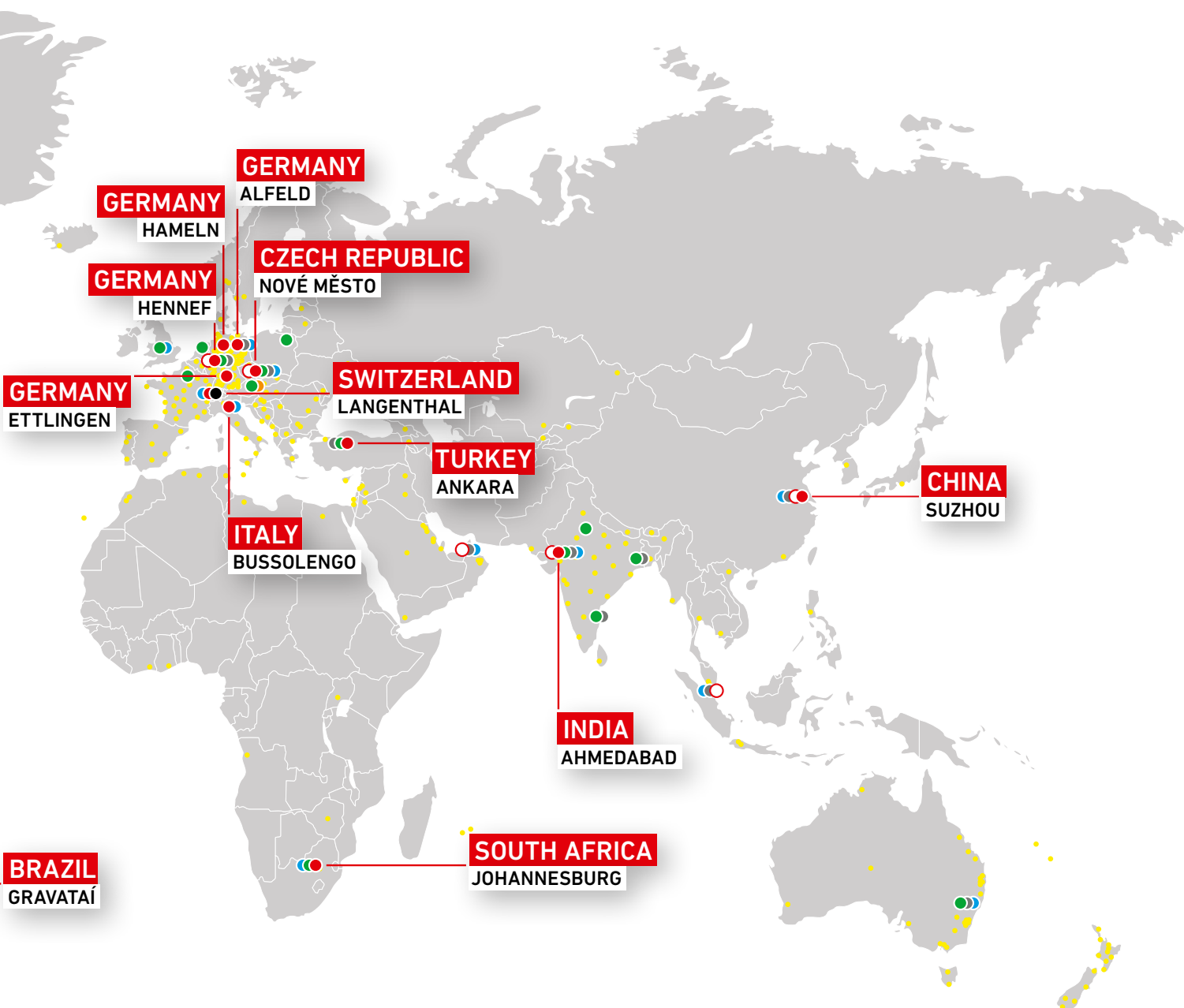
13 WAREHOUSES

12 TRAINING CENTRES



PLANTS

ASPHALT-MIXING PLANTS
CONCRETE-MIXING PLANTS



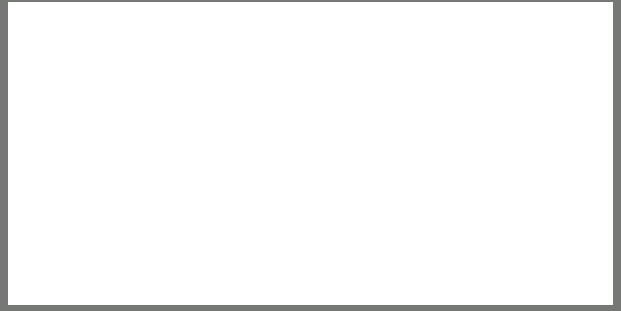
GLOBAL DISTRIBUTION & SERVICE NETWORK

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



MACHINES

LIGHT COMPACTION
SOIL & ASPHALT COMPACTION
ASPHALT PAVERS



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