

SOIL COMPACTORS

ARS 30 ARS 50



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 30	3580 kg (7893 lb)	1200 mm (47.2 in)	StV T4f
ARS 30 PD	3590 kg (7915 lb)	1200 mm (47.2 in)	StV T4f
ARS 50	4230 kg (9325 lb)	1400 mm (55.1 in)	StV T4f
ARS 50 PD	4240 kg (9348 lb)	1400 mm (55.1 in)	StV T4f

Applications

- Confined work spaces
- Landscaping projects
- Forest, dirt local roads
- Walking/bicycle paths
- Pipeline construction
- Housing developments

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

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.

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.

ECODrop

Reduces fuel consumption and lowers the **carbon footprint**.

Sustainable cost-saving measures include **extended service intervals**, durable wear parts, and easy access to all maintenance points.

Reduce downtime

The **heavy-duty design** of the frame and components extends machine life.

Service-friendly features further reduce ownership costs.



Digitalization

The machine is ready for the **connectivity** that allows precise control over status and performance. Connectivity helps monitor the machine **life cycle** and utilization. It also advances planning.

Operator station

Intuitive machine control supports **ease of operation**.

Advanced features ensure even newcomers are productive, high performers.

No rear axle

The unique, **compact design** offers **versatility**, traction, stability, maneuverability, and safety.

Reduced maintenance

The articulation joint and vibratory unit consist of **maintenance-free parts**.

Fast, simple maintenance improves readiness and extends machine life.



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

The system continually adjusts drive performance based on the current jobsite conditions. It distributes torque to the axles to maintain ground contact, prevent front drum and rear wheel slipping, maximise traction and ensure the quality of the final compacted surface.

Performance control

Precise compaction in the fewest possible passes increases productivity and reduces environmental impact. Dual compaction output settings ensure optimal results across different materials and layer depths.

Varied drum options

Customers can select from various drum designs and combinations, including a Smooth drum, Padfoot drum or varied Shell kits. The Ammann Compaction Expert (ACE) measurement system is also available as an option.





5% shorter wheel base

A shorter wheel base (compared to our competitors) improves manoeuvrability and stability.



10% improved gradeability and manoeuvrability

The traction system helps the machine overcome steeper slopes and difficult terrains.

5 cm thicker layers

Precise vibratory control delivers the energy required to compact various types of materials – and layers of varied depths.

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 machine for enhanced productivity and optimal safety.

Spacious environment

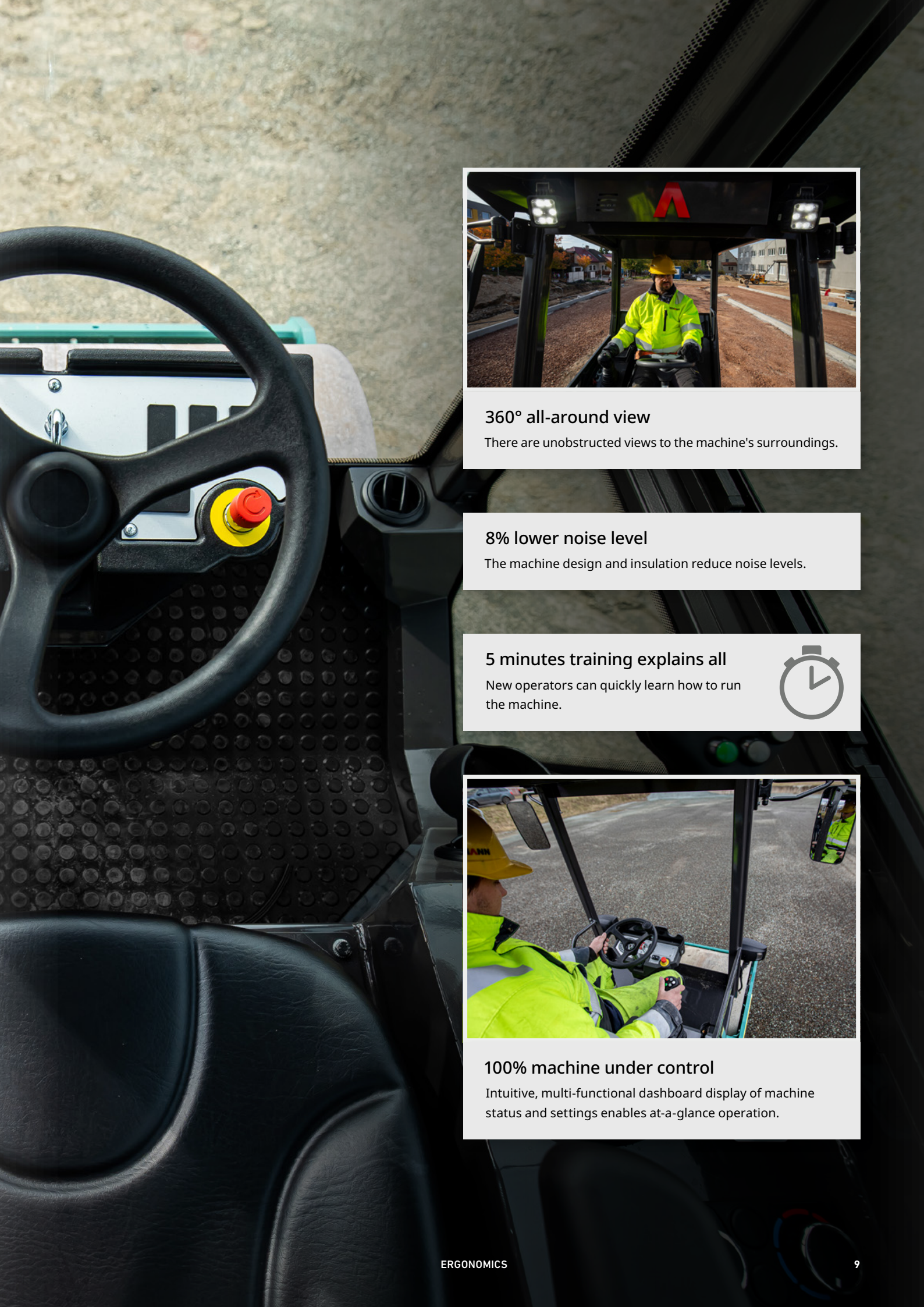
The operator station is easily accessible and insulated from noise and vibration. A spacious platform and adjustable seat keep operators of all sizes comfortable.

Ease of Operation

Machine control is intuitive and safe, with switches that are logically positioned, easily accessible, and highly visible. The dashboard is intuitively arranged and offers the durability required for open-platform machines.

Advanced features

Operation is simplified due to an integrated parking brake and dozer blade control. The multi-functional overview display further simplifies operation, and an embedded self-diagnostics system is available if needed.



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

The robust design makes the machine extremely durable – essential given its work in difficult environments. All components are optimally located for seamless operation, extending machine life-span and maximizing uptime. This significantly reduces ownership costs by eliminating the need for replacement parts and saving time spent on machine service or maintenance.

Service friendliness

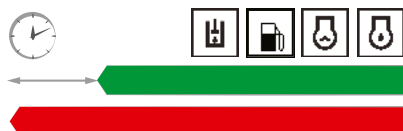
Easy access to all major components simplifies servicing. Conveniently located draining points for operating fluids allow smooth and fast exchanges. A self-diagnostic system continuously monitors the machine's functionality.

Maintenance-free parts

Advanced technology featuring heavy-duty grease (instead of oil) and sealed bearings eliminates the need for maintenance over the entire service life of the machine.

Fast, simple maintenance

The engine is installed in a low position, thanks to the absence of a rear axle, making pre-shift inspections and daily maintenance easier and faster - significantly reducing downtime. Ground-level access to all core components eliminates the need for climbing.





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.

50% more maintenance-free parts

Maintenance-free components reduce machine downtime and lower ownership costs.



80% faster daily check

Simplified daily checks shorten machine preparation time.



SUSTAINABILITY

Carbon footprint

Electronic engine technology, along with synthetic and biofuels, reduces emissions and fuel consumption. Innovative technologies also minimize fluid usage and variety.

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.

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.

Life-cycle

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





90% CO₂ reduction

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

25% reduction of operation fluids

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



One-click access

Machine status can be accessed remotely.



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 ACE^{force} system brings real-time, autonomous compaction measurement. It's easy to use, with clear on-screen indicators and simple setup. It's maintenance-free and built to lower ownership costs and deliver precision and performance.

- Continuously measures absolute compaction and evaluates real material stiffness
- Is integrated into the multifunctional display for easy monitoring of compaction progress
- Indicates double-jump mode



ADS

Ammann documentation system

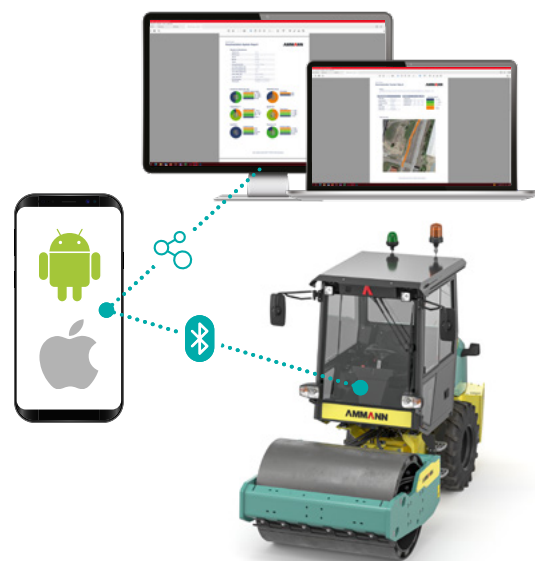
The Ammann Documentation System (ADS) combines GPS data with compaction results from ACE^{force}. The result is detailed document for precise locations. Data can be recorded directly on the machine or via the ADS app on a mobile device.

- 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} system, 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.)



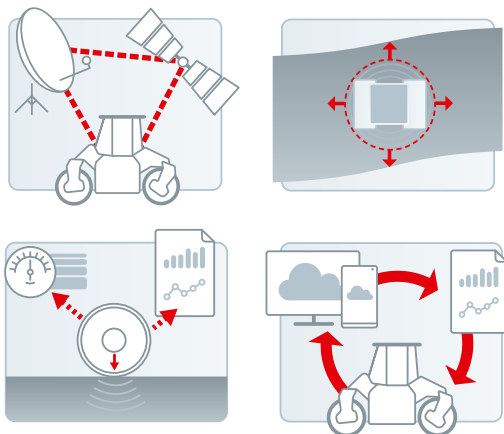
Q MACHINES

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...



DRIVE VERSATILITY

Ammann's no-rear-axle concept maximises visibility and helps operators keep a close eye on the jobsite.

Varied weights and sizes as well as a combination of drum choices provide the versatility needed when going from one application to the next. Padfoot shell kits are available to convert smooth drums as needed — we also offer a smooth segment for padfoot drums. It's like having two machines in one.



■ ■ Fast, precise
compaction in
the fewest passes
possible. ■ ■



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.



Additional Lights 360° LED

Additional LED lighting improves visibility and illumination around the machine in all directions, boosting performance in low-light conditions and enhancing jobsite safety.

Seat options armrest

Improved operator seat support boosts comfort during long work shifts.

Drum Shell Kits Including Scrapers Smooth | Padfoot

To maximize machine versatility and productivity across different material types, our machines can be equipped with additional drum shell kits. A machine delivered with a padfoot drum can be easily converted to a smooth drum using the Smooth Shell Kit. Likewise, machines originally equipped with a smooth drum can be upgraded using the Padfoot Shell Kit. These conversion kits offer exceptional flexibility, especially valued in the rental business. Each kit also includes the required scrapers.



Ammann Documentation System ADS | ADS RTK

In combination with the ACE^{force} system, 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.



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!”

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 longer filter life, more reliable engine performance, and reduced risk of damage.

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

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.

Dozer Blade Including 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.



Road Lights Including 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.

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.

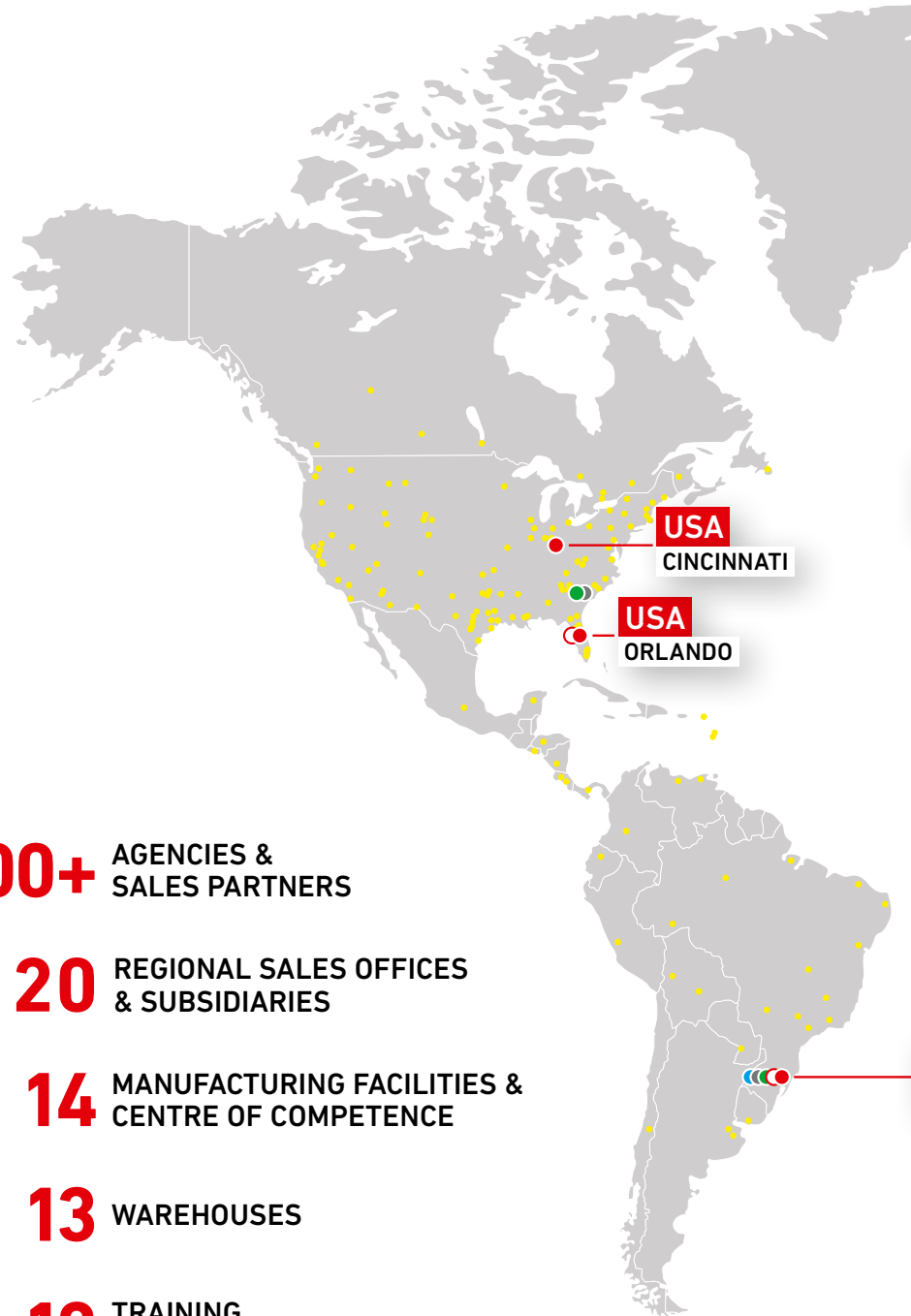
200+ AGENCIES & SALES PARTNERS

20 REGIONAL SALES OFFICES & SUBSIDIARIES

14 MANUFACTURING FACILITIES & CENTRE OF COMPETENCE

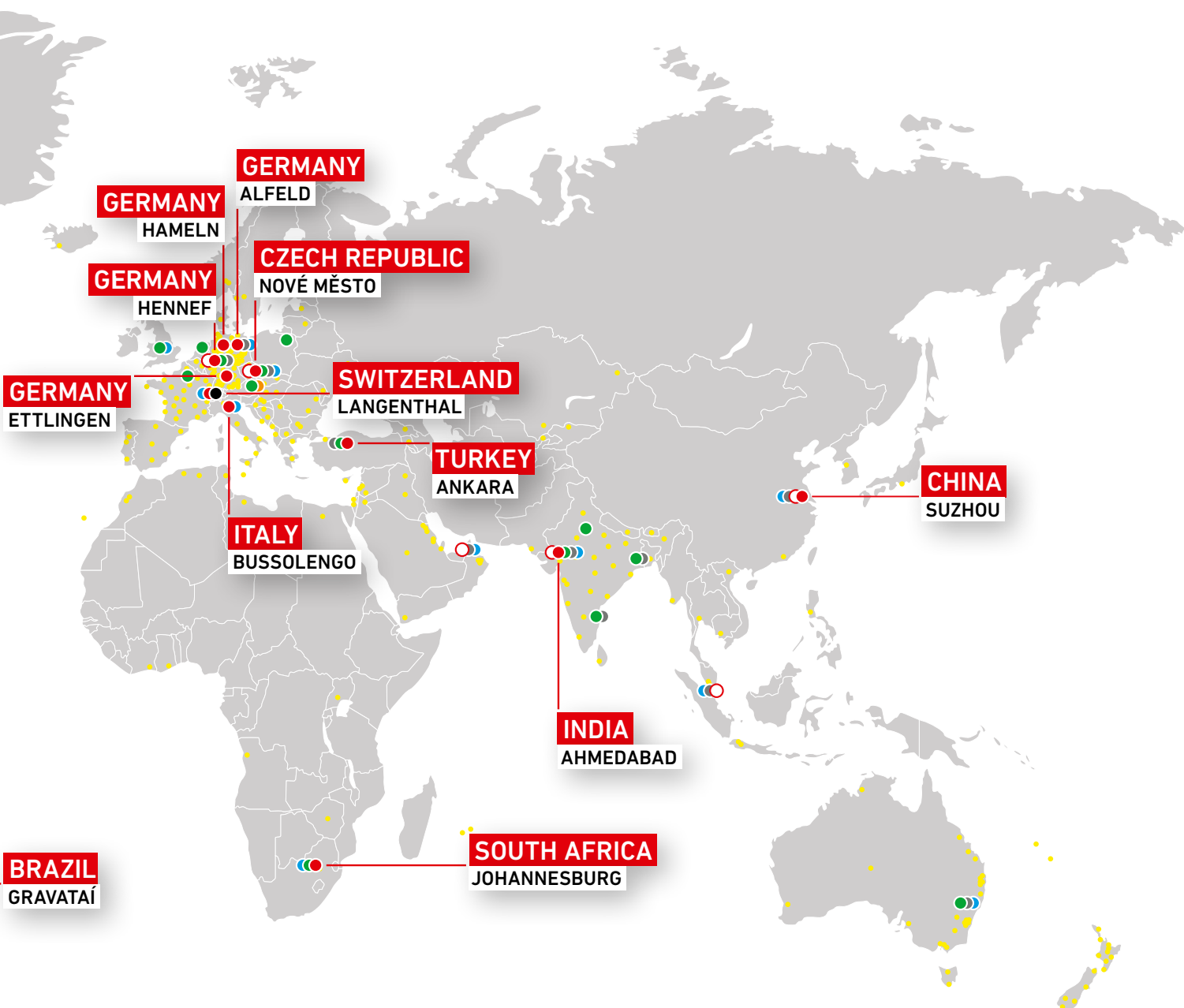
13 WAREHOUSES

12 TRAINING CENTRES



PLANTS

ASPHALT-MIXING PLANTS
CONCRETE-MIXING PLANTS



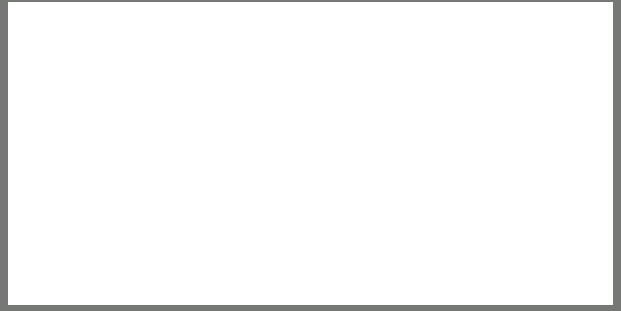
GLOBAL DISTRIBUTION & SERVICE NETWORK

- 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



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

