

ARTICULATED TANDEM ROLLERS

ARX & AVX SERIES

EU Stage IIIA / U.S. EPA Tier 3



AMMANN

PROVEN PERFORMERS

Ammann Articulated Tandem Rollers have a long history of delivering compaction output and productivity to all types of jobsites. An articulated joint, which connects the front and rear frames, enables easy steering and precise control. A heavy-duty, two-stage vibratory system delivers power, while operators can easily adjust amplitude and frequency to meet the needs of the jobsite.



AV 70 X

Operating weight: 7360 kg (16,230 lb)
Maximum weight: 7810 kg (17,220 lb)
Drum width: 1450 mm (57.1 in)
Max working offset mode: 1450 mm (57.1 in)
Engine: Cummins – 60 kW (80 HP)
EU Stage IIIA / U.S. EPA Tier 3

STANDARD DRUM

Frequency I: 43 Hz (2580 vpm)
Frequency II: 52 Hz (3120 vpm)
Amplitude I: 0.6 mm (0.024 in)
Amplitude II: 0.33 mm (0.013 in)
Centrifugal force I: 65 kN (14,613 lbf)
Centrifugal force II: 55 kN (12,364 lbf)

HIGH-FREQUENCY DRUM

Frequency I: 48 Hz (2880 vpm)
Frequency II: 67 Hz (4020 vpm)
Amplitude I: 0.6 mm (0.024 in)
Amplitude II: 0.2 mm (0.008 in)
Centrifugal force I: 71 kN (15,961 lbf)
Centrifugal force II: 46 kN (10,341 lbf)



AV 110 X

Operating weight: 10 400 kg (22,930 lb)
Maximum weight: 11 190 kg (24,670 lb)
Drum width: 1700 mm (66.9 in)
Max working offset mode: 1860 mm (73.2 in)
Engine: Cummins – 74 kW (99 HP)
EU Stage IIIA / U.S. EPA Tier 3

STANDARD DRUM

Frequency I: 45 Hz (2700 vpm)
Frequency II: 53 Hz (3180 vpm)
Amplitude I: 0.7 mm (0.028 in)
Amplitude II: 0.35 mm (0.014 in)
Centrifugal force I: 110 kN (24,729 lbf)
Centrifugal force II: 77 kN (17,310 lbf)

HIGH-FREQUENCY DRUM

Frequency I: 45 Hz (2700 vpm)
Frequency II: 55 Hz (3300 vpm)
Amplitude I: 0.66 mm (0.026 in)
Amplitude II: 0.33 mm (0.013 in)
Centrifugal force I: 110 kN (24,729 lbf)
Centrifugal force II: 83 kN (18,659 lbf)



AV 130 X

Operating weight: 13 080 kg (28,840 lb)
Maximum weight: 13 870 kg (30,580 lb)
Drum width: 2100 mm (82.7 in)
Max working offset mode: 2260 mm (89 in)
Engine: Cummins – 97 kW (130 HP)
EU Stage IIIA / U.S. EPA Tier 3

STANDARD DRUM

Frequency I: 42 Hz (2520 vpm)
Frequency II: 55 Hz (3300 vpm)
Amplitude I: 0.8 mm (0.031 in)
Amplitude II: 0.4 mm (0.016 in)
Centrifugal force I: 135 kN (30,349 lbf)
Centrifugal force II: 96–116 kN
(21,582–26,078 lbf)



ARX 91

Operating weight: 9200 kg (22,930 lb)
 Maximum weight: 11 190 kg (24,670 lb)
 Drum width: 1700 mm (66.9 in)
 Max working offset mode: 1870 mm (73.6 in)
 Engine: Cummins – 60 kW (80 HP)
 EU Stage IIIA / U.S. EPA Tier 3 / BS-III

STANDARD DRUM

Frequency I: 42 Hz (2520 vpm)
 Frequency II: 55 Hz (3300 vpm)
 Amplitude I: 0.7 mm (0.028 in)
 Amplitude II: 0.35 mm (0.014 in)
 Centrifugal force I: 78 kN (17,535 lbf)
 Centrifugal force II: 67 kN (15,062 lbf)



ARX 90

Operating weight: 9470 kg (20,880 lb)
 Maximum weight: 10 910 kg (24,050 lb)
 Drum width: 1680 mm (66.1 in)
 Max working offset mode: 1850 mm (72.8 in)
 Engine: Deutz – 74.4 kW (100 HP)
 EU Stage IIIA / U.S. EPA Tier 3

ARX 90K

Operating weight: 9410 kg (20,750 lb)
 Maximum weight: 10 880 kg (23,990 lb)
 Drum width: 1680 mm (66.1 in)
 Pneu width: 1628 mm (64.1 in)
 Max working offset mode: 1824 mm (71.8 in)
 Engine: Deutz – 74.4 kW (100 HP)
 EU Stage IIIA / U.S. EPA Tier 3

STANDARD DRUM

Frequency I: 38–42 Hz (2280–2520 vpm)
 Frequency II: 45–54 Hz (2700–3240 vpm)
 Amplitude I: 0.7 mm (0.028 in)
 Amplitude II: 0.34 mm (0.013 in)
 Centrifugal force I: 69–84 kN
 (15,511–18,884 lbf)
 Centrifugal force II: 47–68 kN
 (10,566–15,287 lbf)

HIGH-FREQUENCY DRUM

Frequency I: 42–46 Hz (2520–2760 vpm)
 Frequency II: 58–67 Hz (3480–4020 vpm)
 Amplitude I: 0.62 mm (0.024 in)
 Amplitude II: 0.23 mm (0.009 in)
 Centrifugal force I: 74–89 kN
 (16,636–20,008 lbf)
 Centrifugal force II: 56–70 kN
 (12,589–15,737 lbf)

OSCILLATION DRUM

Oscillation frequency: 40 Hz (2400 vpm)
 Oscillation amplitude: 1.3 mm (0.05 in)
 Oscillation force: 77 kN (17,310 lbf)



ARX 110

Operating weight: 10 310 kg (22,730 lb)
 Maximum weight: 11 750 kg (25,900 lb)
 Drum width: 1680 mm (66.1 in)
 Max working offset mode: 1850 mm (72.8 in)
 Engine: Deutz – 74.4 kW (100 HP)
 EU Stage IIIA / U.S. EPA Tier 3

ARX 110K

Operating weight: 10 090 kg (22,240 lb)
 Maximum weight: 11 530 kg (25,420 lb)
 Drum width: 1680 mm (66.1 in)
 Pneu width: 1628 mm (64.1 in)
 Max working offset mode: 1824 mm (71.8 in)
 Engine: Deutz – 74.4 kW (100 HP)
 EU Stage IIIA / U.S. EPA Tier 3

STANDARD DRUM

Frequency I: 38–42 Hz (2280–2520 vpm)
 Frequency II: 43–52 Hz (2580–3120 vpm)
 Amplitude I: 0.82 mm (0.032 in)
 Amplitude II: 0.35 mm (0.014 in)
 Centrifugal force I: 98–120 kN
 (22,031–26,977 lbf)
 Centrifugal force II: 54–78 kN
 (12,140–17,535 lbf)

HIGH-FREQUENCY DRUM

Frequency I: 42–46 Hz (2520–2760 vpm)
 Frequency II: 58–67 Hz (3480–4020 vpm)
 Amplitude I: 0.6 mm (0.024 in)
 Amplitude II: 0.22 mm (0.009 in)
 Centrifugal force I: 88–105 kN
 (19,783–23,604 lbf)
 Centrifugal force II: 61–82 kN
 (13,713–18,434 lbf)

OSCILLATION DRUM

Oscillation frequency: 40 Hz (2400 vpm)
 Oscillation amplitude: 1.3 mm (0.05 in)
 Oscillation force: 77 kN (17,310 lbf)

A POWERFUL PACKAGE WITH CONSTANT CONTACT



PRODUCTIVITY

Superior compaction performance

The powerful vibratory system generates high compaction forces for fast and thorough compaction

Articulated joint with oscillation

Permanent contact with the surface and a wide range of working widths for higher productivity

Sprinkling system

3-stage filtration system with large water tank for extended intervals between fillings

ERGONOMICS

A comfortable workplace

Ergonomic operator station designed for high operator comfort

Simple and reliable dashboard

Intuitive machine control, even for unskilled operators

Visibility

Excellent all-around machine visibility for jobsite safety

SERVICEABILITY

Accessible engine compartment

Tool-free, wide-opening engine hood / doors

Easy-to-reach maintenance points

All service points are optimally positioned for easy service

Self-diagnostic system

The on-board, automated diagnostic system quickly identifies potential problems



APPLICATIONS

AV 70X

- Small and medium compaction projects
- Transport construction (municipality & town roads)

ARX 90 | 91 | 110

AVX 110 | 130

- Medium and large compaction projects
- Transport construction (motorways, railways, airfields)
- Building construction (houses, industrial zones, etc.)
- Surface finishing machine

COMPACTION, TRACTION AND

Multiple vibratory frequencies are among the features that deliver high compaction output. The articulated steering concept, with the cab and engine on the front frame and the water tank in the rear, provides exceptional manoeuvrability – particularly for such a powerful machine.

OPERATOR PLATFORM

Excellent view to drum surface, edges and sprinkling system; rotating/sliding seat



ENGINE EFFICIENCY

Delivers low emissions, advanced cooling and reduced noise

SERVICEABILITY

Ground level access to daily maintenance points; engine compartment is fully accessible

ARTICULATED STEERING JOINT

Maximises manoeuvrability; off-set mode increases working widths; oscillation adds even more jobsite versatility

CONTROL

OPERATOR WORKPLACE

Easy operation and monitoring through convenient controls on dashboard or via multi-functional display

ADVANCED COMPACTION SYSTEM

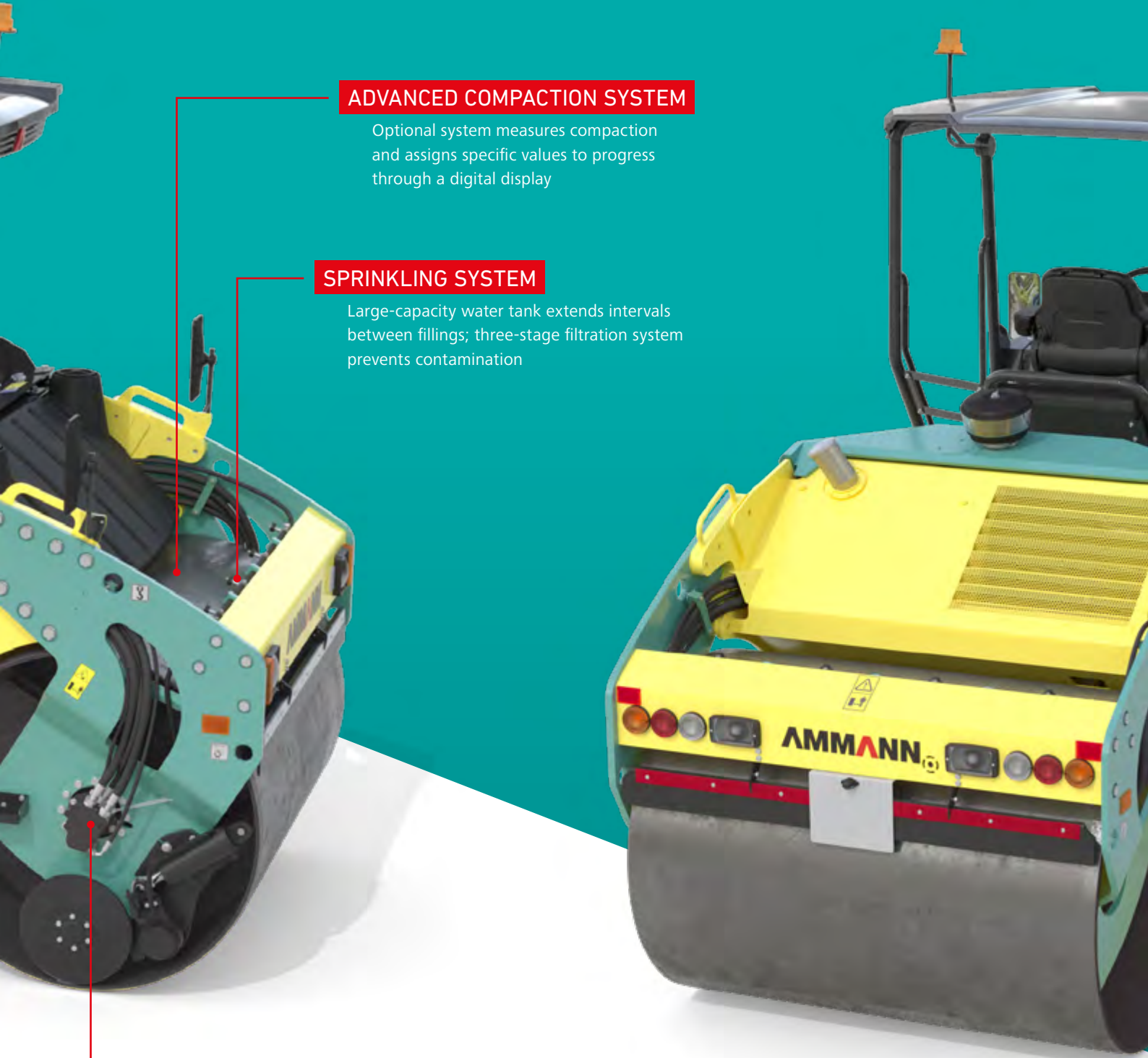
Optional system measures compaction and assigns specific values to progress through a digital display

SPRINKLING SYSTEM

Large-capacity water tank extends intervals between fillings; three-stage filtration system prevents contamination

MULTIPLE VIBRATORY FREQUENCIES

Varied vibratory settings ensure high-quality, precise compaction across all layers



ROLL WITH THE CHANGES

DESIGNED FOR SUCCESS

Ammann compactors have the tools you need to reach your targets in an efficient, cost-effective manner. The machines' engineering ensures exceptional compaction output while maintaining consistent ground contact. The sprinkling system – and its backup – is built to keep your machines working.

Superior compaction performance

The two-stage vibratory system supplies optimal compaction outputs that make the machine an invaluable tool on the jobsite. The high compaction output, together with two different frequency settings, ensures effective results on diverse jobsites and helps the crew achieve density targets in fewer passes. Eliminating unnecessary passes is essential to jobsite budgets.

Articulated joint with oscillation

Robust articulated joint with integrated steering, oscillation and off-set mode are well-thought-out solutions. The steering mode offers exceptional machine maneuverability on jobsites, while oscillation keeps machines in constant ground contact. The operator is able to adjust the working widths on the jobsite to off-set mode (excl. ARX 91) when needed to reach areas close to curbs or to increase working width by 10%.

Sprinkling system

Filling intervals are extended by a combination of the high-capacity water tank and variable spraying settings that optimize water use. To maximise productivity, all sprinkling systems are equipped with a 3-stage filtration process that ensures the spraying nozzles are constantly cleaned – even if the water is contaminated. In addition, the system is equipped with a backup water pump to ensure uptime on the jobsite.



“Ammann Tandem Rollers provide operator comfort and easy adjustment of amplitude and frequency.”

APPLICATIONS

A wide scope of applications can be tackled given the compactors' varied working widths and weights, which range from 7 tonnes to 13 tonnes. The lighter machines are the best fits on small and medium jobsites and when completing local transportation projects. The heavier rollers excel on larger jobsites, including building construction and high-production asphalt jobs.



COMFORT AND CONTROL THROUGHOUT THE SHIFT

INTUITIVE DISPLAYS MAKE OPERATION EASY

Ammann rollers are built to keep operators comfortable, helping boost productivity throughout a long shift. Intuitive, easy-to-reach controls ensure that operators of all experience levels succeed.

A comfortable workplace

A highly sophisticated operator station focuses great attention on detail. Main control components are intuitively organised and conveniently located on both armrests. Other switches and controls are easy to reach. Comfort, including an adjustable seat with armrests and a spacious platform, are important for the operator to increase concentration throughout the day.

Simple and reliable dashboard

Controls are at the operator's fingertips and highly visible for quick monitoring. A robust dashboard ensures durability, even on an open platform. A centralised, multi-function display is mounted on the dashboard, further enhancing monitoring.

Visibility

All objects extending beyond a 1-metre-by-1-metre area are visible to the operator both in front of and behind the machine. Operator visibility of the drum surfaces and edges is significantly improved. The operator can easily see if the spraying system is working without leaving the operator station.



ELECTRONIC DRIVE LEVER

Intelligent control functions:

- **Panic Stop function**
Improves safety by automatically stopping the machine if there are sudden changes in the travel direction.
- **Integrated Parking brake**
Highly sophisticated drive lever with integrated parking brake function makes machine control safe and comfortable.



AV 110X

IN YOUR CORNER

EASY ACCESS ADDS A PRODUCTIVITY BOOST

Productivity comes in many ways – including the reduced time it takes your crew and technicians to complete maintenance and service. Ammann articulated tandem rollers are maintenance friendly so the roller and your crew can quickly resume operation.

Accessible engine compartment

AVX 70/110/130/ARX91

A wide-opening hood provides exceptional access to the engine, which is located in the rear frame. Daily inspections are quick and the cooling system is easy to clean.

ARX 90/110

The engine compartment is easy to access – from either side – thanks to wide-opening side doors that make daily inspection fast. The cooler's removable cover provides further access for easy cleaning.

Easy-to-reach maintenance points

Centralised maintenance points, combined with external fluid drains, help service technicians do their job faster and maximise machine uptime. Daily maintenance can be completed without tools, enabling quick service before the working shift.

Self-diagnostic system

The highly advanced machine control system enables quick identification of potential machine issues – without the need for service tools. This solution helps operators identify potential trouble early and assists technicians with diagnostics. Ultimately, the machine and crew can reduce downtime.



ECOdrop

HIGH EFFICIENCY AND REDUCED OWNERSHIP COSTS

The ECOdrop system reduces fuel consumption, and that is only the start of the savings. ECOdrop also lowers the cost of ownership through a reduction in the amount of fluids required, longer-lasting wear parts, extended service intervals and optimal access to all maintenance points. These efficiencies reduce costs and make the machines more environmentally friendly.

KEY FEATURES

- Highly efficient engine
- Engine load linked to working speed
- Exceptional access to daily and periodic maintenance points
- Fewer wear parts
- Intelligent machine operation
- Improved uptime
- Environmentally friendly



AV 70-130X

PERFECT FIT

The AVX series provides a valuable blend of productivity, operator comfort and easy maintenance – all key benefits for machine owners. The operating weight combines with a heavy-duty, two-stage vibratory system for optimal compaction results. A comfortable operator station features an intuitive control panel and outstanding sight lines to the drum, sprinkling system – and the jobsite.

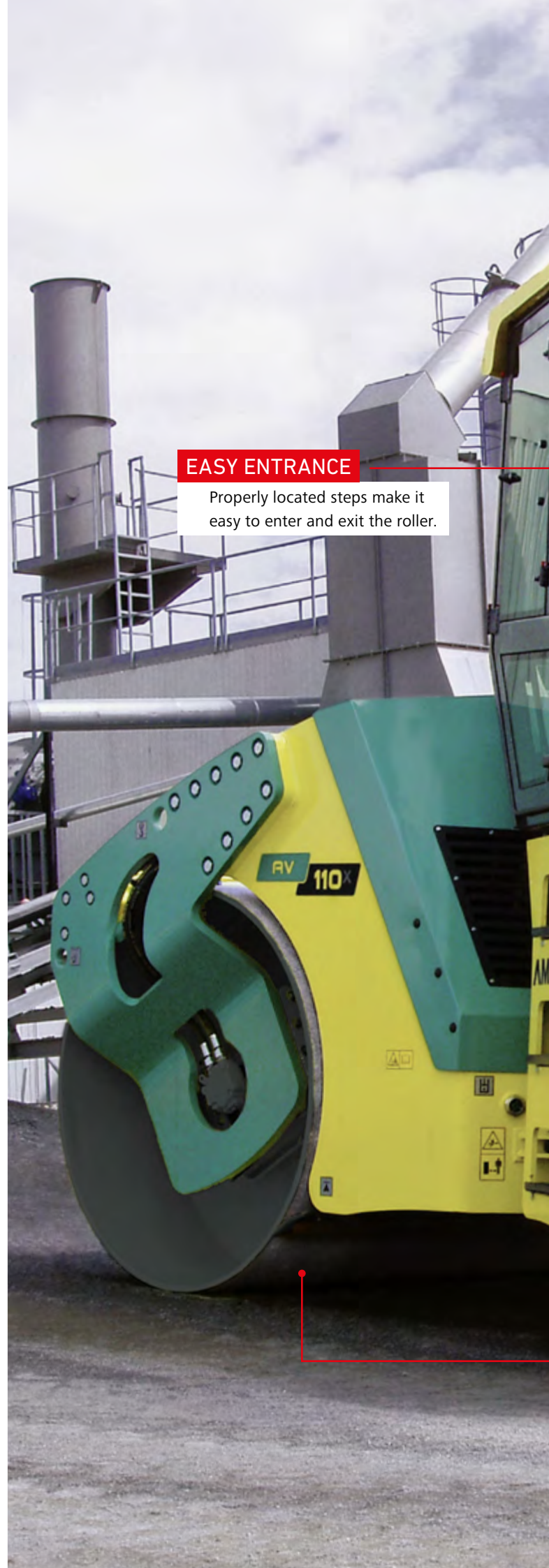
The production and uptime of the machine has been proven in varied applications around the world.

HIGHLIGHTS

- Independent traction and vibration pumps for high effectiveness
- Heavy duty, two-stage vibratory system
- Simple adjustment of amplitude and frequency
- Off-set mode for higher machine surface coverage (up to 10%)
- Large water tank capacity (AV70X 600liters/158,5 gal & AV110-130X 1000liters/264,1 gal) with 3-stage filtration system
- Two water pumps
- Cab isolated from heat and vibration
- Convenient location of controls
- 2 drive levers for easy operation
- Fully adjustable seat position and steering column
- Toolless, maintenance-free service
- External draining ports

EASY ENTRANCE

Properly located steps make it easy to enter and exit the roller.





FULLY GLAZED CAB

Great visibility in all directions from the operator station.

OFF-SET STEERING

Two frames connected by a double oscillating joint enable crab steering on each side, increasing responsiveness and compaction output.

ARX 91

EFFICIENT COMPACTION

This compactor, with a weight of 9 tonnes, serves a highly demanded market segment. The hydrostatic propulsion system is engineered to provide exceptional traction in varied conditions.

This unique design concept also drives vibration away from the operator's station. The operator has great views of machine edges and sprinkler bars without ever leaving his seat. The engine is positioned in the rear frame, which enables easy access to the compartment and filters.

HIGHLIGHTS

- Unique propulsion system enables smooth starts/stops
- Higher compaction output in fewer passes
- Optimal all-around visibility
- Clear, reliable dashboard with all controls within operator reach
- A large water tank (1000 litres/264 gal) minimises the need for refills
- Two water pumps
- Ground access to all service and maintenance points



ENGINE

Minimum vibration and heat exposure to operator station thanks to engine location in rear frame.



“The ARX 91 thrives in multiple applications thanks to its drum dimensions, frequencies and amplitudes.”

VISIBILITY

Optimal view around the machine for jobsite safety.

EFFICIENCY

Powerful vibratory system enables successful compaction in fewer machine passes.

ARX 90–110

SOLID AND MODERN

These tandem rollers are built around the feedback and experience of road construction experts and crews.

Variable frequency rates, which are easily set on the operator display, increase compaction effectiveness across varied layers and materials.

A highly advanced operator station showcases great attention to detail. Main control components are intuitively organised and conveniently positioned on both armrests. A multifunctional display, located in front of the operator, provides quick and easy monitoring. These features enhance machine control and maximise safety, too.

The advanced control system enables quick identification of potential machine issues without the need for service tools, helping to reduce downtime.

HIGHLIGHTS

- Variable vibratory frequencies with optimal compaction output
- Wide range of options and drums
- Large water tank (840 liters/ 222 gal) with 3-stage filtration system
- Two water pumps
- Highly ergonomic workplace
- Multifunctional display in steering wheel
- On-board diagnostics system
- Heavy-duty articulation joint with off-set function and simple maintenance
- Toolless daily maintenance
- ATC (Ammann Traction system)

MULTIFUNCTIONAL DISPLAY

On-board diagnostics are integrated into the central display.





CAB

A full-glass windscreen enables unobstructed views to the drum and surroundings. Low noise levels ensure operator comfort.

MULTIPLE VIBRATORY FREQUENCIES

Varied vibratory settings ensure high-quality, precise compaction across all layers.

VERSATILE VIBRATORY SYSTEM

EASY ADJUSTMENT OF AMPLITUDE AND FREQUENCY

Ammann articulated tandem rollers offer varied settings that provide versatility in many applications while the strong vibratory system delivers essential compaction power.

VIBRATORY SYSTEM

- 2 independent vibratory pumps for each drum
- Heavy-duty, 2-stage vibrator for high compaction performance and quality
- Amplitude easily adjusted by selecting the rotational direction of the vibratory shaft
- Multiple vibration frequencies
- Oil bath to lubricate and cool moving parts
- High frequency version (option)
- ACE/ACE^{force} (option)
- Oscillation drum (option)

HIGH-FREQUENCY DRUM

The technologically advanced, 2-stage vibratory system with enhanced hydraulic components can reach higher frequencies than the standard version and deliver 15% more surface impacts, too. The drum is a unique, exceptional tool for compacting various layers and materials in shorter working times.

HIGH-FREQUENCY DRUM (AV 70X | AV 110X |
ARX 90 | ARX 90K | ARX 110 | ARX 110K)

OPERATOR WORKPLACE

Easy operation and monitoring through convenient controls and multi-functional display on steering wheel



“The high-frequency drum utilises frequencies that are 15% higher than its standard counterpart.”

SPRINKLING SYSTEM

Large-capacity (840 litres/222 gal) water tank extends intervals between fillings; three-stage filtration system prevents contamination



PLAY YOUR ACE CARD

BRING INTELLIGENT COMPACTION TO THE JOBSITE

Most construction projects require precise, transparent and verifiable compaction results. The terms for roadbuilding bidding and tendering are becoming stricter, as are the standards for quality. Intelligent Compaction technologies – including the proprietary Ammann Compaction Expert (ACE) – provide the needed efficiency and quality.

The new ACE^{force} system features advanced functions for even easier and safer machine operation. It also provides compaction guidance, which is easily readable on the graphic bar on the multifunctional display for optimal production.

The innovative ACE^{force} system recognises if the machine is in the double jump effect. The system immediately informs the operator of corrective measures to prevent machine damage. These recommendations are made via messages that appear on an easy-to-read display. An audible warning also alerts the operator to the trouble.

ACE^{force} can be equipped with a GPS system to monitor the machine's location.

OPTIONAL ACE^{force}

(ARX 90 - 110, ARX 90K - 110K)

- Intuitive control so operators of all experience levels can be successful
- A main multifunctional display with all information visible
- Simple adjustment of compaction targets and stiffness settings
- Communication of optimal machine speed to operators for higher compaction effectiveness
- Visual and audible double-jump warning
- Easy-to-read bar graph for visualisation of actual soil stiffness (kN)
- Optional GPS with 24/7 remote view
- Operator monitoring of asphalt temperature via the main display
- Achieved compaction is available



OPTIONAL ACE

(ARX 91)

- The ACE for ARX 91 has a quick and easy overview to avoid under or over compaction which brings higher effectivity and cost savings.
- Durable hardware specifically designed for construction environment
- Robust display in direct view of operator; screen can be selected per operator's preference
- CAN-based communication; system is easy to extend
- Material stiffness monitoring
- Double jump monitoring helps prevent machine damage



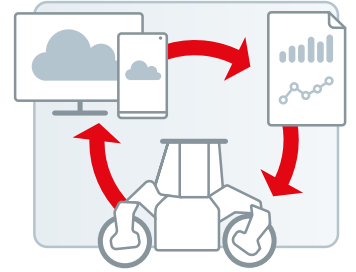
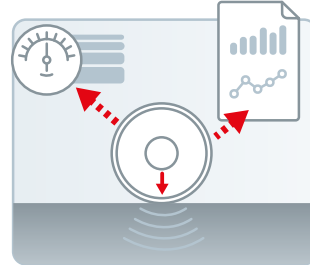
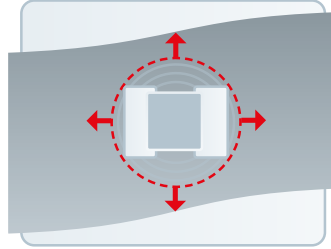
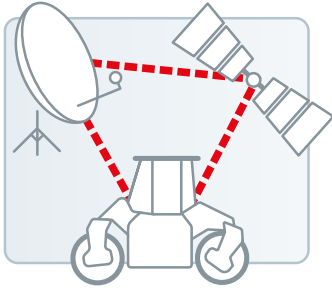
MEASURE AND VISUALISE

- Intelligent Compaction Value (ICV)
- Frequency
- Amplitude
- Double jump

Target value and green indication for intuitive operation

GPS-BASED COMPACTION

ACE^{force+} (ARX 90 - 110, ARX 90K - 110K)



- Combines ACE measurement and control with navigation system data
- Provides an efficient analysis and documentation system for Continuous Compaction Control (CCC)
- Operated and controlled with touch screen
- 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
- Integrates quality control measures in the work 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
- Machine-to-machine communication



OSCILLATION

QUICKER COMPACTION AND COST SAVINGS (ARX 90 - 110)



MASSAGING

Compaction is the process of moving materials more closely together. Traditional vibration tries to accomplish this through a harder pounding in a mostly vertical direction.

Oscillation delivers less force but uses both vertical and horizontal energy. Compaction occurs more quickly when forces are applied from different directions. Oscillation essentially massages the aggregates into place.

CONSTANT CONTACT

The oscillating drum has two eccentric shafts that are located as far as possible from the main axis. Both shafts rotate in the same direction and generate a rotational vibration, called oscillation. The motion enables the drums to maintain constant ground contact throughout compaction. This is a significant departure from vibratory compaction, during which the drums lose contact with the ground after each impact.

The more often the drum is in contact with the surface, the more compaction is occurring beneath it.

HOW WOULD YOUR BUSINESS BENEFIT FROM OSCILLATION?

Sensitive settings

Because oscillation does more massaging than it does pounding, it is often the method of choice on sensitive jobsites such as bridges, or when working over sewers or utility lines.

High temperatures

Oscillating rollers can work on hot mats. This widens the compaction window for crews and helps them quickly get to work on thin lifts, such as those placed on bridges.

Cool temperatures

The "softer" approach of oscillation prevents damage to cooler mats.

Joint work

Rollers with oscillation are great fits for sealing cold joints. The drum can work simultaneously on the hot and cold mats, so it delivers the best of both worlds. The massaging approach prevents damage to the cold mat but applies enough energy to compact the hot materials – and seal the joint, too.

Production

Oscillation doesn't pound like a vibratory roller, but it ultimately delivers more force into the mat because it uses both vertical and horizontal energy. That increased force means quicker compaction and fewer passes. The constant contact with the surface helps too.

Operator friendly

Rollers with oscillation automatically adjust to compaction needs, removing some of the burden from operators. The longer compaction window also gives operators a margin of error as they keep pace with the paver and other rollers.

Smoothness

Vibrating drums can leave "chatter" behind; oscillating rollers do not.

Cost savings

Reducing the number of passes saves on labor, machine wear and fuel. It also helps keep jobs on track – and customers happy.

“Oscillation is a dynamic compaction method that has significant advantages over traditional vibratory compaction.”



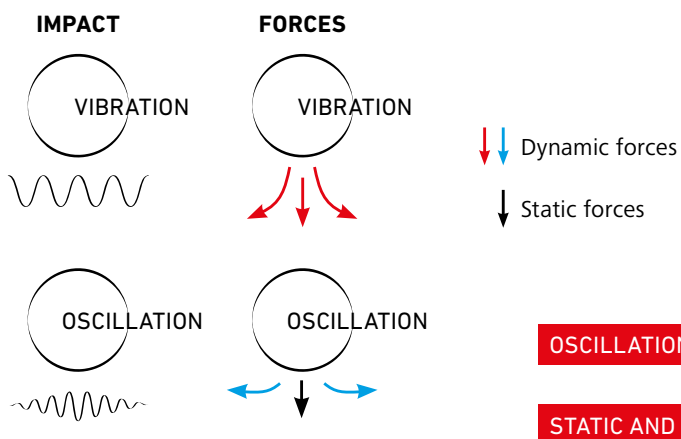
TECHNICAL VIEW

- High quality, hardened steel enables long life
- Shaft deflection extends bearing service life
- Large grease reservoir makes bearings maintenance-free for life of roller
- Precise belt tension lengthens service life
- High efficiency design generates less heat and consumes a third less energy than traditional vibratory rollers
- All oscillating parts are maintenance-free
- Life for all parts exceeds 7000 hours
- Eccentric movements create higher drive efficiency

MANY TECHNOLOGIES FROM A SINGLE SOURCE

Every jobsite has special requirements, and only Ammann offers many different technologies.

- Ammann Compaction Expert (ACE), plus a circular exciter with automatic controlled variable amplitude and frequency
- Circular exciter with 2 amplitudes/frequencies
- Oscillation
- High-frequency technology
- Combination axle with 4 smooth tyres



OPTIONS

THE NEXT STEP

	AV 70X	AV 110X	AV 130X
OPEN PLATFORM	Standard	Standard	Standard
OPEN PLATFORM WITH ROPS AND HARD CANOPY	✓	✓	✓
OPERATOR SEAT - ROTATING WITH SUSPENSION	Standard	Standard	Standard
STEERING COLUMN - ADJUSTABLE	Standard	Standard	Standard
HARD CANOPY WITH RAILS	N/A	N/A	N/A
SOFT CANOPY WITH RAILS	✓	✓	✓
EDGE CUTTER 45° (FRONT RIGHT)	✓	✓	✓
EDGE CUTTER 60° (FRONT RIGHT)	✓	✓	✓
EDGE CUTTER 45° (FRONT RIGHT/FRONT LEFT)	N/A	N/A	N/A
EDGE CUTTER 60° (FRONT RIGHT/FRONT LEFT)	N/A	N/A	N/A
WARNING BEACON	✓	✓	✓
COMPACTION METER	N/A	N/A	N/A
ACEFORCE - COMPACTION MEASURING SYSTEM	N/A	N/A	N/A
INFRARED THERMOMETER	✓	✓	✓
VIBRATION - HIGH FREQUENCY	✓	✓	N/A
CE CONFORMITY	✓	✓	✓
CAB WITH ROPS	✓	✓	✓
REGISTRATION PLATE HOLDER	✓	✓	✓
SLOW MOVING VEHICLE TRIANGLE	N/A	N/A	N/A
AIR CONDITION	✓	✓	✓
SUN PROTECTIVE FILM ON CAB GLASS	✓	✓	✓
RADIO PREPARATION	✓	✓	✓
RADIO FM	✓	✓	✓
WORKING LIGHTS	✓	✓	✓
NIGHT LIGHTS	✓	✓	✓
ENGINE SAFETY SCREENS	✓	✓	✓
TILTABLE SCRAPERS	✓	✓	✓
BACK-UP ALARM	✓	✓	✓
SEAT BELT 3"	✓	✓	✓
TELEMATICS SYSTEM PREPARATION	✓	✓	✓
TELEMATICS SYSTEM SERVICE LINK (3 YEARS)	N/A	N/A	N/A
OSCILLATION DRUM	N/A	N/A	N/A
DRUM STEPS FOLDABLE FRONT/REAR	N/A	N/A	N/A
CHIP SPREADER AMMANN	N/A	N/A	N/A
PLUG 12V	N/A	N/A	N/A
ADDITIONAL MIRRORS REAR	N/A	N/A	N/A
OVERSEAS SHIPPING PREPARATION	✓	✓	✓
CERTIFICATE OF ORIGIN	✓	✓	✓
FIRE EXTINGUISHER	✓	✓	✓
ADDITIONAL DOCUMENTATION PRINTED	✓	✓	✓
HYDRAULIC OIL BIODEGRADABLE	✓	✓	✓
SERVICE KIT FOR THE FIRST 500H	✓	✓	✓
TOOLSET	✓	✓	✓
COLOR SCHEME CUSTOMER	✓	✓	✓

	ARX 91
OPEN PLATFORM	Standard
OPEN PLATFORM WITH ROPS AND HARD CANOPY	N/A
OPERATOR SEAT - ROTATING WITH SUSPENSION	✓
STEERING COLUMN - ADJUSTABLE	✓
HARD CANOPY WITH RAILS	✓
SOFT CANOPY WITH RAILS	N/A
EDGE CUTTER 45° (FRONT RIGHT)	✓
EDGE CUTTER 60° (FRONT RIGHT)	N/A
EDGE CUTTER 45° (FRONT RIGHT/FRONT LEFT)	N/A
EDGE CUTTER 60° (FRONT RIGHT/FRONT LEFT)	N/A
WARNING BEACON	✓
COMPACTION METER	✓
ACEFORCE - COMPACTION MEASURING SYSTEM	N/A
INFRARED THERMOMETER	✓
VIBRATION - HIGH FREQUENCY	N/A
CE CONFORMITY	N/A
CAB WITH ROPS	N/A
REGISTRATION PLATE HOLDER	Standard
SLOW MOVING VEHICLE TRIANGLE	N/A
AIR CONDITION	N/A
SUN PROTECTIVE FILM ON CAB GLASS	N/A
RADIO PREPARATION	N/A
RADIO FM	N/A
WORKING LIGHTS	N/A
NIGHT LIGHTS	N/A
ENGINE SAFETY SCREENS	N/A
TILTABLE SCRAPERS	N/A
BACK-UP ALARM	Standard
SEAT BELT 3"	N/A
TELEMATICS SYSTEM PREPARATION	N/A
TELEMATICS SYSTEM SERVICE LINK (3 YEARS)	N/A
OSCILLATION DRUM	N/A
DRUM STEPS FOLDABLE FRONT/REAR	N/A
CHIP SPREADER AMMANN	N/A
PLUG 12V	N/A
ADDITIONAL MIRRORS REAR	N/A
OVERSEAS SHIPPING PREPARATION	✓
CERTIFICATE OF ORIGIN	✓
FIRE EXTINGUISHER	✓
ADDITIONAL DOCUMENTATION PRINTED	✓
HYDRAULIC OIL BIODEGRADABLE	✓
SERVICE KIT FOR THE FIRST 500H	✓
TOOLSET	✓
COLOR SCHEME CUSTOMER	✓

✓ = AVAILABLE AS OPTION
 N/A = NOT AVAILABLE AS OPTION

	ARX 90 (K)	ARX 110 (K)
OPEN PLATFORM	N/A	N/A
OPEN PLATFORM WITH ROPS AND HARD CANOPY	Standard	Standard
OPERATOR SEAT - ROTATING WITH SUSPENSION	Standard	Standard
STEERING COLUMN - ADJUSTABLE	Standard	Standard
HARD CANOPY WITH RAILS	N/A	N/A
SOFT CANOPY WITH RAILS	N/A	N/A
EDGE CUTTER 45° (FRONT RIGHT)	✓	✓
EDGE CUTTER 60° (FRONT RIGHT)	✓	✓
EDGE CUTTER 45° (FRONT RIGHT/FRONT LEFT)	✓	✓
EDGE CUTTER 60° (FRONT RIGHT/FRONT LEFT)	✓	✓
WARNING BEACON	✓	✓
COMPACTION METER	N/A	N/A
ACEFORCE - COMPACTION MEASURING SYSTEM	✓	✓
INFRARED THERMOMETER	✓	✓
VIBRATION - HIGH FREQUENCY	✓	✓
CE CONFORMITY	Standard	Standard
CAB WITH ROPS	✓	✓
REGISTRATION PLATE HOLDER	✓	✓
SLOW MOVING VEHICLE TRIANGLE	✓	✓
AIR CONDITION	✓	✓
SUN PROTECTIVE FILM ON CAB GLASS	✓	✓
RADIO PREPARATION	Standard	Standard
RADIO FM	✓	✓
WORKING LIGHTS	✓	✓
NIGHT LIGHTS	✓	✓
ENGINE SAFETY SCREENS	✓	✓
TILTABLE SCRAPERS	Standard	Standard
BACK-UP ALARM	✓	✓
SEAT BELT 3"	✓	✓
TELEMATICS SYSTEM PREPARATION	✓	✓
TELEMATICS SYSTEM SERVICE LINK (3 YEARS)	✓	✓
OSCILLATION DRUM	✓	✓
DRUM STEPS FOLDABLE FRONT/REAR	✓	✓
CHIP SPREADER AMMANN	✓	✓
PLUG 12V	✓	✓
ADDITIONAL MIRRORS REAR	✓	✓
OVERSEAS SHIPPING PREPARATION	✓	✓
CERTIFICATE OF ORIGIN	✓	✓
FIRE EXTINGUISHER	✓	✓
ADDITIONAL DOCUMENTATION PRINTED	✓	✓
HYDRAULIC OIL BIODEGRADABLE	✓	✓
SERVICE KIT FOR THE FIRST 500H	✓	✓
TOOLSET	✓	✓
COLOR SCHEME CUSTOMER	✓	✓



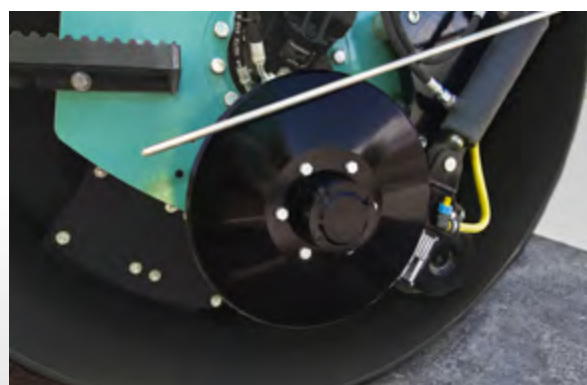
COMBINATION VERSION

The combination roller connects the front drum's vibratory technology with the massaging effect of the rear tyres. Two independent sprinkling systems process varied fluids for drums, tyres and thermal aprons (ARX 90K, ARX 110K).



CHIP SPREADER

The chip spreader protects roads and improves safety. The machine is compatible with a wide variety of materials.



EDGE CUTTER

The edge cutter is an extremely effective tool for finishing the edges of asphalt layers. Ammann offers the cutting disc and compacting disc as standard.

SERVICE

A NETWORK TO SUPPORT YOU

No matter where you are, Ammann-trained technicians and parts are nearby. Ammann dealers provide well-trained service technicians who can help you, whether it's an emergency or time for preventive maintenance. The vast Ammann network ensures there is a nearby technician who understands your language and your technical needs. Parts availability and ease of ordering are always Ammann priorities.

HOTLINE SUPPORT

Ammann experts are ready to answer your technical questions 24 hours a day, seven days a week. The hotline team is highly trained and experienced. Representatives can talk you through the challenges – in various languages – to help keep your machine productive.

SERVICE APP

The service app for Ammann machines impresses machine operators who are already benefiting from the advantages of the free application. The easy-to-use app provides machine operators working on site quick and uncomplicated access to machine documentation.

SERVICE VIDEOS

Sometimes a video tells the story best. That's why you'll find a variety of service videos that walk you through service and maintenance processes.

QR CODE

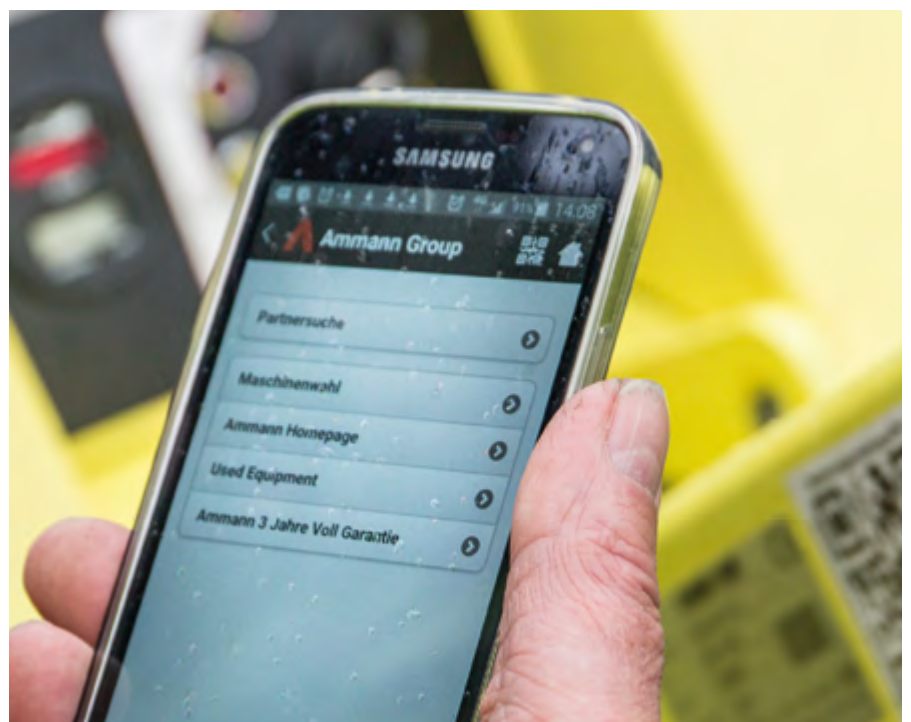
Many maintenance kits feature QR codes that link to videos with helpful demonstrations that walk you or your technician through the process. The videos tell the story without dialogue so customers anywhere in the world can understand.



APPLE STORE



ANDROID STORE



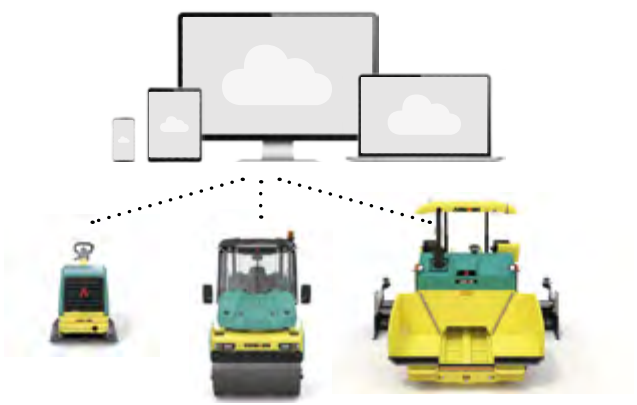


DELIVERING THE DATA THAT MATTERS

SERVICELINK

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.

Manage your equipment – anytime, anywhere – with Ammann ServiceLink. This comprehensive fleet system provides key data for light compaction equipment, heavy compaction machines and asphalt pavers. You can choose which machines to track.




HIGHLIGHTS


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

DOWNLOAD THE MOBILE APP OR USE THE DESKTOP APPLICATION

- ServiceLink Mobile App
Manage your equipment – anytime and anywhere.
- ServiceLink Web Portal
Organize and manage multiple construction sites in the workplace.



App Store



Google Play

Go to MyAmmann.com for Ammann ServiceLink Web Portal

TRAINING

ENHANCE YOUR PERFORMANCE

If Ammann machine training was summarised in a single word, it might well be “comprehensive.” The training includes multiple expertise levels and modules to benefit all skill levels.

TRAINING WORLDWIDE

Ammann product and application experts are ready to provide the training you need, no matter where you are. The global nature of Ammann ensures an expert is always near you – ready to offer instruction that ranges from the basics to the specifics relevant to your geographic area. The training can take place at an Ammann facility, your business – or even on a jobsite.

KEY TEACHING THEMES CONNECT ALL EFFORTS, NO MATTER WHERE THEY OCCUR

A good balance. Training often combines a traditional classroom setting with hands-on machine experience. Ammann application experts also can offer instruction on your jobsite.

Training typically includes students from other industry businesses. Participants say conversations with their peers – and learning how they overcome challenges – are other key benefits.

Learn in your language. Lessons are taught in many languages, ensuring your team understands key terms and lessons and makes the most of your training investment.



SPARE PARTS

You can only earn money when your equipment is working. That's why Ammann does everything possible to ensure you have the parts where and when you need them. Those efforts include easy online ordering to avoid confusion and enable tracking, and efficient logistics and availability to help parts reach you quickly.



WEARING KITS

Some machines handle abrasive materials in demanding applications. While wear is inevitable, downtime can be limited. Wearing kits make replacement of these parts efficient and cost-effective. All the necessary parts – big and small – are in a single box to keep you organised and efficient and to ensure the machines are quickly back up and running.

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.

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.

BROCHURE WITH ALL KITS

We have a prospect with all kits, and their part numbers are available for you. Just contact your parts consultant and have a digital or hardcopy sent to you.



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

