AMMANN

LIGHT COMPACTION

LIGHT COMPACTION EQUIPMENT
FOR NORTH AMERICA

150
Years of
Innovation
Since 1869

AMMANN GROUP WORLDWIDE

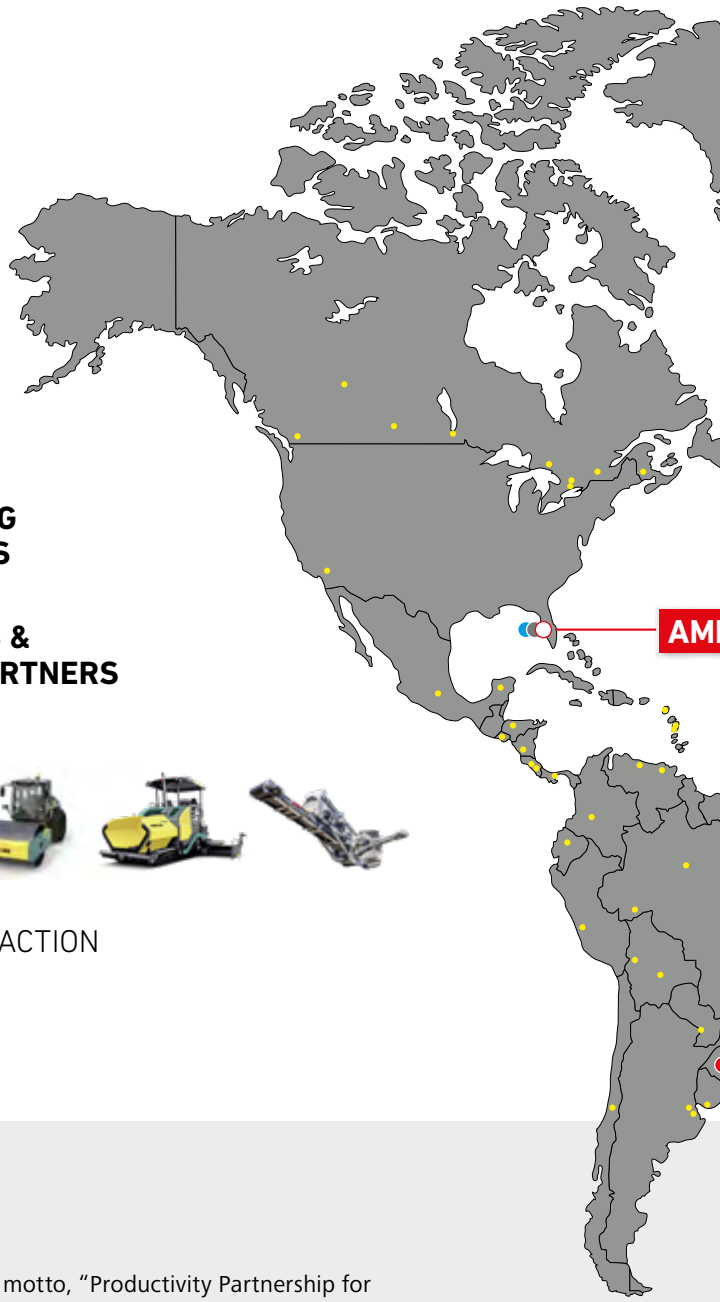
20 REGIONAL HUBS & SUBSIDIARIES

9 MANUFACTURING FACILITIES & CENTRE OF COMPETENCE

14 TRAINING CENTRES

12 WAREHOUSES

200+ AGENCIES & SALES PARTNERS



PLANTS

ASPHALT-MIXING PLANTS
CONCRETE-MIXING PLANTS

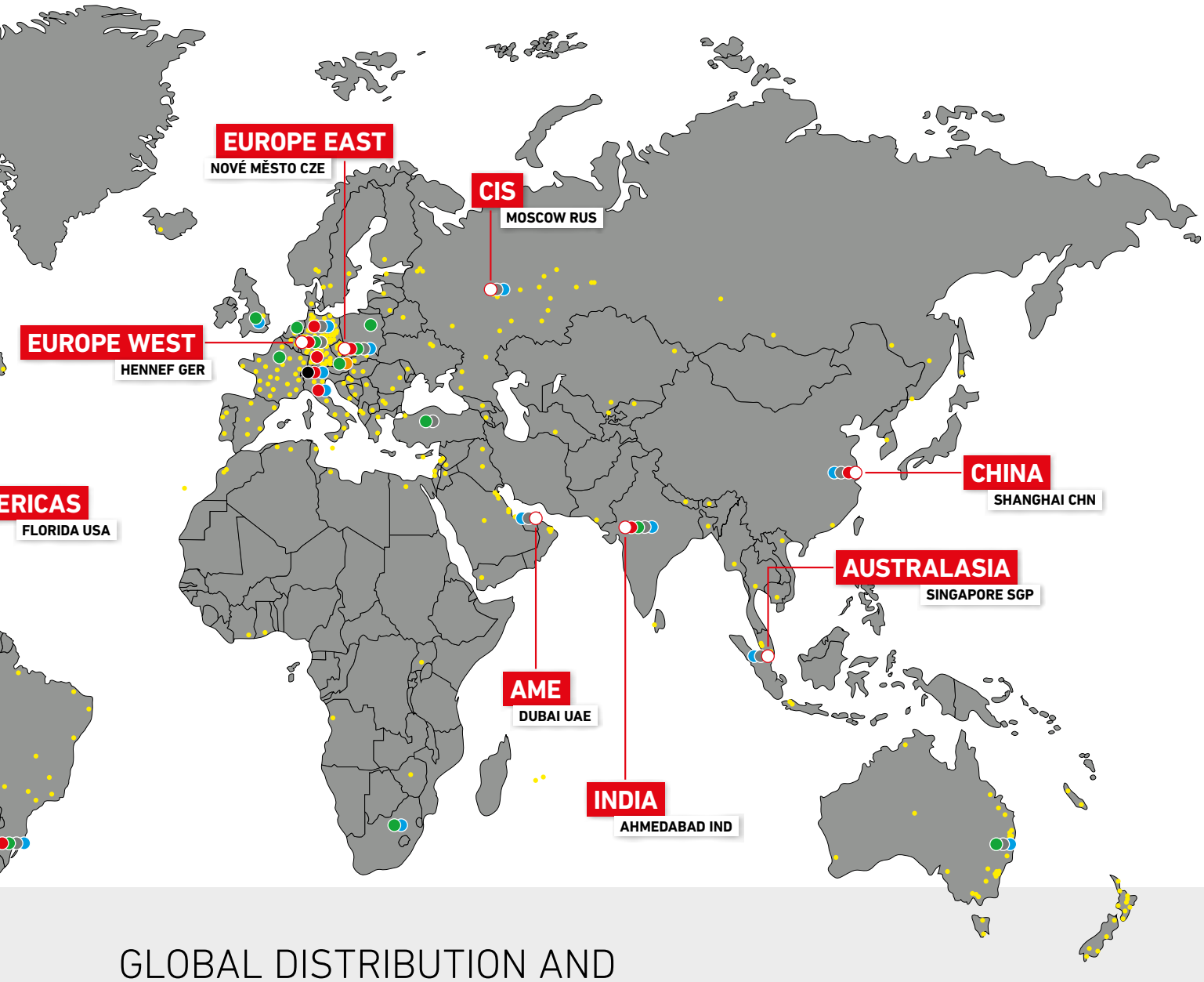
MACHINES

LIGHT COMPACTION
SOIL & ASPHALT COMPACTION
ASPHALT PAVERS
ASPHALT RECYCLING

AN INNOVATIVE FAMILY FIRM

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. 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. We are aware that plants and machines that prove their merits day after day under tough operating conditions are the only way to give our customers the critical, competitive edge they need. As you would expect, we provide a well-developed service network and reliable supply of spare parts, together with support throughout the lifetimes of the plants and machines that we offer.



GLOBAL DISTRIBUTION AND SERVICE NETWORK

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

LIGHT EQUIPMENT

There is Ammann light compaction equipment for your most open – and tightest – jobsites. Regardless of the Ammann compaction tool utilised, you'll find compaction power built into an efficiently sized, easy-to-operate machine.

ATR RAMMERS

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

APF VIBRATORY PLATES

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

APR VIBRATORY PLATES

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

APH VIBRATORY PLATES

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

ARW
WALK-BEHIND ROLLER

ARW 65

ARX LIGHT
TANDEM ROLLERS

ARX SERIES 1

ARX 12 ARX 16 ARX 16C ARX 20

ARX SERIES 2-2

ARX 23-2 ARX 23-2C ARX 26-2 ARX 26-2C

ARX SERIES 4-2

ARX 36-2 ARX 40-2 ARX 40-2C ARX 45-2 ARX 45-2C

APA ADD-ON COMPACTORS

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

ARR TRENCH ROLLERS

ARR 1575 ARR 1585

APPLICATIONS

√ = SUITABLE
o = SUITABLE WITH RESTRICTIONS
– = NOT SUITABLE

MACHINE MODEL	THICK PAVEMENT BLOCKS > 3.9 in 10 cm	SMALL PAVEMENT BLOCKS < 3.9 in 10 cm	ASPHALT WITH WATER SPRINKLER SYSTEM	SAND / GRAVEL	MIXED SOIL	COHESIVE SOIL	HUMID SOIL	ROCKFILL
ATR 30	–	–	–	7.9 in 20 cm	7.9 in 20 cm	9.8 in 25 cm	7.9 in 20 cm	–
ATR 60 C	–	–	–	17.7 in 45 cm	17.7 in 45 cm	21.6 in 55 cm	19.7 in 50 cm	–
ATR 60 P	–	–	–	17.7 in 45 cm	17.7 in 45 cm	21.6 in 55 cm	19.7 in 50 cm	–
ATR 68 C	–	–	–	17.7 in 45 cm	17.7 in 45 cm	21.6 in 55 cm	19.7 in 50 cm	–
ATR 68 P	–	–	–	17.7 in 45 cm	17.7 in 45 cm	21.6 in 55 cm	19.7 in 50 cm	–
APF 10/33	–	√	√	3.9 in 10 cm	3.9 in 10 cm	o	o	–
APF 12/33	–	√	√	7.9 in 20 cm	5.9 in 15 cm	o	o	–
APF 12/40	–	√	√	7.9 in 20 cm	5.9 in 15 cm	o	o	–
APF 15/40	–	√	√	7.9 in 20 cm	5.9 in 15 cm	o	o	–
APF 15/50	–	√	√	5.9 in 15 cm	3.9 in 10 cm	o	o	–
APF 20/50	–	√	√	9.8 in 25 cm	7.9 in 20 cm	o	o	–
APR 22/40	–	√	o	11.8 in 30 cm	9.8 in 25 cm	o	o	–
APR 30/50	o	√	√	13.8 in 35 cm	11.8 in 30 cm	o	o	–
APR 30/60	√	√	o	15.7 in 40 cm	13.8 in 35 cm	o	o	3.9 in 10 cm
APR 40/60	√	√	o	17.7 in 45 cm	15.7 in 40 cm	o	7.9 in 20 cm	5.9 in 15 cm
APR 49/20	√	√	o	19.7 in 50 cm	17.7 in 45 cm	7.9 in 20 cm	11.8 in 30 cm	7.9 in 20 cm
APR 59/20	√	o	o	21.6 in 55 cm	19.7 in 50 cm	9.8 in 25 cm	15.7 in 40 cm	9.8 in 25 cm
APH 60/85	√	o	o	23.6 in 60 cm	17.7 in 45 cm	7.9 in 20 cm	15.7 in 40 cm	7.9 in 20 cm
APH 65/85	√	–	o	21.6 in 55 cm	23.6 in 60 cm	13.8 in 35 cm	19.7 in 50 cm	11.8 in 30 cm
APH 85/95	√	–	o	19.7 in 50 cm	25.6 in 65 cm	15.7 in 40 cm	19.7 in 50 cm	11.8 in 30 cm
APH 110-95	√	–	o	25.6 in 65 cm	31. in 80 cm	21.6 in 55 cm	25.6 in 65 cm	15.7 in 40 cm
ARW 65	–	–	√	7.9 in 20 cm	5.9 in 15 cm	–	–	–
APA 20/30	o	o	–	13.8 in 35 cm	11.8 in 30 cm	15.7 in 40 cm	15.7 in 40 cm	o
APA 20/40	o	o	–	11.8 in 30 cm	9.8 in 25 cm	13.8 in 35 cm	13.8 in 35 cm	o
APA 55/46	o	o	–	21.6 in 55 cm	23.6 in 60 cm	25.6 in 65 cm	23.6 in 60 cm	o
APA 55/56	o	o	–	19.7 in 50 cm	21.6 in 55 cm	23.6 in 60 cm	21.6 in 55 cm	o
APA 75/74 2M	o	–	–	23.6 in 60 cm	25.6 in 65 cm	25.6 in 65 cm	25.6 in 65 cm	o
APA 100/88	o	–	–	31.5 in 80 cm	31.4 in 90 cm	39.4 in 100 cm	31.4 in 90 cm	o
APA 100/88 2M	o	–	–	33.5 in 85 cm	31.4 in 90 cm	39.4 in 100 cm	31.4 in 90 cm	o
ARR 1575	–	–	–	9.8 in 25 cm	9.8 in 25 cm	7.9 in 20 cm	7.9 in 20 cm	–
ARR 1585	–	–	–	9.8 in 25 cm	9.8 in 25 cm	7.9 in 20 cm	7.9 in 20 cm	–

Figures in cm represent theoritical compaction depth under ideal soil conditions (compaction capacities differ due to unpredictible soil conditions).

THICK PAVEMENT BLOCKS
WITH VULCOLLAN MAT

SMALL PAVEMENT BLOCKS
WITH VULCOLLAN MAT

ASPHALT
RECOMMENDABLE WITH
WATER SPRINKLER SYSTEM

SAND / GRAVEL
MIXED SOIL

COHESIVE SOIL
HUMID SOIL
ROCKFILL

COHESIVE SOIL
HUMID SOIL

ATR 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 for contractors and rental agencies.

The rammers also are so easy to use that operators of all experience levels are able to perform productively. They are more comfortable, too, because of the reduced-vibration handle. That lessens fatigue and ultimately proves to be another productivity booster.

APPLICATIONS

- Trench compaction
- Back filling
- Pipe work
- Foundation work
- Patch work on roads
- Confined areas

PRODUCTIVITY

Precise weight balance
Easy machine guidance during operation.

High compaction power
Ensures compaction under difficult conditions and when working on challenging materials.

Varied and powerfull engines
Both petrol and diesel engines are available.

Multiple shoe choices
Varied rammer shoes provide a match for every application.

Premium and Classic lines
Customer chooses the best fit.

ERGONOMICS

Low hand-arm vibration values
The operator is protected against hand-arm vibration syndrome, previously known as vibration "white finger," even during long periods of use.

Open guide handle
Clear view of the base plate during operation; can operate from all sides.

Height-adjustable machine and handle
Guide pipe and guide handle can be adjused for comfortable operation.

SERVICEABILITY

Long service life
Reduced maintenance and ownership costs.

Tool-free daily inspection
Daily maintenance possible without any tools.

Robust design
Protective casing and high-quality components extend machine life.

"Ammann ATR / ACR Rammers are easy to operate, regardless of the experience level of the operator."

	ATR 30	ATR 60 C	ATR 60 P	ATR 68 C	ATR 68 P
MACHINE WEIGHT	62 / 64 lb 28 / 29 kg	137 lb 62 kg	137 lb 62 kg	150 lb 68 kg	150 lb 68 kg
FOOT WIDTH	3 / 5 in 80 / 130 mm	11 in 280 mm	11 in 280 mm	11 in 280 mm	11 in 280 mm
MAX. CENTRIFUGAL FORCE	450 lbf 2 kN	2585 lbf 11.5 kN	2585 lbf 11.5 kN	2923 lbf 13 kN	2923 lbf 13 kN

"With it's wide range of vibratory plates Ammann offers the perfect plate for every application."

VIBRATORY PLATES

VIBRATORY PLATE FOR EVERY APPLICATION

Ammann Vibratory Plate Compactors are ready for any situation. The product line ranges from a light 119 lb (54 kg) to a much heavier 1819 lb (825 kg) – with many models in between.

All Ammann plates are easy to operate, making them ideal for rental fleets. They also are versatile, with an ability to easily adjust to varied applications. Many are available with diesel or petrol engines. When it comes to production, some of these machines move as quickly as soil compactors. They are high-climbers, too, with various models performing on grades as steep as 30 per cent.

APPLICATIONS

- Compaction in confined areas
- Earthwork
- Asphalt and paving
- Light to medium patchwork
- Pipeline and trench construction
- Landscaping and gardening

AMMANN VIBRATORY PLATE COMPACTORS ARE DEVIDED INTO THREE CATEGORIES

APF-SERIES
FORWARD MOVING
VIBRATORY PLATES

APR-SERIES
REVERSIBLE
VIBRATORY PLATES

APH-SERIES
FULLY HYDROSTATIC
REVERSIBLE VIBRATORY PLATES

VERSATILITY FOR THE RENTAL MARKET

Ammann Vibratory Plates provide a great range of weights and varied vibratory features to match many applications. The compact machine dimensions and easy upkeep make it ideal for rental companies as well as contractors and landscapers.

THE HANDLE

The standard guide handle is vibration isolated to reduce stress on the operator. It also is foldable and removable, a crucial feature when working in confined areas or during transport.

CONTROL

The vibratory plates have different exciter systems but a common thread runs through all: easy operator control. That includes when changing directions or working on steep grades.

APF VIBRATORY PLATES

FORWARD MOVING VIBRATORY PLATES

PRODUCTIVITY

Superior compaction output
Small machine frame and high force enable quick and complete compaction.

Balanced base plate
Asymmetric base plate for optimal weight distribution and high durability.

Unmatched speed
Superior mobility and high working speed.

Applications
The compactor combines a unique machine concept with an ability to perform in varied applications.

ERGONOMICS

Low-vibration guide handle
Industry-leading HAV values below 2.5 m/sec^2 protect the operator and eliminate the need for time-consuming record keeping.

Convenient machine control
Ergonomically optimised for perfect machine control during the working shift.

Tool-free options
Quick and easy machine modifications for multiple applications.

Safe transport
Simple machine security and optimal safety during transport.

SERVICEABILITY

Maintenance-free exciter system
Robust design with well protected ball bearings for long, maintenance-free life.

Wear-optimised base plate
Heavy-duty base plate for extended machine life.

Protective frame and covers
Protects all key components against damage – on the jobsite or during transport.

Tool-free daily inspection
No tools are required for daily maintenance.

	APF 10/33	APF 12/33	APF 12/40
	PETROL	**PETROL**	**PETROL**
MACHINE WEIGHT	119 lb 54 kg	150 lb 68 kg	152 lb 69 kg
MACHINE WIDTH	13 in 330 mm	13 in 330 mm	15.7 in 400 mm
MAX. VIBRATION FREQUENCY	6000 vpm 100 Hz	6000 vpm 100 Hz	5880 vpm 98 Hz
MAX. CENTRIFUGAL FORCE	2360 lbf 10.5 kN	2697 lbf 12 kN	2697 lbf 12 kN

	APF 15/40	APF 15/50	APF 20/50	APF 20/50
	PETROL	**PETROL**	**PETROL**	**DIESEL**
MACHINE WEIGHT	176 lb 80 kg	185 lb 84 kg	194 lb 88 kg	234 lb 106 kg
MACHINE WIDTH	15.7 in 400 mm	19.7 in 500 mm	19.7 in 500 mm	19.7 in 500 mm
MAX. VIBRATION FREQUENCY	6000 vpm 100 Hz	6000 vpm 100 Hz	5400 vpm 90 Hz	5400 vpm 90 Hz
MAX. CENTRIFUGAL FORCE	3372 lbf 15 kN	3372 lbf 15 kN	4046 lbf 18 kN	4046 lbf 18 kN

APR VIBRATORY PLATES

REVERSIBLE VIBRATORY PLATES

PRODUCTIVITY

Superior compaction performance
Powerful vibratory system generates high compaction forces for fast, comprehensive compaction.

Unmatched speed
Balanced base plate enables superior mobility and high working speed.

Hydrostatic steering control
Provides simple control and high accuracy even in confined areas.

Applications
High-performance machine that can be used almost anywhere.

ERGONOMICS

Low-vibration guide handle
Industry-leading HAV values below 2.5 m/sec^2 protect the operator and eliminate the need for time-consuming record keeping.

Convenient guide handle
Ergonomically optimised for ideal machine control during the working shift.

Secure transport
Machine is easily secured during transport for convenience and safety.

Easy to start
Always ready for all starting procedures.

SERVICEABILITY

Toolless daily inspection
Quick and easy daily inspection.

Simplified maintenance work
Service and regular maintenance points are quick and easily accessible.

Protective frame and covers
Protects all key components against damage on the jobsite or during transport.

APR 22/40

APR 22/40

APR 30/50
APR 30/60

APR 30/50
APR 30/60

	PETROL	DIESEL	PETROL	DIESEL
MACHINE WEIGHT	220 lb 100 kg	260 lb 118 kg	439 lb 199 kg	474 lb 215 kg
MAX. WEIGHT WITH OPTIONS	238 lb 108 kg	287 lb 130 kg	472 lb 214 kg	534 lb 242 kg
MACHINE WIDTH	15.7 in 400 mm	15.7 in 400 mm	19.7 / 23.6 in 500 / 600 mm	19.7 / 23.6 in 500 / 600 mm
MAX. VIBRATION FREQUENCY	5800 vpm 98 Hz	5800 vpm 98 Hz	5400 vpm 90 Hz	5400 vpm 90 Hz
MAX. CENTRIFUGAL FORCE	5170 lbf 23 kN	5170 lbf 23 kN	7194 lbf 32 kN	7194 lbf 32 kN

APR 40/60

APR 40/60

APR 49/20

APR 59/20

	PETROL	DIESEL	DIESEL	DIESEL
MACHINE WEIGHT	560 lb 254 kg	593 lb 269 kg	935 lb 424 kg	970 lb 440 kg
MAX. WEIGHT WITH OPTIONS	–	624 lb 283 kg	–	–
MACHINE WIDTH	23.6 in 600 mm	23.6 in 600 mm	17.7 / 23.6 / 29.5 in 450 / 600 / 750 mm	17.7 / 23.6 / 29.5 in 450 / 600 / 750 mm
MAX. VIBRATION FREQUENCY	5100 vpm 85 Hz	5100 vpm 85 Hz	3900 vpm 65 Hz	3900 vpm 65 Hz
MAX. CENTRIFUGAL FORCE	9442 lbf 42 kN	9442 lbf 42 kN	11,015 lbf 49 kN	13,264 lbf 59 kN

APH VIBRATORY PLATES

FULLY HYDROSTATIC REVERSIBLE VIBRATORY PLATES

PRODUCTIVITY

Triple-shaft technology
Industry-leading gradeability and optimal operation, even on wet and cohesive substrate.

Superior compaction performance
Powerful vibratory unit that generates high compaction output for fast compaction and consistent coverage.

Fully hydraulic drive
Best-in-class machine control with high accuracy, even in confined areas.

ACE Intelligent Compaction System
Exceptional tool that delivers optimal compaction efficiency.

Extension plates
Varied extension sizes for improved machine productivity.

Applications
Versatile, high-performing machines that can be used almost anywhere.

ERGONOMICS

Low-vibration guide handle
Industry-leading HAV values below 2.5 m/sec^2 protect operator and eliminate need for time-consuming record keeping.

Convenient orbitrol control
Ergonomically optimized for perfect machine control during working shift.

Secure transport
Simple machine fixation and higher safety during transport.

Optimal visibility
Perfect all-around machine visibility.

Robust control panel
Simple and reliable control panel that enables quick assessment of machine functions.

Safety guide bar
Easily adjustable and equipped with an emergency stop function.

Easy to start
Always ready for all starting procedures.

SERVICEABILITY

Tool-free daily inspection
Daily maintenance possible without tools.

Hydraulic drive
Lower downtime than conventional mechanical drive.

Protective frame and covers
Protects all key components against damage on the jobsite or during transport.

Simplified maintenance work
Service and regular maintenance points are quick and easily accessible.

COMPACTION TECHNOLOGY

INTELLIGENT GROUND COMPACTION FOR APH VIBRATORY PLATES

COMPACTION TECHNOLOGY

The APH vibratory plates can be equipped with the well-known Ammann ACE (Ammann Compaction Expert) system, developed for larger Ammann compactors but adjusted to fit the APH line. ACE^{econ} continuously monitors compaction levels to the operator, boosting efficiencies – especially when compacting large areas. ACE^{force} monitors and can automatically adjust compaction force to provide efficiency and avoid surface damage from over-compaction of sensitive areas.

TRIPLE-SHAFT EXCITER SYSTEM

Ammann developed a triple-shaft exciter system for its APH products, the largest offered. This makes the machines easier to operate while increasing the power and compaction forces. The system keeps plate movement consistent, which in turn enables smooth travel – even through heavy, cohesive soils – and helps effortlessly overcome steep grades. APH machines even can climb while backfilling saturated areas – work that can leave competitive products at a standstill.

APH 60/85

APH 65/85

APH 85/95

APH 85/95

APH 110/95

	DIESEL	DIESEL	PETROL	DIESEL	DIESEL
MACHINE WEIGHT	1023 lb 464 kg	1067 lb 484 kg	1631 lb 740 kg	1676 lb 760 kg	1819 lb 825 kg
MACHINE WIDTH	21.7 / 27.6 / 33.5 in 550 / 700 / 850 mm	27.6 / 33.5 in 700 / 850 mm	25.6 / 31.5 / 37.4 in 650 / 800 / 950 mm	25.6 / 31.5 / 37.4 in 650 / 800 / 950 mm	25.6 / 31.5 / 37.4 in 650 / 800 / 950 mm
MAX. VIBRATION FREQUENCY	4140 vpm 69 Hz	3300 vpm 55 Hz	3120 vpm 52 Hz	3120 vpm 52 Hz	2880 vpm 48 Hz
MAX. CENTRIFUGAL FORCE	13,488 lbf 60 kN	14,612 lbf 65 kN	19,109 lbf 85 kN	19,109 lbf 85 kN	24,729 lbf 110 kN

AMMANN
ACE
APH 85/95
AMMANN
AMMANN

APA ADD-ON COMPACTORS

SMALL TO LARGE ADD-ON COMPACTORS FOR EXTRA CHALLENGING JOBS

Working on a particularly challenging compaction jobsite? It might be time for an Ammann Add-On Compactor.

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.

APPLICATIONS

- Pipeline construction
- Development areas
- Embankment and slope compaction
- Narrow work spaces, manhole compaction
- Structure backfill work
- Landfill construction
- Railroad construction

PRODUCTIVITY

High compaction power
Enables compaction of large dumping heights.

Productive on slopes and steep grades
Compacts in areas that are too steep for common compaction machines.

ACE Intelligent Compaction System
Provides continous information about compaction levels to boost efficiency.

ERGONOMICS

Quick coupling solutions
Enables faster switching between buckets and compactors.

Hazard free operation from a safe distance
Operators can compact materials without entering trenches. Machines and operators don't have to climb steep, slippery slopes.

Safe control from cab
Remote machine adjustment from the excavator cab.

SERVICEABILITY

Maintenance-free machine
No regular maintenance required.

Robust machine structure
Maximum protection of key components and hydraulic hoses.

Dual rubber buffers
More durable while eliminating vibration to other parts of the machine.

"The quick coupling system makes your machine ready for action in seconds, increasing your productivity on a daily basis."

APA 20/30

APA 20/40

APA 55/46

APA 55/56

	APA 20/30	APA 20/40	APA 55/46	APA 55/56
OPERATION WEIGHT CECE*	408 lb 185 kg	430 lb 195 kg	871 lb 395 kg	904 lb 410 kg
MACHINE WIDTH	11.8 in 300 mm	15.7 in 400 mm	18.1 in 460 mm	22 in 560 mm
MAX. VIBRATION FREQUENCY	3600 vpm 60 Hz	3600 vpm 60 Hz	2700 vpm 45 Hz	2700 vpm 45 Hz
MAX. CENTRIFUGAL FORCE	4496 lbf 20 kN	4496 lbf 20 kN	12,364 lbf 55 kN	12,364 lbf 55 kN

* with mechanical positioner

APA 75/74 2M

APA 100/88

APA 100/88 2M

	APA 75/74 2M	APA 100/88	APA 100/88 2M
OPERATION WEIGHT CECE*	1874 lb 850 kg	2348 lb 1065 kg	2348 lb 1065 kg
MACHINE WIDTH	29.1 in 740 mm	34.7 in 880 mm	34.6 in 880 mm
MAX. VIBRATION FREQUENCY	2160 / 3300 vpm 36 / 55 Hz	2160 vpm 36 Hz	2160 / 3300 vpm 36 / 55 Hz
MAX. CENTRIFUGAL FORCE	16,861 / 8992 lbf 75 / 40 kN	22,481 lbf 100 kN	22,481 / 12,364 lbf 100 / 55 kN

* with mechanical positioner

ARW 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.

The walk-behind rollers are offered with two alternative diesel engine types. Both deliver great power to the machine and fulfill global emission standards worldwide.

APPLICATIONS

- Soil and blacktop
- Repair work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

PRODUCTIVITY

Two-stage vibrator
Two different amplitude settings and powerful compaction output enable jobsite versatility.

Fully hydraulic drive
Variable speed adjustment for precise machine control.

Full side clearance
Accurate, precise control next to walls and curbs.

Integrated sprinkling system
Prevents asphalt from sticking to drums and damaging mats.

Applications
Premium machine which can be used on varied jobsites and surfaces.

ERGONOMICS

Dead man's handle
Protects operators during machine operation.

Automatic parking brake
Hydraulic parking brake prevents machine from rolling.

Limited reverse speed
Reverse speed is limited to enable safety and enhance control.

SERVICEABILITY

Drive without wear parts
Maintenance needs are greatly reduced.

Maintenance-free exciter system
Robust design with well-protected ball bearings for long, maintenance-free life.

Tool-free daily inspection
Reduction of time required for daily machine inspection.

Protective frame and covers
Protects all key components against damage on the jobsite or during transport.

"The Ammann ARW Walk-Behind Rollers bring the features oft wo separate machine in just one tool. Applications on asphalt and soil are no problem with these powerful compactors."

	ARW 65	ARW 65
	HATZ	**YANMAR**
MACHINE WEIGHT	1585 lb 719 kg	1570 lb 712 kg
DRUM WIDTH	25.6 in 650 mm	25.6 in 650 mm
MAX. VIBRATION FREQUENCY	3300 vpm 60 Hz	3300 vpm 60 Hz
MAX. CENTRIFUGAL FORCE	2473 / 4721 lbf 11 / 21 kN	2473 / 4721 lbf 11 / 21 kN

ARR TRENCH ROLLERS

Rammax invented the trench roller product more than 40 years ago, and benchmarks have always been set to improve efficiencies. Today, Ammann is the only manufacturer to still offer both articulated and skid-steered trench rollers. The longevity of the product line and the continuation of the versions prove Ammann's commitment to this market.

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

APPLICATIONS

- Pipeline construction
- Commercial, residential and industrial development
- Structure backfill work
- Confined work spaces
- Electric and cable installation
- Dumpsite and landfill jobsites

PRODUCTIVITY

High compaction output
Faster compaction of thicker layers in fewer passes.

Articulated joint with oscillation
Higher stability and increased surface coverage and quality (ARR 1575).

Skid-steer concept
Best maneuverability with 360° on-spot turning (ARR 1585).

Drum extensions
Adapt machine width to jobsite needs.

ERGONOMICS

Simple remote control
Intuitive machine control at a safe distance, even with unskilled operator.

Infra-red remote control
Highly safe; operator must have direct visibility of the machine to operate.

Solar power cells on remote control
Machine is always ready to work without additional remote control charging.

SERVICEABILITY

Design that enables daily maintenance
Easy and fast daily maintenance.

Accessible service and maintenance points
Machine serviced from ground, enabling comfort.

Maintenance-free parts
Reduced risk of machine damage.

ACE^{econ}

- Continuous compaction measurement system
- Compaction progress simply indicated via LED
- Removes guesswork from the compaction equation and avoid unnecessary passes
- Mounted on the machine
- Can measure compaction at any point on-site

"The machines perform effectively and quickly on less challenging soils, too."

	ARR 1575	ARR 1585
OPERATION WEIGHT	2950 / 3170 lb 1340 / 1440 kg	2880 / 3080 lb 1305 / 1395 kg
DRUM WIDTH	25.2 / 33.4 in 640 / 850 mm	24.8 / 33.46 in 630 / 850 mm
MAX. VIBRATION FREQUENCY	2400 vpm 40 Hz	1800 vpm 30 Hz
MAX. VIBRATION AMPLITUDE	0.024 / 0.043 in 0.6 / 1.1 mm	0.09 in 2.4 mm
MAX. CENTRIFUGAL FORCE	16,861 / 8093 lbf 75 / 36 kN	19,334 lbf 86 kN

ARX LIGHT TANDEM VIBRATORY ROLLERS

Customer input plays a crucial role in developing the features that are built into all Ammann products, including light tandem rollers. Those requests include an ability to quickly switch between in-line and off-set drum settings as jobsite conditions change. A smart compaction system and easy serviceability also fulfill customer needs.

APPLICATIONS

- Small and medium construction sites
- Jobsites with obstructions
- Road maintenance

PRODUCTIVITY

Electronic drive lever
Advanced drive control enables smooth starts and stops during machine operation.

Articulation joint with oscillation
Great manoeuvrability and constant contact with the surface are key factors in achieving high quality compaction.

Sprinkling system
Multi-level filtration system with large water tank for extended intervals between fillings.

ERGONOMICS

Operator platform design
Spacious operator platform with comfortable driver´s seat.

Simple & convenient operation control
Dashboard with clear display and intuitive machine control.

Exceptional operator visibility
Perfect all-around machine visibility to maximise safety on the jobsite.

SERVICEABILITY

Tool-free daily inspection
Quick and easy daily inspection.

Maintenance-free parts
Reduce time required for machine maintenance and prevent damage to components.

Service point locations
Service and regular maintenance points are quickly and easily accessible.

ACE[force]

This continuous compaction measurement system evaluates real material stiffness – essential information that helps eliminate passes and improve productivity.

ARX SERIES 1

ARX SERIES 2-2

ARX SERIES 4-2

	ARX 12	ARX 16	ARX 16C	ARX 20
OPERATING WEIGHT	3220 lb 1460 kg	3350 lb 1520 kg	3200 lb 1450 kg	3420 lb 1550 kg
WORKING WIDTH	32.3 in 820 mm	35.4 in 900 mm	35.4 in 900 mm	39.4 in 1000 mm
DRUM OFFSET	1.97 in 50 mm	1.97 in 50 mm	–	1.97 in 50 mm
CENTRIFUGAL FORCE	4271 / 4946 lbf 19 / 22 kN	4496 / 5171 lbf 20 / 23 kN	4496 / 5171 lbf 20 / 23 kN	4721 / 5395 lbf 21 / 24 kN
FREQUENCY	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz
AMPLITUDE	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm
ENGINE	Yanmar - 3TNV80F-SPAMM	Yanmar - 3TNV80F-SPAMM	Yanmar - 3TNV80F-SPAMM	Yanmar - 3TNV80F-SPAMM
	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V

	ARX 23-2	ARX 23-2C	ARX 26-2	ARX 26-2C
OPERATING WEIGHT	4920 lb 2230 kg	4600 lb 2085 kg	5540 lb 2515 kg	5180 lb 2350 kg
WORKING WIDTH	39.4 in 1000 mm	39.4 in 1000 mm	47.2 in 1200 mm	47.2 in 1200 mm
DRUM OFFSET	1.57 in 40 mm	–	1.57 in 40 mm	–
CENTRIFUGAL FORCE	7509 / 8970 lbf 33.4 / 39.9 kN	7509 / 8970 lbf 33.4 / 39.9 kN	8723 / 10,454 lbf 38.8 / 46.5 kN	8722 / 10,454 lbf 38.8 / 46.5 kN
FREQUENCY	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz	3480 / 3960 vpm 58 / 66 Hz
AMPLITUDE	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm	0.02 / 0.02 in 0.5 / 0.5 mm
ENGINE	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B
	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V

	ARX 36-2	ARX 40-2	ARX 40-2C	ARX 45-2	ARX 45-2C
OPERATING WEIGHT	8290 lb 3760 kg	9170 lb 4160 kg	8950 lb 4060 kg	10,340 lb 4690 kg	9520 lb 4320 kg
WORKING WIDTH	51.2 in 1300 mm	51.2 in 1300 mm	51.2 in 1300 mm	54.3 in 1380 mm	54.3 in 1380 mm
DRUM OFFSET	1.57 in 40 mm	1.57 in 40 mm	–	1.57 in 40 mm	–
CENTRIFUGAL FORCE	8835 / 11,399 / 11,668 lbf 39.3 / 50.7 / 51.9 kN	9532 / 12,095 / 12,365 lbf 42.4 / 53.8 / 55 kN	9532 / 12,095 / 12,365 lbf 42.4 / 53.8 / 55 kN	10,116 / 12,679 / 12,949 lbf 45 / 56.4 / 57.6 kN	10,116 / 12,679 / 12,949 lbf 45 / 56.4 / 57.6 kN
FREQUENCY	2460 / 3300 vpm 41 / 55 Hz	2460 / 3300 vpm 41 / 55 Hz	2460 / 3300 vpm 41 / 55 Hz	2460 / 3300 vpm 41 / 55 Hz	2460 / 3300 vpm 41 / 55 Hz
AMPLITUDE	0.024 / 0.016 in 0.6 / 0.4 mm	0.024 / 0.016 in 0.6 / 0.4 mm	0.024 / 0.016 in 0.6 / 0.4 mm	0.024 / 0.016 in 0.6 / 0.4 mm	0.024 / 0.016 in 0.6 / 0.4 mm
ENGINE	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B	Kubota - D1803-CR-E4B
	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V	US EPA Tier 4 Final EU Stage V

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.

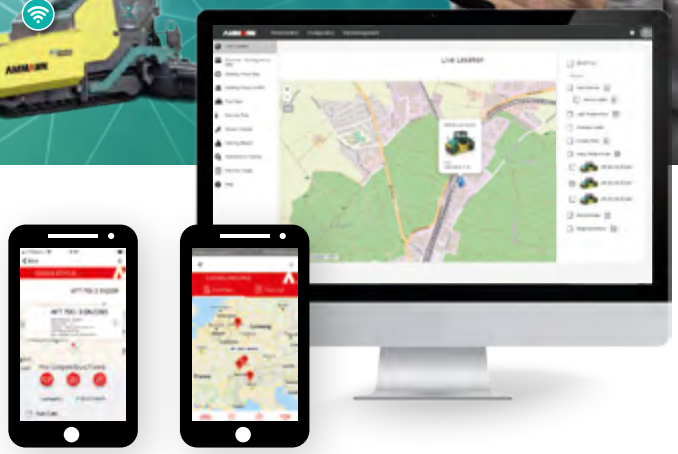
QR CODE

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.

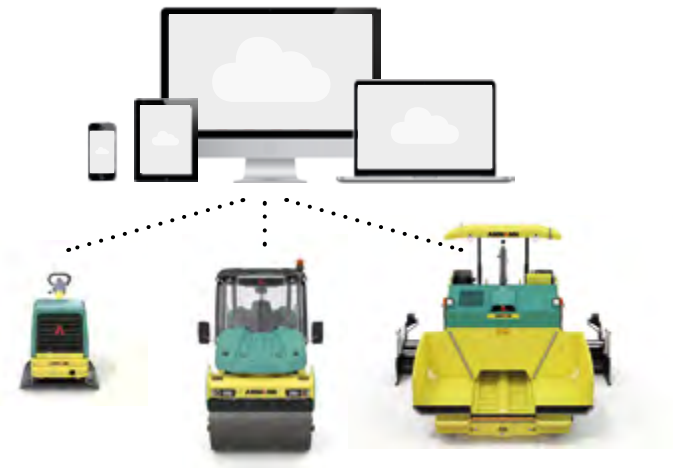
AMMANN SERVICELINK

SERVICELINK

THE DIGITAL FLEET MANAGEMENT SOLUTION



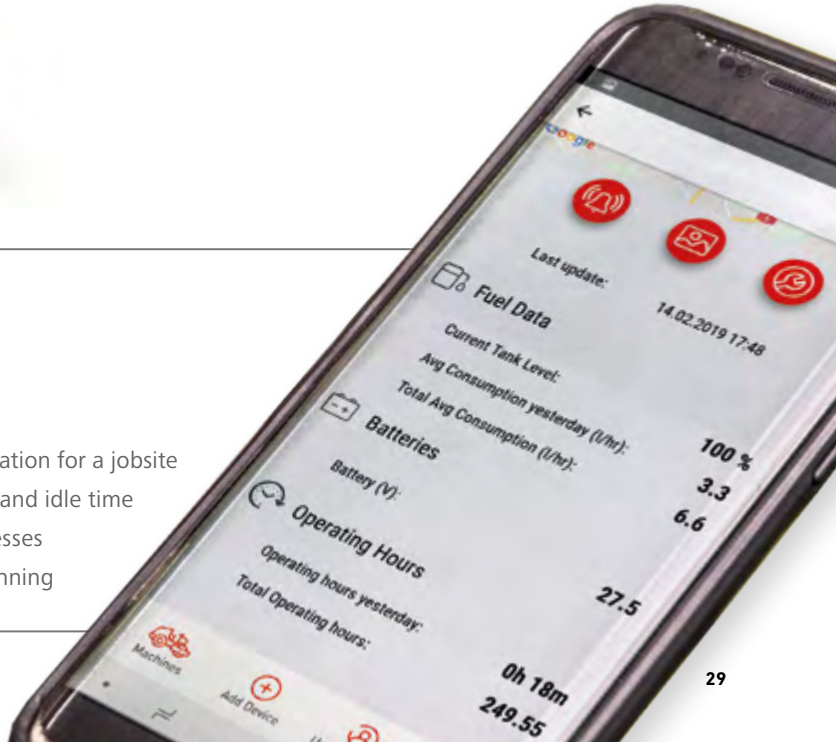
Manage your equipment – anytime, anywhere – with Ammann ServiceLink. This comprehensive fleet system provides key data for light compaction equipment, heavy compaction machines and asphalt pavers. You can choose which machines to track.



- Ammann ServiceLink utilises telematics that give you the locations of the machines, hours of usage and other essential information. You'll have access to data that will keep your machines running – and make them more productive, too.
- Ammann ServiceLink makes it easy to plan and schedule the maintenance that protects your fleet.

HIGHLIGHTS

- Easy to manage
- Light equipment does not require a machine battery
- Great for rental fleets
- GPS tracking for location, efficiency and productivity information for a jobsite
- Full machine telematics to assess machine usage, fuel burn and idle time
- Machine documentation to help analyse and improve processes
- Easy management of service intervals and maintenance planning



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.

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