

**AMMANN**

# LIGHT COMPACTION

LIGHT COMPACTION EQUIPMENT  
FOR NORTH AMERICA

**150**



**Years of  
Innovation**  
Since 1869



# AMMANN GROUP WORLDWIDE

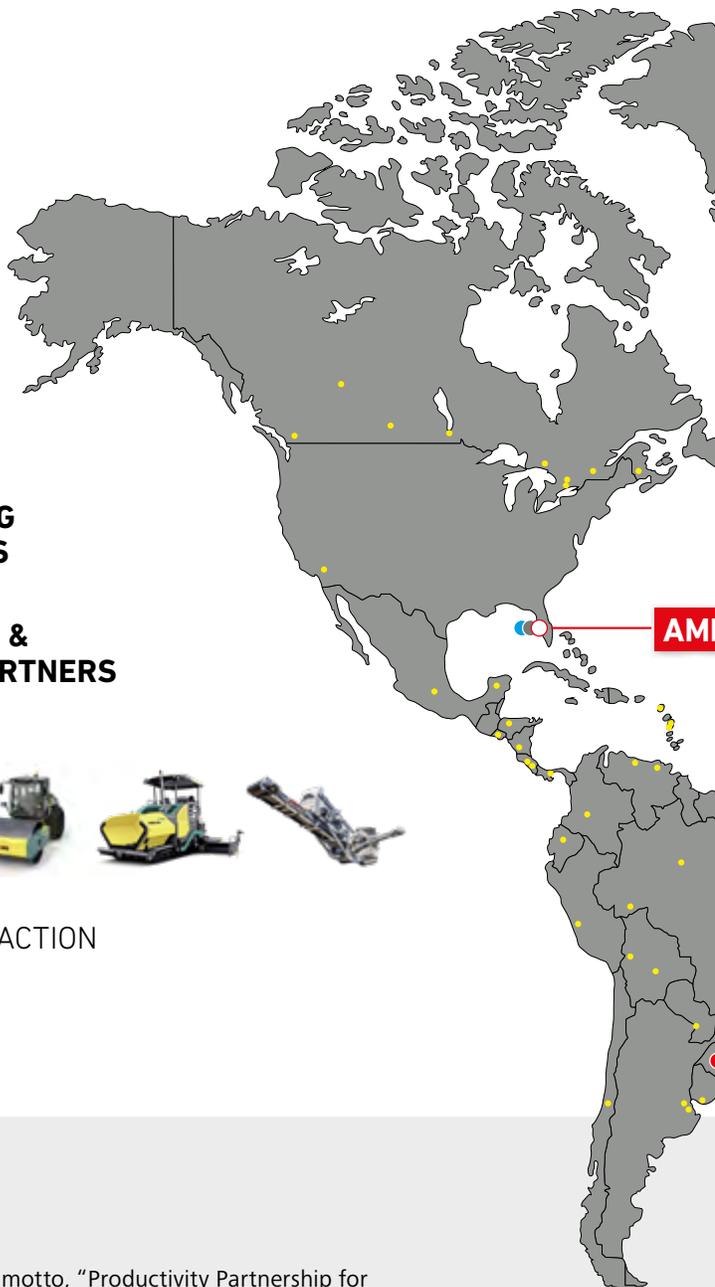
**20** REGIONAL HUBS &  
SUBSIDIARIES

**9** MANUFACTURING FACILITIES &  
CENTRE OF COMPETENCE

**14** TRAINING  
CENTRES

**12** WAREHOUSES

**200+** AGENCIES &  
SALES PARTNERS



## PLANTS



ASPHALT-MIXING PLANTS  
CONCRETE-MIXING PLANTS

## MACHINES

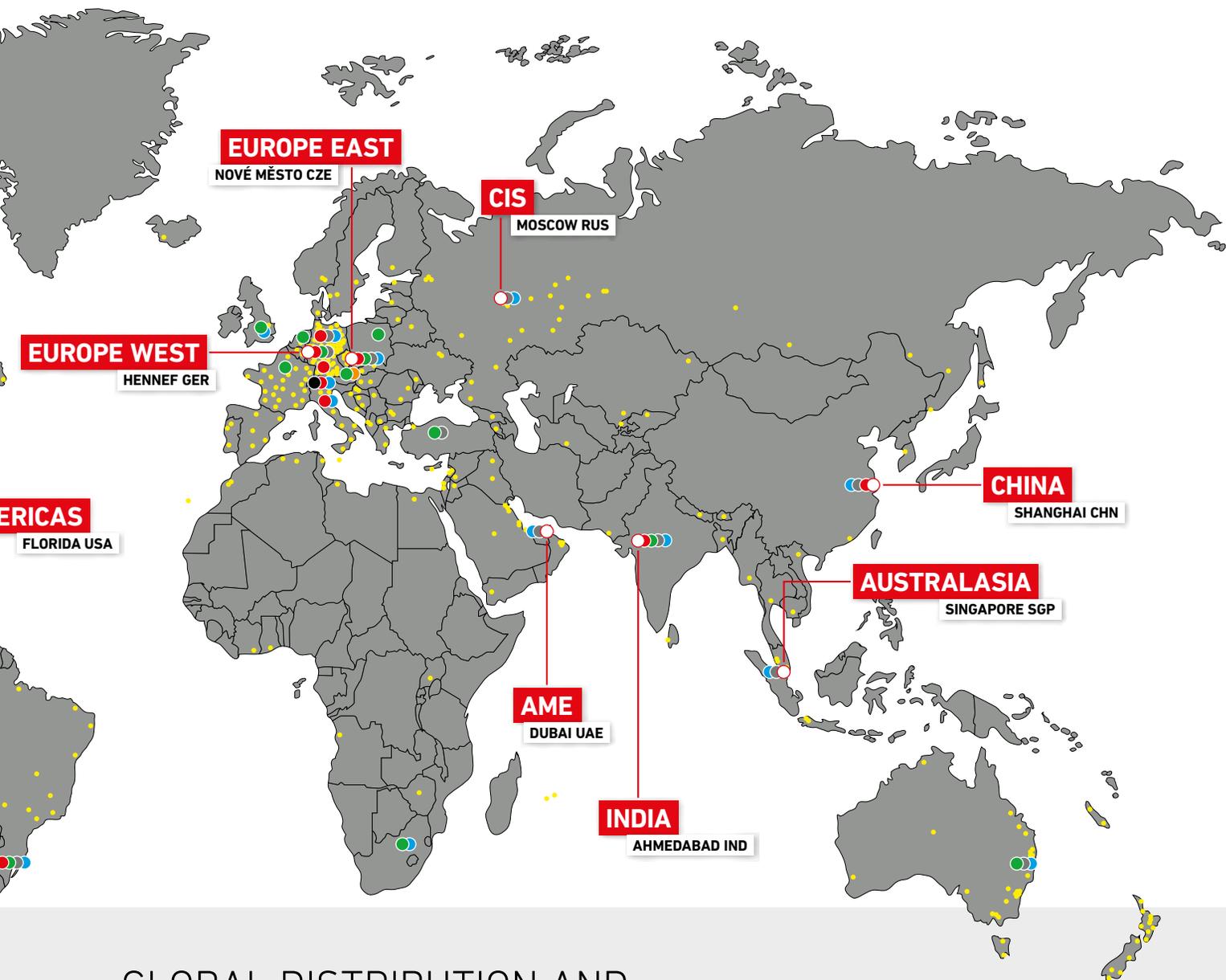


LIGHT COMPACTION  
SOIL & ASPHALT COMPACTION  
ASPHALT PAVERS  
ASPHALT RECYCLING

## 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  
 ○ = 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	○	○	-
APF 12/33	-	✓	✓	7.9 in 20 cm	5.9 in 15 cm	○	○	-
APF 12/40	-	✓	✓	7.9 in 20 cm	5.9 in 15 cm	○	○	-
APF 15/40	-	✓	✓	7.9 in 20 cm	5.9 in 15 cm	○	○	-
APF 15/50	-	✓	✓	5.9 in 15 cm	3.9 in 10 cm	○	○	-
APF 20/50	-	✓	✓	9.8 in 25 cm	7.9 in 20 cm	○	○	-
APR 22/40	-	✓	○	11.8 in 30 cm	9.8 in 25 cm	○	○	-
APR 30/50	○	✓	✓	13.8 in 35 cm	11.8 in 30 cm	○	○	-
APR 30/60	✓	✓	○	15.7 in 40 cm	13.8 in 35 cm	○	○	3.9 in 10 cm
APR 40/60	✓	✓	○	17.7 in 45 cm	15.7 in 40 cm	○	7.9 in 20 cm	5.9 in 15 cm
APR 49/20	✓	✓	○	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	✓	○	○	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	✓	○	○	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	✓	-	○	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	✓	-	○	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	✓	-	○	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	○	○	-	13.8 in 35 cm	11.8 in 30 cm	15.7 in 40 cm	15.7 in 40 cm	○
APA 20/40	○	○	-	11.8 in 30 cm	9.8 in 25 cm	13.8 in 35 cm	13.8 in 35 cm	○
APA 55/46	○	○	-	21.6 in 55 cm	23.6 in 60 cm	25.6 in 65 cm	23.6 in 60 cm	○
APA 55/56	○	○	-	19.7 in 50 cm	21.6 in 55 cm	23.6 in 60 cm	21.6 in 55 cm	○
APA 75/74 2M	○	-	-	23.6 in 60 cm	25.6 in 65 cm	25.6 in 65 cm	25.6 in 65 cm	○
APA 100/88	○	-	-	31.5 in 80 cm	31.4 in 90 cm	39.4 in 100 cm	31.4 in 90 cm	○
APA 100/88 2M	○	-	-	33.5 in 85 cm	31.4 in 90 cm	39.4 in 100 cm	31.4 in 90 cm	○
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 theoretical compaction depth under ideal soil conditions (compaction capacities differ due to unpredictable 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.

## 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 adjusted for comfortable operation.

## APPLICATIONS

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

## 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**

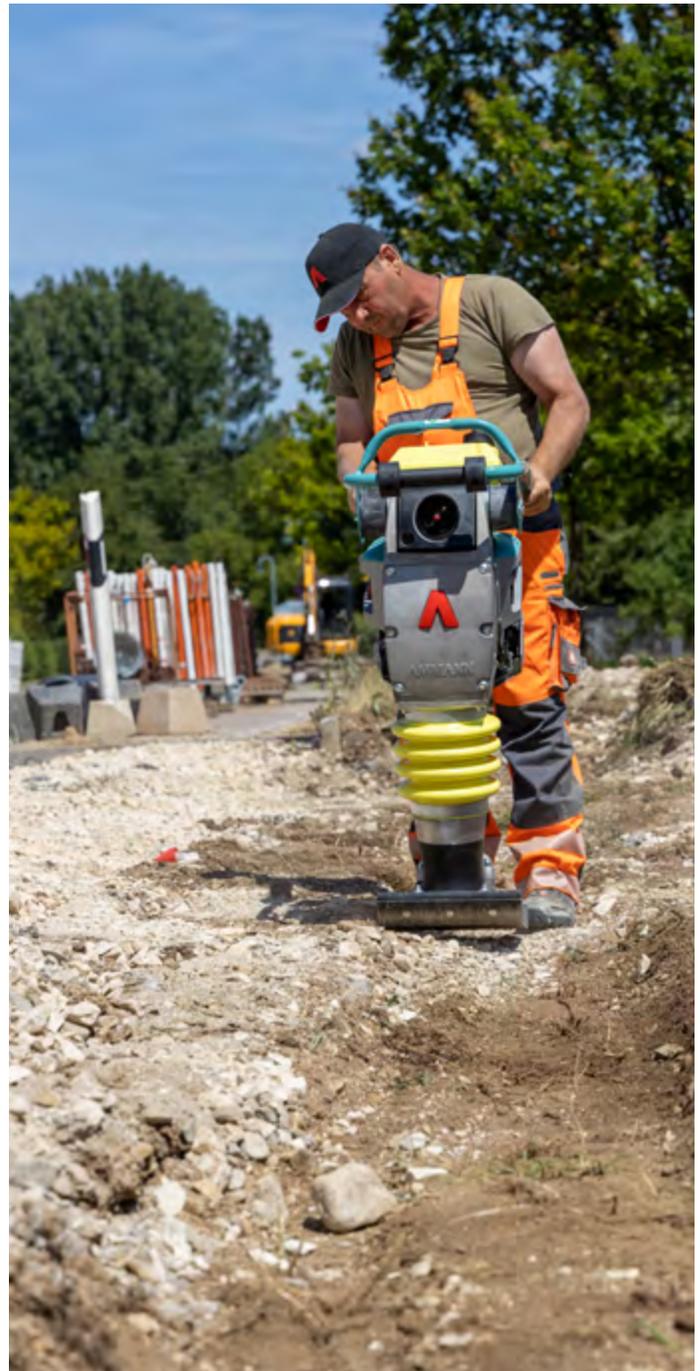


**ATR 68 C**



**ATR 68 P**

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



“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.

## 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

### APPLICATIONS

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



### 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<sup>2</sup> 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**

	<b>PETROL</b>	<b>PETROL</b>	<b>PETROL</b>
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**

	<b>PETROL</b>	<b>PETROL</b>	<b>PETROL</b>	<b>DIESEL</b>
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  $2.5 \text{ m/sec}^2$  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**

	<b>PETROL</b>	<b>DIESEL</b>	<b>PETROL</b>	<b>DIESEL</b>
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**

	<b>PETROL</b>	<b>DIESEL</b>	<b>DIESEL</b>	<b>DIESEL</b>
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<sup>2</sup> 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<sup>econ</sup> continuously monitors compaction levels to the operator, boosting efficiencies – especially when compacting large areas. ACE<sup>force</sup> 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**

	<b>DIESEL</b>	<b>DIESEL</b>	<b>PETROL</b>	<b>DIESEL</b>	<b>DIESEL</b>
<b>MACHINE WEIGHT</b>	1023 lb 464 kg	1067 lb 484 kg	1631 lb 740 kg	1676 lb 760 kg	1819 lb 825 kg
<b>MACHINE WIDTH</b>	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
<b>MAX. VIBRATION FREQUENCY</b>	4140 vpm 69 Hz	3300 vpm 55 Hz	3120 vpm 52 Hz	3120 vpm 52 Hz	2880 vpm 48 Hz
<b>MAX. CENTRIFUGAL FORCE</b>	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





# 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.

## 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 continuous 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.

## APPLICATIONS

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

“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**

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**

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.

## 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.

## APPLICATIONS

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

## 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 of two separate machines in just one tool. Applications on asphalt and soil are no problem with these powerful compactors.”





**ARW 65**



**ARW 65**

	<b>HATZ</b>	<b>YANMAR</b>
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<sup>econ</sup>



- 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	2950/3170lb 1340/1440 kg	2880/3080lb 1305/1395 kg
DRUM WIDTH	25.2/33.4in 640/850 mm	24.8/33.46in 630/850 mm
MAX. VIBRATION FREQUENCY	2400vpm 40Hz	1800vpm 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<sup>force</sup>

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			
AMPLITUDE	0.02 / 0.02 in 0.5 / 0.5 mm			
ENGINE	Yanmar - 3TNV80F-SPAMM US EPA Tier 4 Final EU Stage V	Yanmar - 3TNV80F-SPAMM US EPA Tier 4 Final EU Stage V	Yanmar - 3TNV80F-SPAMM US EPA Tier 4 Final EU Stage V	Yanmar - 3TNV80F-SPAMM 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			
AMPLITUDE	0.02 / 0.02 in 0.5 / 0.5 mm			
ENGINE	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B 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				
AMPLITUDE	0.024 / 0.016 in 0.6 / 0.4 mm				
ENGINE	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B US EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-E4B 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.

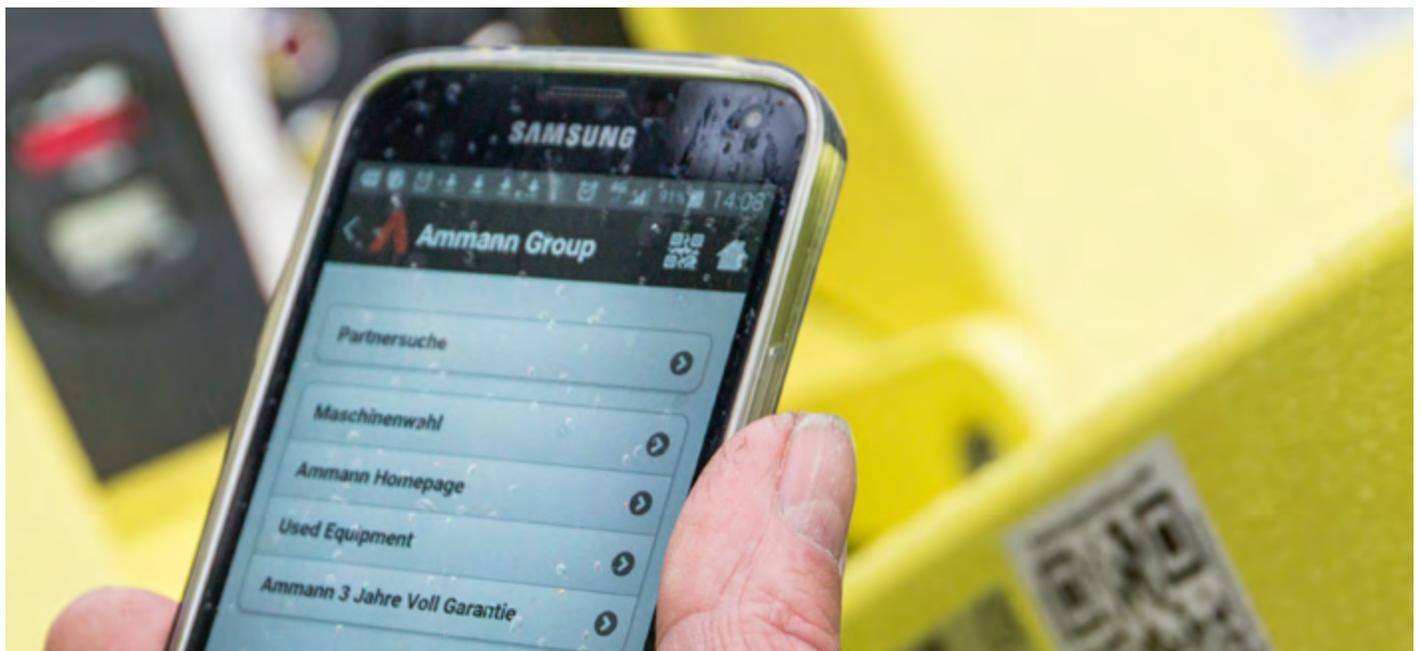
The easy-to-use app provides machine operators working on site quick and uncomplicated access to machine documentation.

### 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.

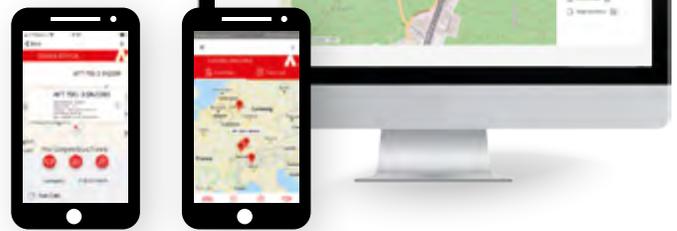


# AMMANN SERVICELINK

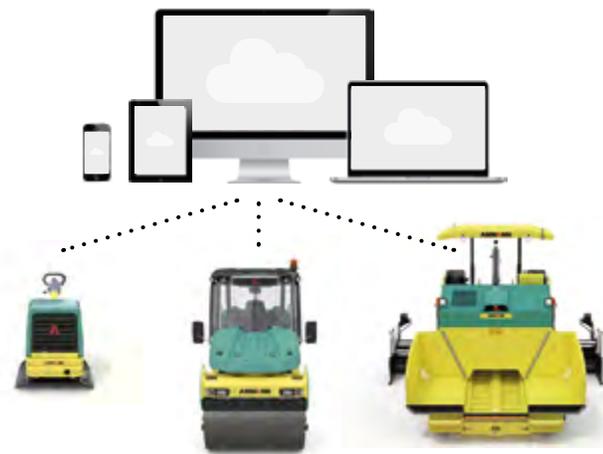


## SERVICELINK

THE DIGITAL FLEET MANAGEMENT SOLUTION



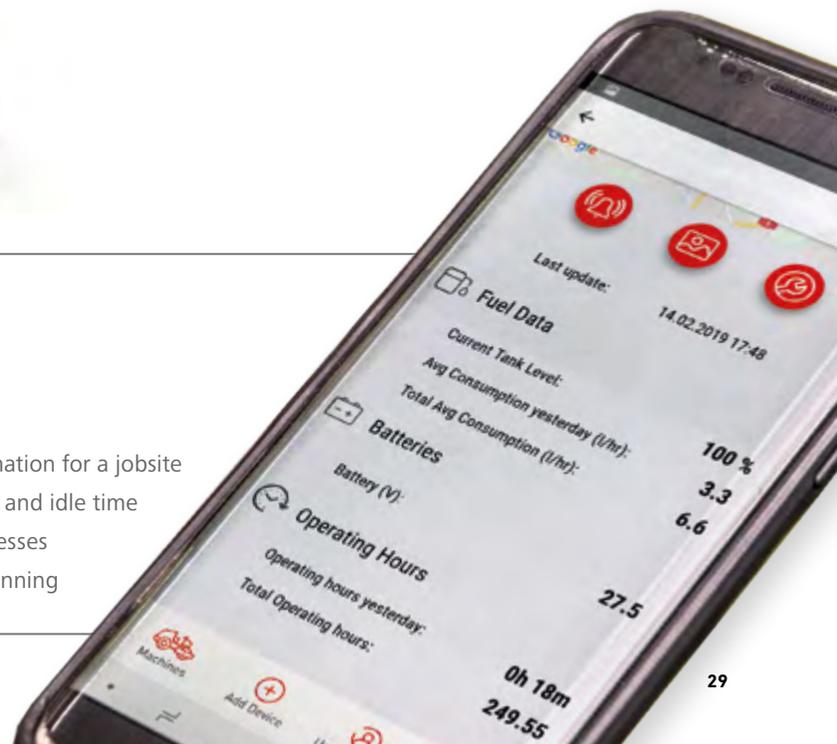
Manage your equipment – anytime, anywhere – with Ammann ServiceLink. This comprehensive fleet system provides key data for light compaction equipment, heavy compaction machines and asphalt pavers. You can choose which machines to track.



- 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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