

**AMMANN**

# **LIGHT COMPACTION**

PRODUCT RANGE



# AMMANN GROUP WORLDWIDE

NINE MANUFACTURING FACILITIES AND CENTRES OF COMPETENCE  
AND OVER 200 AGENCIES AND SALES PARTNERS



## MACHINES

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### LIGHT COMPACTION



### SOIL & ASPHALT COMPACTORS



### ASPHALT PAVERS



## PLANTS

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### CONCRETE MIXING PLANTS



### ASPHALT MIXING PLANTS





## 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.

# LIGHT EQUIPMENT

## ELIMINATE PASSES

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 / ACR RAMMERS



ATR 30 ATR 60 ATR 68 ACR 70 D



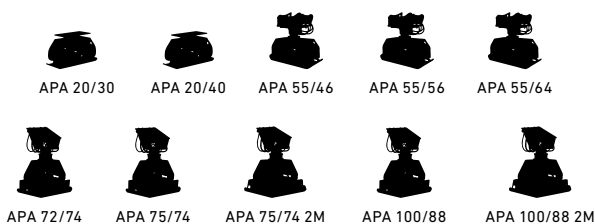
### APF VIBRATORY PLATES



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



### APA ADD-ON COMPACTORS



APA 20/30 APA 20/40 APA 55/46 APA 55/56 APA 55/64  
APA 72/74 APA 75/74 APA 75/74 2M APA 100/88 APA 100/88 2M



### ARW WALK-BEHIND ROLLER



ARW 65





## APR VIBRATORY PLATES



APR 2220



APR 2620



APR 3020



APR 3520



APR 4920



APR 5920



## APH VIBRATORY PLATES



APH 5020



APH 6020



APH 5030



APH 6530



APH 100-20



APH 110-95



APH 1000 TC



## ARR / TRENCH ROLLERS



ARR 1575



ARR 1585

# APPLICATIONS

✓ = SUITABLE  
 o = SUITABLE WITH RESTRICTIONS  
 – = NOT SUITABLE

MACHINE MODEL	THICK PAVEMENT BLOCKS > 10 cm (3.9 in)	SMALL PAVEMENT BLOCKS < 10 cm (3.9 in)	ASPHALT WITH WATER SPRINKLER SYSTEM	SAND / GRAVEL	MIXED SOIL	COHESIVE SOIL	HUMID SOIL	ROCKFILL
ATR 30	–	–	–	20 cm (7.9 in)	20 cm (7.9 in)	25 cm (9.8 in)	20 cm (7.9 in)	–
ATR 60 C	–	–	–	45 cm (17.7 in)	45 cm (17.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	–
ATR 60 P	–	–	–	45 cm (17.7 in)	45 cm (17.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	–
ATR 68 C	–	–	–	45 cm (17.7 in)	45 cm (17.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	–
ATR 68 P	–	–	–	45 cm (17.7 in)	45 cm (17.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	–
ACR 70 D	–	–	–	45 cm (17.7 in)	45 cm (17.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	–
APF 10/33	–	✓	✓	10 cm (3.9 in)	10 cm (3.9 in)	o	o	–
APF 12/33	–	✓	✓	20 cm (7.9 in)	15 cm (5.9 in)	o	o	–
APF 15/40	–	✓	✓	20 cm (7.9 in)	15 cm (5.9 in)	o	o	–
APF 15/50	–	✓	✓	15 cm (5.9 in)	10 cm (3.9 in)	o	o	–
APF 20/50	–	✓	✓	25 cm (9.8 in)	20 cm (7.9 in)	o	o	–
APR 2220	–	✓	o	30 cm (11.8 in)	25 cm (9.8 in)	o	o	–
APR 2620	o	✓	✓	35 cm (13.8 in)	30 cm (11.8 in)	o	o	–
APR 3020	✓	✓	o	40 cm (15.7 in)	35 cm (13.8 in)	o	o	10 cm (3.9 in)
APR 3520	✓	✓	o	45 cm (17.7 in)	40 cm (15.7 in)	o	20 cm (7.9 in)	15 cm (5.9 in)
APR 4920	✓	✓	o	50 cm (19.7 in)	45 cm (17.7 in)	20 cm (7.9 in)	30 cm (11.8 in)	20 cm (7.9 in)
APR 5920	✓	o	o	55 cm (21.6 in)	50 cm (19.7 in)	25 cm (9.8 in)	40 cm (15.7 in)	25 cm (9.8 in)
APH 5020	✓	✓	o	50 cm (19.7 in)	45 cm (17.7 in)	20 cm (7.9 in)	30 cm (11.8 in)	20 cm (7.9 in)
APH 6020	✓	o	o	60 cm (23.6 in)	45 cm (17.7 in)	20 cm (7.9 in)	40 cm (15.7 in)	20 cm (7.9 in)
APH 5030	✓	✓	o	50 cm (19.7 in)	45 cm (17.7 in)	25 cm (9.8 in)	30 cm (11.8 in)	20 cm (7.9 in)
APH 6530	✓	–	o	55 cm (21.6 in)	60 cm (23.6 in)	35 cm (13.8 in)	50 cm (19.7 in)	30 cm (11.8 in)
APH 100-20	✓	–	o	50 cm (19.7 in)	65 cm (25.6 in)	40 cm (15.7 in)	50 cm (19.7 in)	30 cm (11.8 in)
APH 110-95	✓	–	o	65 cm (25.6 in)	80 cm (31. in)	55 cm (21.6 in)	65 cm (25.6 in)	40 cm (15.7 in)
ARW 65	–	–	✓	20 cm (7.9 in)	15 cm (5.9 in)	–	–	–
APA 20/30	o	o	–	35 cm (13.8 in)	30 cm (11.8 in)	40 cm (15.7 in)	40 cm (15.7 in)	o
APA 20/40	o	o	–	30 cm (11.8 in)	25 cm (9.8 in)	35 cm (13.8 in)	35 cm (13.8 in)	o
APA 55/46	o	o	–	55 cm (21.6 in)	60 cm (23.6 in)	65 cm (25.6 in)	60 cm (23.6 in)	o
APA 55/56	o	o	–	50 cm (19.7 in)	55 cm (21.6 in)	60 cm (23.6 in)	55 cm (21.6 in)	o
APA 55/64	o	o	–	45 cm (17.7 in)	50 cm (19.7 in)	55 cm (21.6 in)	50 cm (19.7 in)	o
APA 72/74	o	–	–	60 cm (23.6 in)	55 cm (21.6 in)	55 cm (21.6 in)	55 cm (21.6 in)	o
APA 75/74	o	–	–	50 cm (19.7 in)	65 cm (25.6 in)	65 cm (25.6 in)	65 cm (25.6 in)	o
APA 75/74 2M	o	–	–	60 cm (23.6 in)	65 cm (25.6 in)	65 cm (25.6 in)	65 cm (25.6 in)	o
APA 100/88	o	–	–	80 cm (31.5 in)	90 cm (31.4 in)	100 cm (39.4 in)	90 cm (31.4 in)	o
APA 100/88 2M	o	–	–	85 cm (33.5 in)	90 cm (31.4 in)	100 cm (39.4 in)	90 cm (31.4 in)	o
ARR 1575	–	–	–	25 cm (9.8 in)	25 cm (9.8 in)	20 cm (7.9 in)	20 cm (7.9 in)	–
ARR 1585	–	–	–	25 cm (9.8 in)	25 cm (9.8 in)	20 cm (7.9 in)	20 cm (7.9 in)	–

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 / ACR 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

**Balanced weight distribution and good forward movement**

Machine is easy to guide.

**Large selection of rammer base plates**

Base plates available for every application.

**Long service life of engines and machines**

Machine can be used for longer.

**Low fuel requirements**

One tank lasts for up to four hours of operation.

**Flexible fuel selection is possible**

Both petrol and diesel engines can be used.

## ERGONOMICS

**Low hand-arm vibration values**

Long machine use with no risk of Raynaud's syndrome ("white finger disease").

**Open guide handle**

Clear view of the base plate at all times during operation and usable for all sides.

**Height-adjustable machine**

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

**Daily maintenance possible without tools**

Preventive maintenance to protect the machine can be carried out anywhere.

**Air filters with self-cleaning effect and optionally available cyclone pre-filter**

Long machine service life and therefore good life cycle costs.



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





**ATR 30**



**ATR 60 C**



**ATR 60 P**

MACHINE WEIGHT	28 / 29 kg (62 / 64 lb)	62 kg (137 lb)	62 kg (137 lb)
FOOT WIDTH	80 / 130 mm (3 / 5 in)	280 mm (11 in)	280 mm (11 in)
MAX. CENTRIFUGAL FORCE	2 kN (0.45 lbf)	11.5 kN (2.6 lbf)	11.5 kN (2.6 lbf)



**ATR 68 C**



**ATR 68 P**



**ACR 70 D**

MACHINE WEIGHT	68 kg (150 lb)	68 kg (150 lb)	83 kg (183 lb)
FOOT WIDTH	280 mm (11 in)	280 mm (11 in)	280 mm (11 in)
CENTRIFUGAL FORCE	13 kN (2.9 lbf)	13 kN (2.9 lbf)	16 kN (3.1 lbf)





“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 54 kg to a much heavier 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



### 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.

### APPLICATIONS

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

# APF VIBRATORY PLATES

## FORWARD MOVING VIBRATORY PLATES

### PRODUCTIVITY

#### Large exciter unit

Boosts power, speed, climbing ability and machine life.

#### Toolless mountable water tanks

Enable simple refilling.

#### Toolless mountable rubber mats

Provide quick changes when it's time for a new application.

### ERGONOMICS

#### Low HAV levels (below 2.5 m/sec<sup>2</sup>)

Protect the operator from unwanted vibration.

#### Quick and easy mounting of options (water tank, Vulcolan mat, transport wheels)

Make the most of operator and machine time.

#### Machine frame that enables secure grip

Helps the operator control the machine, even in difficult spaces and confined areas.

### SERVICEABILITY

#### Maintenance-free exciter system

Reduces wear and maintenance costs.

#### Full engine frame

Protects against damage on the jobsite or during transport.

#### Toolless daily maintenance

Fast and convenient for optimal uptime.







**APF 10/33**



**APF 12/33**



**APF 15/40**



**APF 15/50**

	PETROL	PETROL	PETROL	PETROL
MACHINE WEIGHT	54 kg (119 lb)	68 kg (150 lb)	80 kg (176 lb)	84 kg (185 lb)
MACHINE WIDTH	330 mm (13 in)	330 mm (13 in)	400 mm (15.7 in)	500 mm (19.7 in)
MAX. VIBRATION FREQUENCY	100 Hz (6000 vpm)	100 Hz (6000 vpm)	100 Hz (6000 vpm)	100 Hz (6000 vpm)
MAX. CENTRIFUGAL FORCE	10.5 kN (2.3 lbf)	12 kN (2.7 lbf)	15 kN (3.4 lbf)	15 kN (3.4 lbf)



**APF 20/50**



**APF 20/50**

	PETROL	DIESEL
MACHINE WEIGHT	88 kg (194 lb)	106 kg (234 lb)
MACHINE WIDTH	500 mm (19.7 in)	500 mm (19.7 in)
MAX. VIBRATION FREQUENCY	90 Hz (5400 vpm)	90 Hz (5400 vpm)
MAX. CENTRIFUGAL FORCE	20 kN (4.5 lbf)	20 kN (4.5 lbf)





# APR VIBRATORY PLATES

## REVERSIBLE VIBRATORY PLATES

### PRODUCTIVITY

#### Powerful machines

High compaction forces deliver the best compaction results.

#### Optimised base plate

Guarantees fast forward travel and outstanding gradeability on any surface.

#### Hydraulic forward and reverse drive

Provides simple and precise machine control even in confined spaces.

#### Optional Vulkollan mat

For careful work on paving blocks.

### ERGONOMICS

#### Low-vibration guide handle

Low HAV values protect the operator

#### Open guide handle

Prevents the machine from being damaged by incorrect lifting.

#### Central single-point suspension

A central balanced suspension point ensures safe and simple transportation.

### SERVICEABILITY

#### Low-wear exciter unit

Longer service intervals and lower maintenance costs.

#### Simplified maintenance work

Daily maintenance work does not require special tools.

#### Water separator

Indicator for poor fuel quality.







**APR 2220**



**APR 2220**



**APR 2620**

	PETROL	DIESEL	DIESEL
MACHINE WEIGHT	100 kg (220 lb)	121 / 128 kg (266 / 282 lb)	130 / 135 kg (287 / 298 lb)
MACHINE WIDTH	400 mm (15.7 in)	400 mm (15.7 in)	380 / 500 mm (15.9 / 19.7 in)
MAX. VIBRATION FREQUENCY	98 Hz (5800 vpm)	98 Hz (5800 vpm)	95 Hz (5700 vpm)
MAX. CENTRIFUGAL FORCE	22 kN (4.9 lbf)	22 kN (4.9 lbf)	24 kN (5.4 lbf)



**APR 3020**



**APR 3020**



**APR 3520**



**APR 3520**

	PETROL	DIESEL	PETROL	DIESEL
MACHINE WEIGHT	200 / 203 kg (440 / 446 lb)	213 / 217 kg (468 / 477 lb)	263 kg (578 lb)	271 kg (596 lb)
MACHINE WIDTH	500 / 600 mm (19.7 / 23.6 in)	500 / 600 mm (19.7 / 23.6 in)	600 mm (23.6 in)	600 mm (23.6 in)
MAX. VIBRATION FREQUENCY	90 Hz (5400 vpm)	90 Hz (5400 vpm)	65 Hz (3900 vpm)	65 Hz (3900 vpm)
MAX. CENTRIFUGAL FORCE	30 kN (6.7 lbf)	30 kN (6.7 lbf)	38 kN (8.5 lbf)	38 kN (8.5 lbf)



**APR 4920**



**APR 5920**

	DIESEL	DIESEL
MACHINE WEIGHT	350 kg (772 lb)	442 kg (974 lb)
MACHINE WIDTH	450 / 600* / 750 mm (17.7 / 23.6* / 29.5 in)	450 / 600* / 750 mm (17.7 / 23.6* / 29.5 in)
MAX. VIBRATION FREQUENCY	65 Hz (3900 vpm)	65 Hz (3900 vpm)
MAX. CENTRIFUGAL FORCE	49 kN (11 lbf)	59 kN (13 lbf)

\* Standard working width



# APH VIBRATORY PLATES

## FULLY HYDROSTATIC REVERSIBLE VIBRATORY PLATES

### PRODUCTIVITY

#### Large machine stroke

Results in compaction output with a high depth effect.

#### Fully hydraulic drive

Good machine controllability.

#### Three-shaft technology

Good gradeability effect and very good operating behaviour even on wet and cohesive substrate.

#### High quality standards combined with ACE

Reliable and proven quality with compaction control.

### ERGONOMICS

#### Orbitrol control

Makes accurate work possible despite the machine's large mass.

#### Emergency stop switch

Protects the machine operator, especially in reverse mode.

#### Dead man's handle

Stops the machine as soon as the hands let go, thereby increasing safety for the machine operator and the surrounding objects and buildings.

### SERVICEABILITY

#### Daily maintenance possible without tools

Preventive maintenance to protect the machine can be carried out anywhere.

#### Highly accessible engine

Ideal for speedy maintenance.

#### Fully hydraulic drive

No centrifugal clutch and no V belt and therefore no wear and tear.





# 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 5020**



**APH 6020**



**APH 5030**



**APH 6530**

MACHINE WEIGHT	367 kg (807 lb)	482 kg (1060 lb)	375 kg (827 lb)	491 kg (1082 lb)
MACHINE WIDTH	450 / 600* / 750 mm (17.7 / 23.6* / 29.5 in)	500 / 700* / 850 mm (21.7 / 27.6* / 33.5 in)	450 / 600* / 750 mm (17.7 / 23.6* / 29.5 in)	500 / 700* / 850 mm (21.7 / 27.6* / 33.5 in)
MAX. VIBRATION FREQUENCY	65 Hz (3900 vpm)	69 Hz (4140 vpm)	65 Hz (3900 vpm)	55 Hz (3300 vpm)
MAX. CENTRIFUGAL FORCE	50 kN (11.2 lbf)	60 kN (13.5 lbf)	50 kN (11.2 lbf)	65 kN (14.6 lbf)

\* Standard working width



**APH 100-20**



**APH 110-95**



**APH 1000 TC**

MACHINE WEIGHT	675 kg (1488 lb)	778 kg (1715 lb)	715 kg (1576 lb)
MACHINE WIDTH	650 / 800* / 950 mm (26 / 31* / 37 in)	650 / 800 / 950* mm (26 / 31 / 37* in)	650 / 800* mm (26.6 / 31.5 in)
MAX. VIBRATION FREQUENCY	40 Hz (2400 vpm)	48 Hz (2900 vpm)	46 Hz (2760 vpm)
MAX. CENTRIFUGAL FORCE	100 kN (22.5 lbf)	110 kN (24.7 lbf)	63 kN (15.7 lbf)

\* Standard working width









# 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

**Compaction depths of up to one metre**

Enables large dump heights and therefore speedy working.

**Supports compaction on inclines**

Other machines slide where the APA keeps on compacting.

**Robust machine design**

APA machines have a long service life.

## ERGONOMICS

**Quick coupling solutions**

Enables faster switching between buckets and compactors.

**Trench work without emission problems and no danger from falling elements**

Enables safe working conditions.

## SERVICEABILITY

**Protected hoses**

Robust machine quality for a long service life.

**Maintenance-free machine**

No maintenance required.

“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 55/64**

OPERATION WEIGHT CECE *	160 kg (353 lb)	170 kg (375 lb)	370 kg (816 lb)	385 kg (849 lb)	400 kg (882 lb)
MACHINE WIDTH	300 mm (11.8 in)	400 mm (15.7 in)	460 mm (18.1 in)	560 mm (22 in)	640 mm (25 in)
MAX. VIBRATION FREQUENCY	60 Hz (3600 vpm)	60 Hz (3600 vpm)	45 Hz (3375 vpm)	45 Hz (3375 vpm)	60 Hz (3600 vpm)
MAX. CENTRIFUGAL FORCE	20 kN (4.5 lbf)	20 kN (4.5 lbf)	55 kN (12.3 lbf)	55 kN (12.3 lbf)	55 kN (12.3 lbf)

\* with mechanical positioner



**APA 72/74**



**APA 75/74**



**APA 75/74 2M**



**APA 100/88**



**APA 100/88 2M**

OPERATION WEIGHT CECE *	950 kg (2094 lb)	950 kg (2094 lb)	950 kg (2094 lb)	1170 kg (2579 lb)	1170 kg (2579 lb)
MACHINE WIDTH	740 mm (29.0 in)	740 mm (29.0 in)	740 mm (29.0 in)	880 mm (34.7 in)	880 mm (34.7 in)
MAX. VIBRATION FREQUENCY	36 Hz (2700 vpm)	36 Hz (2700 vpm)	36 / 55 Hz (2700 / 3300 vpm)	36 Hz (2700 vpm)	36 / 55 Hz (2700 / 3300 vpm)
MAX. CENTRIFUGAL FORCE	72 kN (16.2 lbf)	82 kN (18.4 lbf)	75 / 40 kN (16.8 / 9 lbf)	110 kN (24.7 lbf)	100 / 55 kN (22.5 / 12.3 lbf)

\* 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
- Foundation work
- Repair work
- Civil engineering
- Road construction
- Landscaping

## PRODUCTIVITY

### 2 amplitude settings

Enables different applications such as asphalt work or compaction work on substructures or non-bonded base layers.

### Fully hydraulic machine

Precise speed adjustment.

### Full side clearance

Accurate, infinitely variable working next to walls and kerbs.

### Integrated sprinkler system

Prevents asphalt from caking on the drums.

## ERGONOMICS

### Dead man handle

Operators work in safety.

### Automatic parking brake

Prevents the machine from rolling away.

### Height-adjustable guide handle

Optimises operating comfort for operators of any height.

### Maximum reversing speed reduced to 2.5 km/h

Enables controlled working in reverse mode.

## SERVICEABILITY

### Simplified maintenance work

Daily maintenance work does not require special tools.

### Drive without wear parts

The fully hydraulic drive system works without a high-maintenance centrifugal clutch and V belt.

**“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	719 kg (1585 lb)	712 kg (1569 lb)
DRUM WIDTH	650 mm (25.6 in)	650 mm (25.6 in)
MAX. VIBRATION FREQUENCY	60 Hz (3300 vpm)	60 Hz (3300 vpm)
MAX. CENTRIFUGAL FORCE	11 / 21 kN (2.9 / 4 lbf)	11 / 21 kN (2.9 / 4 lbf)



# 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 with less passes.

### Articulated joint with oscillation

Higher tractionability and increased surface coverage and quality.

### Drum extensions

Adaptation of machine width according to job-site needs.

## ERGONOMICS

### Simple Remote control

Intuitive machine control in a safe distance even with unskilled Operator.

### Infra-Red remote control

High safety once the machine is out of view it stops.

### Solar Power Cells on Remote control

Machine is always ready to work without additional Remote control charging.

## SERVICEABILITY

### Maintenance friendly design

Easy and fast daily maintenance.

### Accessible service points

Perfect access to service points.

### Maintenance free parts

Reduced risk of machine damage.

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







**ARR 1575**



**ARR 1585**

OPERATION WEIGHT	1340 / 1440 kg (2950 / 3200 lb)	1305 / 1395 kg (2880 / 3080 lb)
DRUM WIDTH	640 / 850 mm (25.2 / 33.46 in)	630 / 850 mm (24.8 / 33.46 in)
MAX. VIBRATION FREQUENCY	40 Hz (2400 vpm)	30 Hz (1800 vpm)
MAX. CENTRIFUGAL FORCE	75 / 36 kN (16.8 / 8.1 lbf)	86 kN (19.3 lbf)



# 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.





# 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.





# 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.







“Service kits ensure that every part is there when you need it, while emergency kits prevent a little challenge from becoming a big one.”











For additional product information  
and services please visit:  
**[www.ammann-group.com](http://www.ammann-group.com)**