

AMMANN

LIGHT COMPACTION

LIGHT COMPACTION EQUIPMENT
FOR NORTH AMERICA



AMMANN WORLD PRESENCE

AN INNOVATIVE, SUSTAINABLE BUSINESS

Ammann is a world-leading supplier of mixing plants, machines and services to the construction industry, with core expertise in road-building and transportation infrastructure. We are committed to sustainability – in both the products we make and the ways we make them.

Our strengths are the forthcoming approach of a family firm that has been operating for many years, coupled with our strong and well-established international presence. Since 1869, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions that are as competitive as they are dependable.

True to our motto, "Productivity Partnership for a Lifetime," we gear our activities to the needs and requirements of our customers around the globe. Plants and machines that consistently prove their merits under demanding conditions are the best way to give our customers the critical, competitive edge they need.

Our reliable, punctual service network provides the essential spare parts that keep our customers working – and supports the plants and machines throughout their lifetimes.



200+ AGENCIES & SALES PARTNERS

20 REGIONAL SALES OFFICES & SUBSIDIARIES

13 TRAINING CENTRES

11 WAREHOUSES

12 MANUFACTURING FACILITIES & CENTRE OF COMPETENCE



PLANTS

ASPHALT-MIXING PLANTS

CONCRETE-MIXING PLANTS



MACHINES

- LIGHT COMPACTION
- SOIL & ASPHALT COMPACTION
- ASPHALT PAVERS
- ASPHALT RECYCLING

GLOBAL DISTRIBUTION & SERVICE NETWORK

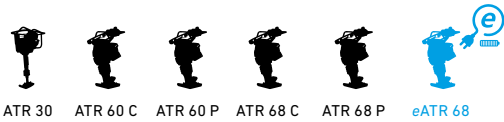
- HEADQUARTERS
- REGIONAL SALES OFFICES
- SUBSIDIARIES
- AGENCIES & SALES PARTNERS
- MANUFACTURING FACILITIES & CENTER OF COMPETENCE
- GLOBAL RETROFIT CENTER
- WAREHOUSES
- TRAINING CENTER

LIGHT EQUIPMENT

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



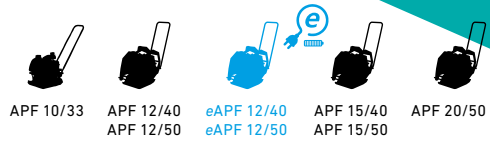
ATR RAMMERS



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



APF VIBRATORY PLATES



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



APR VIBRATORY PLATES



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



APH VIBRATORY PLATES



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



ARX LIGHT TANDEM ROLLERS

ARX SERIES 1-2



ARX 10.1 ARX 12-2 ARX 16-2 ARX 16-2C ARX 20-2

ARX SERIES 2.1-2



ARX 23.1-2 ARX 23.1-2C ARX 26.1-2 ARX 26.1-2C

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



ARW WALK-BEHIND ROLLER



ARW 65-S



ARR TRENCH ROLLERS



ARR 1575

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	-
eATR 68	-	-	-	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 12/40 & 12/50	-	✓	✓	7.9 in 20 cm	5.9 in 15 cm	○	○	-
eAPF 12/40	-	✓	✓	7.9 in 20 cm	5.9 in 15 cm	○	○	-
eAPF 12/50	-	✓	✓	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 & 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-S	-	-	✓	11.8 in 30 cm	7.9 in 20 cm	-	-	-
ARR 1575	-	-	-	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



SAND / GRAVEL
MIXED SOIL



COHESIVE SOIL
HUMID SOIL
ROCKFILL



COHESIVE SOIL
HUMID SOIL



ASPHALT* /
SAND / GRAVEL
MIXED SOIL
*WITH WATER SPRINKLER SYSTEM



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 can 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.

Multiple shoe choices

Varied rammer shoes provide a match for every application.

Long service life of engines and machines

Machine can be used for longer.

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

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

SERVICEABILITY

Tool-free daily inspection

Daily maintenance possible without any tools.

Robust design

Protective casing and high-quality components extend machine life.

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

Long machine service life with optimum life cycle costs.

**"eATR Rammer:
Unleash the force
of compaction,
rivaling its petrol
counterpart!"**





ATR 30



ATR 60 C



ATR 60 P

	PETROL	PETROL	PETROL
MACHINE WEIGHT	62 / 64 lbs 28 / 29 kg	137 lbs 62 kg	137 lbs 62 kg
FOOT WIDTH	3 / 5 in 80 / 130 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
ENGINE OUTPUT AT RPM	1.1 kW (1.5 HP) 5500	2.2 kW (3 HP) 4300	2.7 kW (3.7 HP) 4300



ATR 68 C



ATR 68 P



eATR 68

	PETROL	PETROL	eDRIVE (battery)
MACHINE WEIGHT	150 lbs 68 kg	150 lbs 68 kg	154 lbs 70 kg
FOOT WIDTH	11 in 280 mm	11 in 280 mm	11 in 280 mm
CENTRIFUGAL FORCE	2923 lbf 13 kN	2923 lbf 13 kN	3035 lbf 13.5 kN
ENGINE OUTPUT AT RPM	2.2 kW (3 HP) 4300	2.7 kW (3.7 HP) 4300	1.8 kW (2.4 HP) 3600

eATR 68

eDrive

eMISSION

- Zero-emission machine reduces ecological impact
- Battery-powered
- Maximum efficiency/economy
- Work in confined spaces
- Meet all emissions standards

Battery

- Durable
- Fast and simple charging
- Battery pack interchangeable with other Ammann e-plates
- Long-lasting battery pack, with optimal safety, exchanged within seconds



“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 lbs (54 kg) to a much heavier 1157 lbs (525 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 optimized
- Light to medium patchwork
- Road and rail construction
- Pipeline and trench construction
- Landscaping and gardening

AMMANN VIBRATORY PLATE COMPACTORS ARE DIVIDED 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/sec² protect the operator and eliminate the need for time-consuming record keeping.

Convenient machine control

Ergonomically optimized 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-optimized 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.



Battery

- Long-lasting
- Quick exchanges
- Safe charging, fast and simple
- Exchangeable with Ammann eRammers

eMISSION

- Zero-emission machine reduces ecological impact
- Battery-powered
- Maximum efficiency/economy
- Work in confined spaces
- Meet all emissions standards

“eAPF Vibratory Plate: Power-packed performance, matching the output of traditional petrol machines!”



eAPF 12/40 - 12/50



APF 10/33



APF 12/40



APF 12/50



eAPF 12/40



eAPF 12/50

	PETROL	PETROL	PETROL	eDRIVE (battery)	eDRIVE (battery)
MACHINE WEIGHT	119lbs 54 kg	152lbs 69 kg	159 lbs 72 kg	196 lbs 89 kg	203 lbs 93 kg
MACHINE WIDTH	13in 330mm	15.7 in 400 mm	19.7 in 500 mm	15.7in 400 mm	19.7 in 500 mm
MAX. VIBRATION FREQUENCY	6000vpm 100 Hz	5880 vpm 98 Hz	5880 vpm 98 Hz	6000vpm 100 Hz	6000 vpm 100 Hz
MAX. CENTRIFUGAL FORCE	2360 lbf 10.5 kN	2697 lbf 12 kN	2697 lbf 12 kN	2698 lbf 12 kN	2698 lbf 12 kN
ENGINE OUTPUT AT RPM	2.6 kW (3.5 HP) 3600	2.6 kW (3.5 HP) 3600	2.6 kW (3.5 HP) 3600	1.8 kW (2.4 HP) 3600	1.8 kW (2.4 HP) 3600



APF 15/40



APF 15/50



APF 20/50

	PETROL	PETROL	PETROL
MACHINE WEIGHT	176 lbs 80 kg	185 lbs 84 kg	194 lbs 88 kg
MACHINE WIDTH	15.7in 400mm	19.7 in 500mm	19.7 in 500mm
MAX. VIBRATION FREQUENCY	6000vpm 100 Hz	6000 vpm 100 Hz	5400 vpm 90 Hz
MAX. CENTRIFUGAL FORCE	3372 lbf 15 kN	3372 lbf 15 kN	4496 lbf 20 kN
ENGINE OUTPUT AT RPM	2.6 kW (3.5 HP) 3600	2.6 kW (3.5 HP) 3600	3.4 kW (4.6 HP) 3250



APF 15/40



APF 15/40



APF 12/40

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 optimized 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 59/20



APR 22/40



APR 22/40



**APR 30/50
APR 30/60**



**APR 30/50
APR 30/60**

	PETROL	DIESEL	PETROL	DIESEL
MACHINE WEIGHT	220lbs 100kg	260lbs 118kg	439lbs 199kg	474lbs 215kg
MAX. WEIGHT WITH OPTIONS	240lbs 109kg	286lbs 130kg	470lbs 213kg	536lbs 243kg
MACHINE WIDTH	15.7in 400mm	15.7in 400mm	19.7 / 23.6in 500 / 600mm	19.7 / 23.6in 500 / 600mm
MAX. VIBRATION FREQUENCY	5800vpm 98Hz	5800vpm 98Hz	5400vpm 90Hz	5400vpm 90Hz
MAX. CENTRIFUGAL FORCE	5170 lbf 23 kN	5170 lbf 23 kN	7194 lbf 32 kN	7194 lbf 32 kN
ENGINE OUTPUT AT RPM	3.6 kW (4.8 HP) 3600	3.1 kW (4.2 HP) 3000	6 kW (8 HP) 3100	4.5 kW (6 HP) 2900



APR 40/60



APR 40/60



APR 49/20



APR 59/20

	PETROL	DIESEL	DIESEL	DIESEL
MACHINE WEIGHT	580lbs 263kg	593lbs 269kg	862lbs 391kg	970lbs 440kg
MAX. WEIGHT WITH OPTIONS	-	626lbs 284kg	935lbs 424kg	1043lbs 473kg
MACHINE WIDTH	23.6in 600mm	23.6in 600mm	17.7 / 23.6 / 29.5in 450 / 600 / 750mm	17.7 / 23.6 / 29.5in 450 / 600 / 750mm
MAX. VIBRATION FREQUENCY	3900vpm 65Hz	3900vpm 65Hz	3900vpm 65Hz	3900vpm 65Hz
MAX. CENTRIFUGAL FORCE	9442 lbf 42 kN	9442 lbf 42 kN	11,016 lbf 49 kN	13,264 lbf 59 kN
ENGINE OUTPUT AT RPM	6 kW (8 HP) 3100	4.5 kW (6 HP) 2900	6.6 kW (8.8 HP) 2900	6.6 kW (8.8 HP) 2900



APR 22/40



APR 59/20

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/sec² 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 continuously monitors compaction levels to the operator, boosting efficiencies – especially when compacting large 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 110-95

	DIESEL	DIESEL	DIESEL	DIESEL
MACHINE WEIGHT	1023 lbs 464 kg	1067 lbs 484 kg	1676 lbs 760 kg	1818 lbs 825 kg
MAX. WEIGHT WITH OPTIONS	1142 lbs 518 kg	1157 lbs 525 kg	1791 lbs 813 kg	1933 lbs 877 kg
MACHINE WIDTH	21.7 / 27.6 / 33.5 in 550 / 700 / 850 mm	21.7 / 27.6 / 33.5 in 550 / 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
MAX. VIBRATION FREQUENCY	4140 vpm 69 Hz	3300 vpm 55 Hz	3120 vpm 52 Hz	2900 vpm 48 Hz
MAX. CENTRIFUGAL FORCE	13,489 lbf 60 kN	14,613 lbf 65 kN	19,109 lbf 85 kN	24 lbf 110 kN
ENGINE OUTPUT AT RPM	10.1 kW(13.5HP) 3000	10.1 kW(13.5HP) 3000	13.4 kW(18HP) 2600	17.5 kW(23.5HP) 3000



ARW WALK-BEHIND ROLLERS

Ammann Walk-Behind Rollers combine two applications in a single machine. The operator chooses whether to utilize a high-amplitude setting for work on gravel/soil or a low-amplitude setting for asphalt and bituminous materials.

APPLICATIONS

- Earthworks and asphalt applications
- Sidewalk / cycle path construction & repair
- Sports grounds
- Agricultural / forest access roads construction & maintenance



HIGHLIGHTS

Soil and bitumen application

- High-amplitude setting for work on gravel / soil
- Low-amplitude setting for asphalt and bituminous materials
- Factory-installed scrapers, sprinkling system and water tank for work on asphalt

Hydraulic drive

- Ensures variable speed adjustment
- Offers smooth starting / braking action
- Low maintenance costs due to hydrostatic drive and vibration

Two amplitudes

- High amplitude (0.3 mm/0.01 in) for substructure
- Low amplitude (0.15 mm/0.005 in) for asphalt

Efficiency on edges

- Clearance on both drum sides allows compaction work close to obstacles.
- No time-consuming reworking on edges is needed.

Safety first

- Safety handle stops machine when operator releases grip.
- Safety handle moves to "forward" when machine works too close to operator while in reverse mode.
- In reverse mode the roller's reverse speed limit is set to 42 m/min (1.6 mph)

"The control handle can be used to move the machine smoothly to the left, right, forward and back."



ARW 65-S

	HONDA
OPERATING WEIGHT CECE	1713lbs 777 kg
MAX. OPERATING WEIGHT (WITH ELECTRIC START & OPTIONS)	1728lbs 784 kg
DRUM WIDTH	25.6 in 650 mm
MAX. VIBRATION FREQUENCY	3900rpm 65Hz
MAX. CENTRIFUGAL FORCE	3147 / 5171 lbf 14 / 23 kN
ENGINE OUTPUT AT RPM	7.8kW(10.5 HP) 2800

ARR TRENCH ROLLERS

Trench rollers, also called multipurpose compactors, perform well in cohesive soil types, such as clays, that can be very difficult to compact. The Trench Roller 1575 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
- Airport construction
- Electric and cable installation
- Dumpsite and landfill jobsites
- Subbase of roads

PRODUCTIVITY

Two-stage vibrator

Two different settings for amplitude and vibration enable usage on diverse jobsites.

Articulated joint with oscillation

Provides exceptional maneuverability and constant ground contact.

Drum extensions

Easily adjust working widths for added productivity.

ERGONOMICS

Infrared remote control

Safest solution; operator must have directly visibility for the machine to run.

Solar power cells

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

Automatic pairing of machine control

Automatically determines the right communication frequency.

SERVICEABILITY

Maintenance-free parts

Reduce time required for machine maintenance and prevent damage to components.

Tool-free daily inspection

Daily maintenance possible without tools.

Bolted frame

Clever solution for quick and easy machine servicing.



ACE

- 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

OPERATION WEIGHT	2950 / 3170 lbs 1340 / 1440 kg
DRUM WIDTH	25.2 / 33.5 in 640 / 850 mm
MAX. VIBRATION FREQUENCY	2400 vpm 40 Hz
MAX. VIBRATION AMPLITUDE	0.024 / 0.043 in 0.6 / 1.1 mm
MAX. CENTRIFUGAL FORCE	16,860 / 8093 lbf 75 / 36 kN
ENGINE OUTPUT AT RPM	14.6 kW (20 HP) 2400



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
- Golf courses
- Playgrounds
- Road maintenance
- Pathways
- Repair work in city center
- City roads

PRODUCTIVITY

Smooth rolling

No sudden starts and stops during machine operation

Compaction performance

Varied machine sizes ensure proper fits for the application and jobsite

ERGONOMICS

The **operator platform** is designed for comfort, ensuring a pleasant experience no matter the duration of the shift..

The operator station offers 360° all-around machine visibility from the seat to maximize safety on the jobsite.

SERVICEABILITY

Low downtime

Robust design that protects components

Reduced maintenance

Easy-to-reach maintenance points

SUSTAINABILITY

ECOdrop

Improved efficiency, reduced use of fluids

Advanced technologies

Machine usage controlled to bring efficiency, productivity – and enable precise documentation

ACE^{force}



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



ARX SERIES 1-2



ARX SERIES 2.1-2
ARX SERIES 2-2



ARX SERIES 4-2



ARX 10.1

U.S. EPA PHASE III / EU STAGE V

**PETROL
ENGINE**

“The drums are support-free on the operator’s right side. This allows compaction work on the tightest of jobsites.”

APPLICATIONS

- Small and medium construction sites
- Road maintenance
- City street repairs
- Confined work spaces
- Pathways
- Playgrounds, golf courses



HIGHLIGHTS

Smart design

One-side suspended drums enable flush compaction work close to walls or curbs for increased productivity.

An **articulation joint** with oscillation ensures great maneuverability and constant contact with the surface, key factors in achieving high-quality compaction.

Compaction performance

The high **compaction output** ensures effective results on varied jobsites, helping the crew reach density targets in fewer passes.

The **sprinkling system**, featuring a two-stage filtration to prevent clogging when working on asphalt, is complemented by a large water tank that extends intervals between fillings.

Reduced maintenance

Tool-free daily inspection enables quick reviews of the machine.

Easy-to-access service points enable **safe maintenance**.

OPTIONAL EQUIPMENT

- Additional Documentation Printed
- Additional Lights for Hard Canopy
- Additional Lights for ROPS
- Additional Mirror
- Back-up Alarm
- Back-up Alarm Adaptive
- CE Conformity
- Certificate of Origin
- Color Scheme Customer
- Frame Rigid ROPS
- Frame ROPS
- Hard Canopy ROPS mounted
- Hydraulic Oil Biodegradable
- Maintenance Kit 100h
- Maintenance Kit 200h
- Overseas Shipping Preparation
- Seat Activation Warning Switch
- Seat Belt 3"
- Telematics ServiceLink Light
- Toolset
- Warning Beacon for Hard Canopy
- Warning Beacon for ROPS LED
- Water Tank Lock
- Working Lights

STANDARD EQUIPMENT

- Two steel drums with in-line configuration
- Front and rear drum hydrostatic drive
- 1 amplitude vibration system (front drum)
- Mechanical drive lever (RH)
- Comfortable seat, dashboard with multi-functional display and emergency stop
- Pressurized interval water sprinkling system
- Central lifting hook
- Ammann color scheme



ARX 10.1

ARX 12-2

ARX 16-2

ARX 16-2C

ARX 20-2

OPERATING WEIGHT	2866 lbs 1300 kg	3219 lbs 1460 kg	3329 lbs 1510 kg	3197 lbs 1450 kg	3461 lbs 1570 kg
WORKING WIDTH	35.4 in 900 mm	32.3 in 820 mm	35.4 in 900 mm	35.4 in 900 mm	39.4 in 1000 mm
DRUM OFFSET	–	1.9 in 48 mm	1.9 in 48 mm	–	1.9 in 48 mm
CENTRIFUGAL FORCE	3687 lbf 16.4 kN	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	4560 vpm 76 Hz	3600 / 4200 vpm 60 / 70 Hz	3600 / 4200 vpm 60 / 70 Hz	3600 / 4200 vpm 60 / 70 Hz	3600 / 4200 vpm 60 / 70 Hz
AMPLITUDE	0.02 in 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	0.02 / 0.02 in 0.5 / 0.5 mm
ENGINE	Honda GX630 PETROL U.S. EPA Phase III EU Stage V	Kubota D1105 U.S. EPA Tier 4 Final EU Stage V	Kubota D1105 U.S. EPA Tier 4 Final EU Stage V	Kubota D1105 U.S. EPA Tier 4 Final EU Stage V	Kubota D1105 U.S. EPA Tier 4 Final EU Stage V



ARX 23.1-2

ARX 23.1-2C

ARX 26.1-2

ARX 26.1-2C

OPERATING WEIGHT	4982 lbs 2260 kg	4652 lbs 2110 kg	5423 lbs 2460 kg	5071 lbs 2300 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	7059 / 8295 lbf 31.4 / 36.9 kN	7059 / 8295 lbf 31.4 / 36.9 kN	8183 / 9622 lbf 36.4 / 42.8 kN	8183 / 9622 lbf 36.4 / 42.8 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 - D1703-M-DI U.S. EPA Tier 4 Final EU Stage V	Kubota - D1703-M-DI U.S. EPA Tier 4 Final EU Stage V	Kubota - D1703-M-DI U.S. EPA Tier 4 Final EU Stage V	Kubota - D1703-M-DI U.S. EPA Tier 4 Final EU Stage V



ARX 23-2

ARX 23-2C

ARX 26-2

ARX 26-2C

OPERATING WEIGHT	4920 lbs 2230 kg	4600 lbs 2085 kg	5540 lbs 2515 kg	5180 lbs 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	8722 / 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 U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR U.S. EPA Tier 4 Final EU Stage V

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

OPERATING WEIGHT	8344 lbs 3785 kg	9260 lbs 4200 kg	8940 lbs 4055 kg	9690 lbs 4395 kg	9230 lbs 4185 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 / 11,398 / 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-T U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-T U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-T U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-T U.S. EPA Tier 4 Final EU Stage V	Kubota - D1803-CR-T U.S. EPA Tier 4 Final EU Stage V

“ Ammann rollers bring excellent visibility and intuitive machine control.”



TRAINING

ENHANCE YOUR PERFORMANCE

If Ammann machine training was summarized 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 organized 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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For additional product information
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