

MACHINES

# ARW WALK-BEHIND ROLLERS

ARW SERIES WALK-BEHIND ROLLERS

150



Years of  
Innovation  
Since 1869

**AMMANN**

# THE RIGHT FIT ON YOUR JOBSITE

## AMMANN ARW WALK-BEHIND ROLLERS

Walk-behind vibratory rollers from Ammann offer two applications in one machine. The operator can choose between a high amplitude for working on substructures and a low amplitude for compacting asphalt and bituminous material. Walk-behind rollers are available with two different diesel engines. Both are powerful and fulfill the applicable world-wide emission standards.



### ARW 65 HATZ

Operating weight CECE: 719 kg (1585 lb)  
Drum width: 650 mm (25.6 in)  
Max. vibrating frequency: 60 Hz (3600 vpm)  
Max. centrifugal force: 11/21 kN (2473/4721 lbf)



### ARW 65 YANMAR

Operation weight CECE: 712 kg (1570 lb)  
Drum width: 650 mm (25.6 in)  
Max. vibrating frequency: 60 Hz (3600 vpm)  
Max. centrifugal force: 11/21 kN (2473/4721 lbf)

**“The ARW 65 is one of the most versatile machines on the market. It delivers optimum compaction results on substructures and asphalt surfaces.”**







## 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.

## APPLICATIONS

- Earthwork and asphalt applications
- Sidewalk/cycle paths construction/repair
- Sport grounds
- Agricultural roads construction/maintenance
- Forest road construction /maintenance

## 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.

# YOUR BENEFITS AT A GLANCE

WHAT CHARACTERISES THE  
WALK-BEHIND ROLLERS FROM AMMANN?

## FULLY HYDRAULIC MACHINE

Is mounted centrally  
between the drums and  
features two amplitudes  
and two centrifugal forces

## VIBRATORY SYSTEM

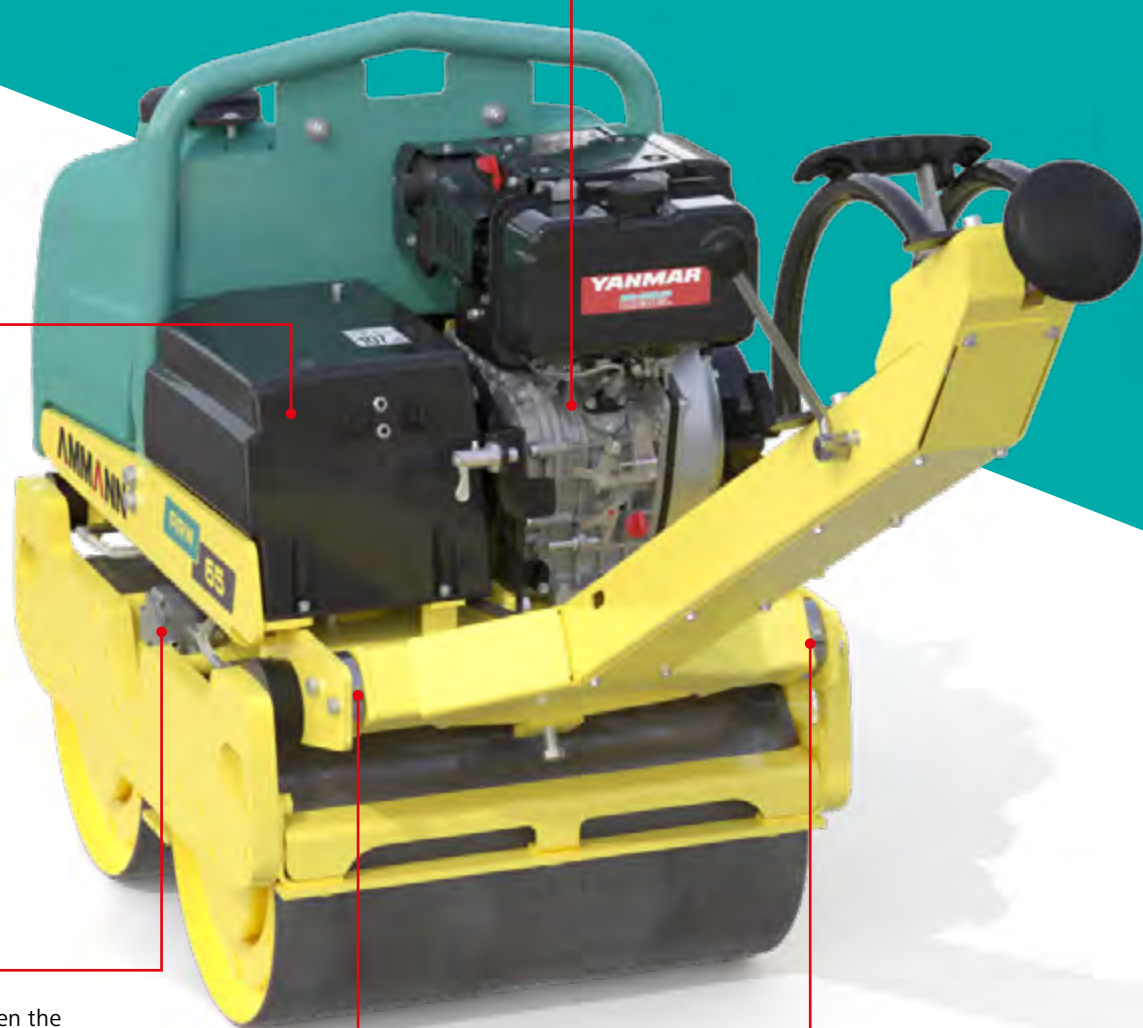
Is mounted centrally between the  
drums and features two amplitudes  
and two centrifugal forces

## HATZ OR YANMAR ENGINES

Are diesel-powered with manual  
or electric start

## ISOLATED GUIDE HANDLE

Enables easy control and prevents  
unwanted vibration from reaching  
the operator







#### SECURE TRANSPORT

Makes loading and tie-downs easy due to a central lifting hook, which is a standard feature

#### WATER TANK

Is fabricated from anti-corrosive materials and has a large capacity (60 litres/15.9 gallons)

#### DRIVE SYSTEM

Delivers high traction and gradeability through individual drive motors in both drums

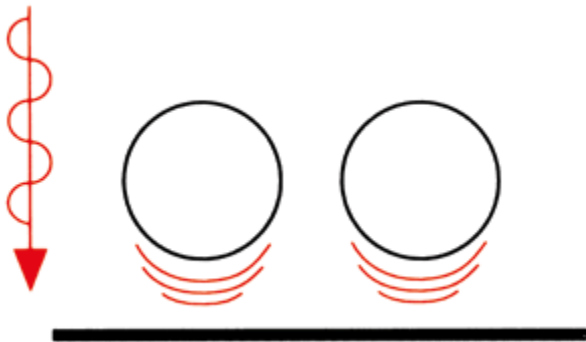
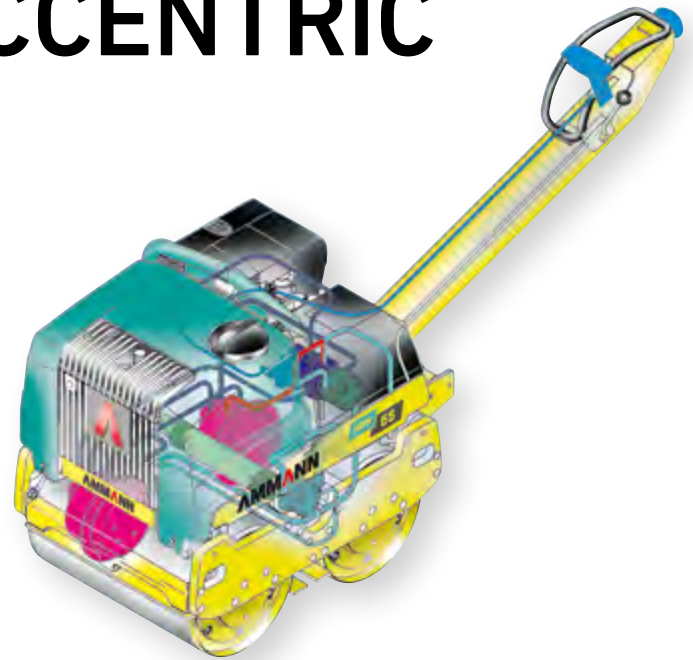
#### HYDRAULIC COOLING SYSTEM

Provides high capacity for ample cooling – even in the hottest conditions

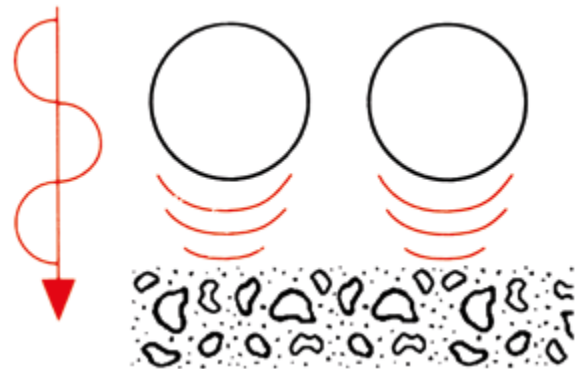
# ADJUSTABLE ECCENTRIC WEIGHTS

EFFICIENCY ON EVERY SUBSTRATE

The roller is suitable for use on substructures and asphalt surfaces. Adjustable eccentric weights for setting the amplitude and an integrated, generously dimensioned 60-litre water tank as standard guarantee that the machine is always ready for use and can switch quickly from loose substrate to asphalt. The ARW from Ammann is therefore the ideal addition to any machine pool.



0.3 mm AMPLITUDE FOR ASPHALT APPLICATIONS



0.5 mm AMPLITUDE FOR SUB-STRUCTURE APPLICATIONS



# TECHNICAL SOLUTIONS FOR YOUR JOBSITE

## ADAPTABLE TO YOUR NEEDS

Quality and productivity are prerequisites for good construction machines. Ammann machines offer both and stand out through ease of operation. Numerous options guarantee every customer has the ideal machine for his area of use.



### HOURS-RUN METER

The next service date can be scheduled well in advance thanks to a continuous display of hours run.



### ELECTRIC START

(STANDARD ON THE YANMAR VERSION,  
OPTIONAL ON THE HATZ VERSION)

Starting the machine is easy with the E-starter. Cranking the machine before starting work is no longer necessary.



### OPTIONS

	HATZ	YANMAR
60 L WATER TANK WITH SPRINKLER SYSTEM	Standard	Standard
SCRAPERS ON FRONT AND BACK DRUM	Standard	Standard
OPERATING HOUR METER	x	x
PROTECTION FRAME IN FRONT	x	x
ELECTRIC STARTER	x	Standard



“A generous 60 litre water tank, scraper and a sprinkler system are standard features. The machine is therefore always ready for compaction work on fresh asphalt.”









# ARW 65

## WALK-BEHIND ROLLERS

### FLEXIBILITY FOR YOUR MACHINE POOL

The ARW 65 offers two applications in one machine to optimise your cost of investment.

The high amplitude setting (0.5 mm) makes the walk-behind roller ideal for compacting soil and substructures. The operator can switch to a lower amplitude (0.3 mm) that is perfect for compacting asphalt and bitumen. The machine is always ready for working on bituminous surfaces thanks to a scraper and a 60 litre water tank with sprinkler system.

The ARW 65 is available with engines from Hatz and Yanmar. These powerful diesel engines guarantee good driving properties even in difficult terrain.

The Yanmar version comes with an electric starter as standard. The Hatz version offers an electric starter as an option.

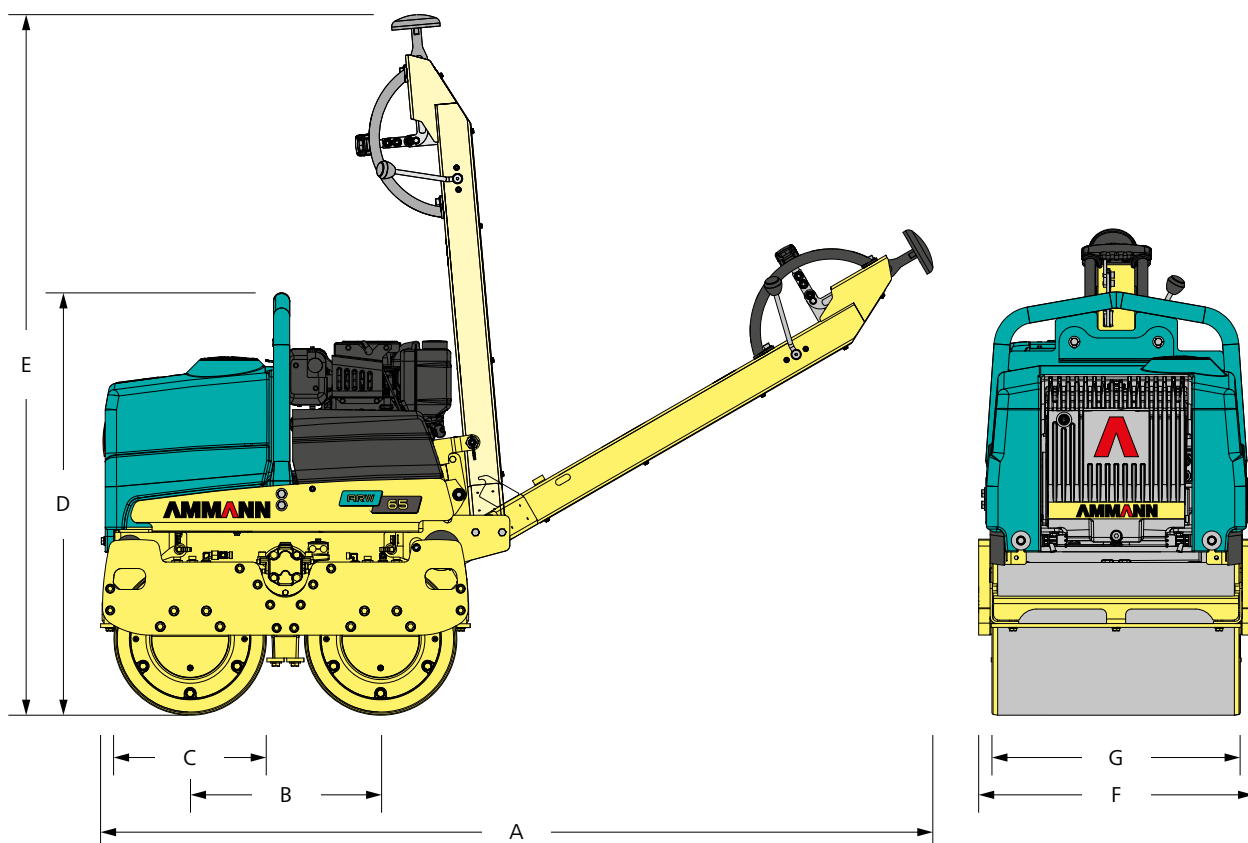


### HIGHLIGHTS

- Hydrostatic drive and vibration system
- Hydrostatically adjustable eccentric weights for machine use on substructures and bituminous surfaces
- Hydraulic pump for the hydrostatic drive and steering; no V belt required
- Ergonomic guide handle with dead man handle for even more safety
- Large 60-litre water tank for compacting bituminous surfaces
- Easily accessible maintenance points







## WEIGHT & DIMENSIONS

	HATZ	YANMAR
OPERATION WEIGHT CECE	719 kg (1585 lb)	N/A
OPERATION WEIGHT CECE (WITH E-START)	738 kg (1627 lb)	712 kg (1570 lb)
A MACHINE LENGTH	2288 mm (90.1 in)	2288 mm (90.1 in)
B WHEEL BASE	500 mm (19.7 in)	500 mm (19.7 in)
C DRUM DIAMETER	400 mm (15.7 in)	400 mm (15.7 in)
D MACHINE HEIGHT	1110 mm (43.7 in)	1110 mm (43.7 in)
E TRANSPORT HEIGHT	1835 mm (72.2 in)	1835 mm (72.2 in)
F MACHINE WIDTH	720 mm (28.3 in)	720 mm (28.3 in)
G DRUM WIDTH	650 mm (25.6 in)	650 mm (25.6 in)

## COMPACTION FORCES

MAX. VIBRATION FREQUENCY	60 Hz (3600 vpm)	60 Hz (3600 vpm)
MAX. CENTRIFUGAL FORCE	11/21 kN (2473/4721 lbf)	11/21 kN (2473/4721 lbf)
LINEAR PRESSURE	5.7 kg/cm (31.8 lb/in)	5.5 kg/cm (30.7 lb/in)
AMPLITUDE	0.3/0.5 mm (0.012/0.02 in)	0.3/0.5 mm (0.012/0.02 in)
MAX. COMPACTION DEPTH (SOIL)	20/15 cm (7.9/5.9 in)	20/15 cm (7.9/5.9 in)
MAX. COMPACTION DEPTH (SAND)	30/25 cm (11.8/9.8 in)	30/25 cm (11.8/9.8 in)

## ENGINE

	HATZ	YANMAR
ENGINE	Hatz 1D42S	Yanmar L100N
FUEL	Diesel	Diesel
ENGINE OUTPUT AT RPM	6.1 kW (8.2 HP) 2800	6.1 kW (8.2 HP) 2600
FUEL CONSUMPTION	1.7 l/h (0.4 gal/h)	1.2 l/h (0.32 gal/h)

## MISCELLANEOUS

SPEED (FORWARD)	4 km/h (2.5 mph)	4 km/h (2.5 mph)
SPEED (BACKWARD)	2.5 km/h (1.6 mph)	2.5 km/h (1.6 mph)
GRADEABILITY W./W.O. VIBRATION	25% / 44%	25% / 45%
FUEL CAPACITY	5 l (1.32 gal)	4.7 l (1.2 gal)
HYDRAULIC OIL CAPACITY	20 l (5.2 gal)	20 l (5.2 gal)
WATER TANK CAPACITY	60 l (15.8 gal)	60 l (15.8 gal)

# 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.

### SERVICE APP

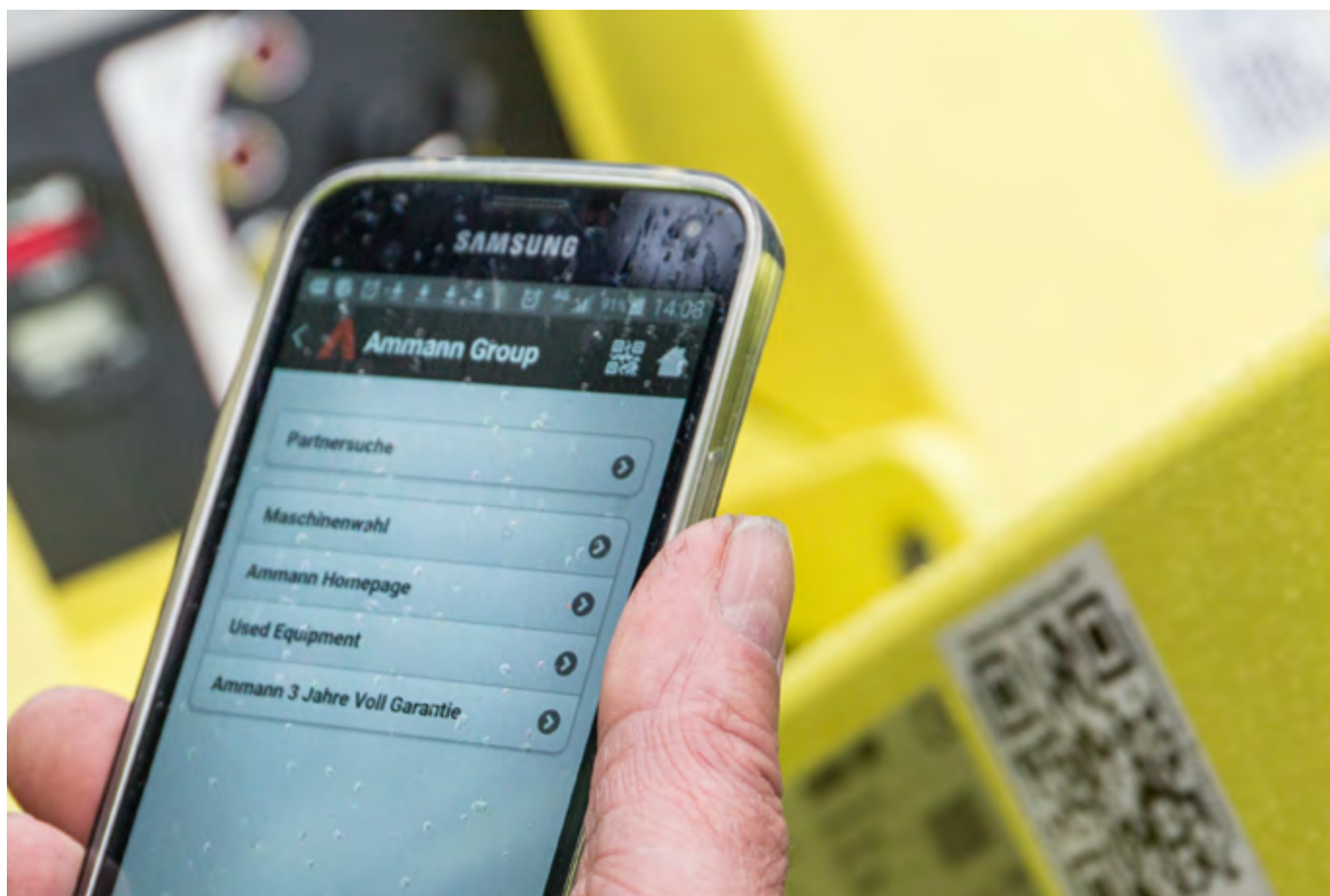
The service app for Ammann machines impresses machine operators who are already benefiting from the advantages of the free application. The easy-to-use app provides machine operators working on site quick and uncomplicated access to machine documentation.

### 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.



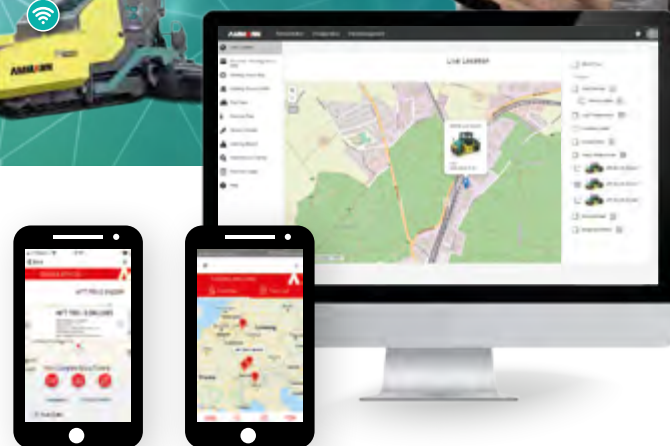


# AMMANN SERVICELINK

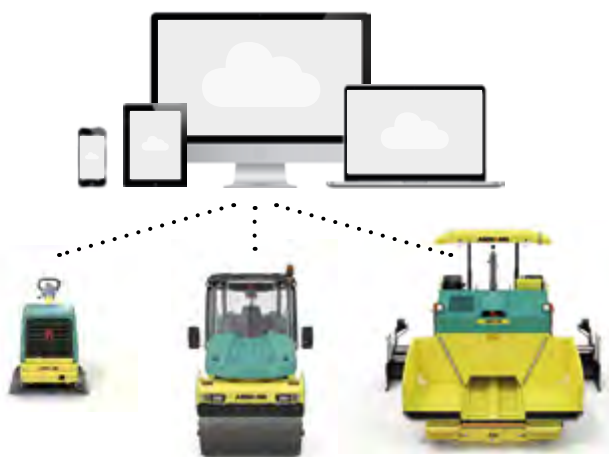


## SERVICELINK

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.



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

