

MACHINES

# ARW WALK-BEHIND ROLLERS

ARW SERIES WALK-BEHIND ROLLERS



**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: 719 kg (1585 lb)  
Max. operating weight: 744.5 kg (1641 lb)  
Drum width: 650 mm (25.6 in)  
Max. vibrating frequency: 65 Hz (3900 vpm)  
Max. centrifugal force: 14/23 kN (2147/5171 lbf)



### ARW 65 YANMAR

Operating weight: 712 kg (1570 lb)  
Max. operating weight: 719 kg (1585 lb)  
Drum width: 650 mm (25.6 in)  
Max. vibrating frequency: 65 Hz (3900 vpm)  
Max. centrifugal force: 14/23 kN (2147/5171 lbf)

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





## APPLICATIONS

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

## 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.

### Good side clearance

Precise working next to walls and kerbs.

### Integrated sprinkler system

Prevents asphalt from caking on the drums.

## ERGONOMICS

### Dead man's 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 (1.6 mph)

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.

# YOUR BENEFITS AT A GLANCE

WHAT CHARACTERISES THE  
WALK-BEHIND ROLLERS FROM AMMANN?

## HATZ OR YANMAR ENGINES

Are diesel-powered  
with manual or  
electric start

## FULLY HYDRAULIC MACHINE

The hydraulic drive  
ensures variable speed  
adjustment and smooth  
starting/stopping  
action – essential when  
working on asphalt

## VIBRATORY SYSTEM

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

## ISOLATED GUIDE HANDLE

Enables easy control and  
prevents unwanted vibration  
from reaching the operator





**SECURE TRANSPORT & LOADING**

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)

**WATER LEVEL INDICATOR**

**DRIVE SYSTEM**

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

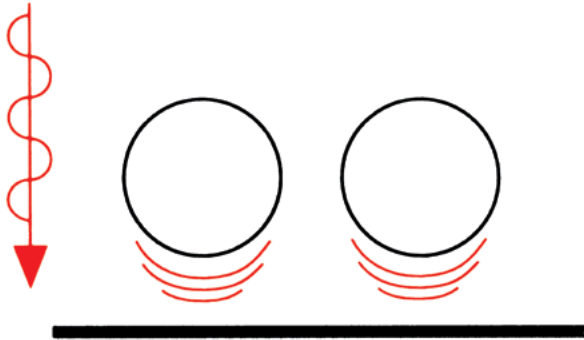
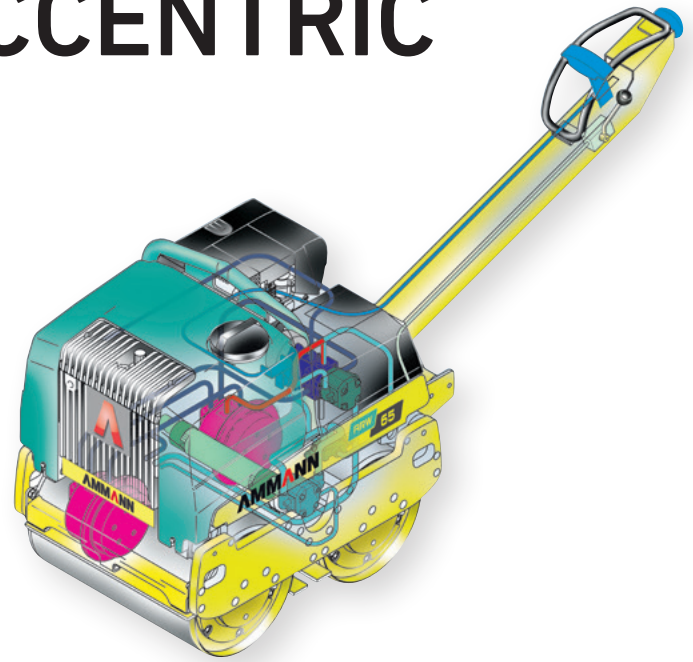
**HYDRAULIC COOLING SYSTEM**

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

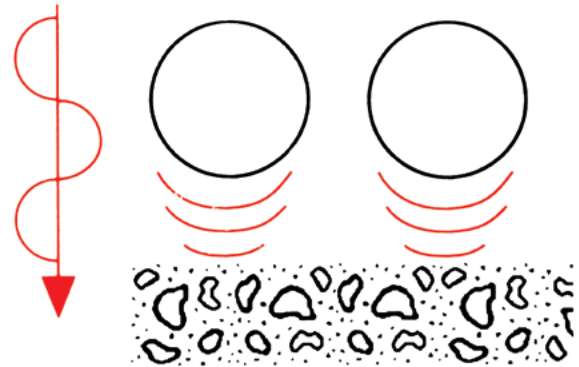
# ADJUSTABLE ECCENTRIC WEIGHTS

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 (0.012 in) AMPLITUDE FOR ASPHALT APPLICATIONS



0.5 mm (0.02 in) 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
OPERATING HOUR METER	x	x
LED WORKING LIGHTS	x	x
GUIDE BAR HANDLE LOCK (IN WORKING POSITION)	x	x
ELECTRIC STARTER	x	Standard
CRANK HANDLE	Standard w.o. E-Start / Optional with E-Start	n.a.
JUMP START CONNECTOR	Standard with E-Start	x
AMMANN SERVICELINK (TELEMATICS)	x	x

“A generous 60 litre (15.8 gal) 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 0.5 mm (0.02 in) high amplitude setting makes the walk-behind roller ideal for compacting soil and substructures. The operator can switch to a lower amplitude of 0.3 mm (0.012 in) 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 (15.8 gal) 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.

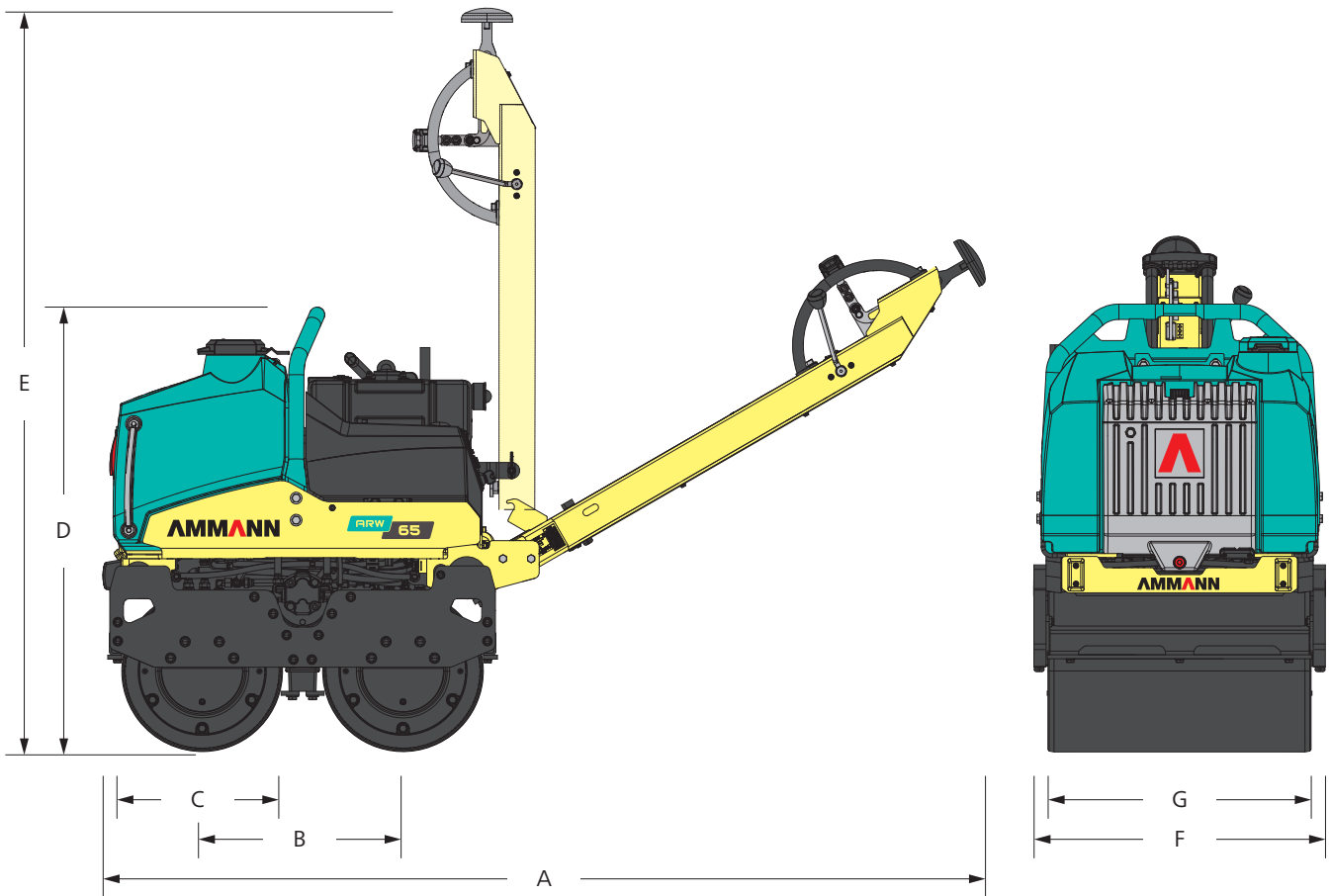
The Yanmar version comes with an electric starter as standard. The Hatz version offers an electric starter as an option.



### 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
OPERATING WEIGHT	719 kg (1585 lb)	712 kg (1570 lb)
OPERATING WEIGHT (WITH E-START)	744.5 kg (1641 lb)	719 kg (1585 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	65 Hz (3900 vpm)	65 Hz (3900 vpm)
MAX. CENTRIFUGAL FORCE	14/23 kN (2147 / 5171 lbf)	14/23 kN (2147 / 5171 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 1D42	Yanmar L100V
FUEL	Diesel	Diesel
ENGINE OUTPUT AT RPM	6.4 kW (8.6 HP) 2800	6.1 kW (8.2 HP) 2800
FUEL CONSUMPTION	1.7 l/h (0.4 gal/h)	1.2 l/h (0.32 gal/h)

## MISCELLANEOUS

SPEED (FORWARD)	67 m/min (2.5 mph)	67 m/min (2.5 mph)
SPEED (BACKWARD)	42 m/min (1.6 mph)	42 m/min (1.6 mph)
GRADEABILITY W./W.O. VIBRATION	25% / 45%	25% / 44%
FUEL CAPACITY	5 l (1.3 gal)	4.7 l (1.2 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.

### 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

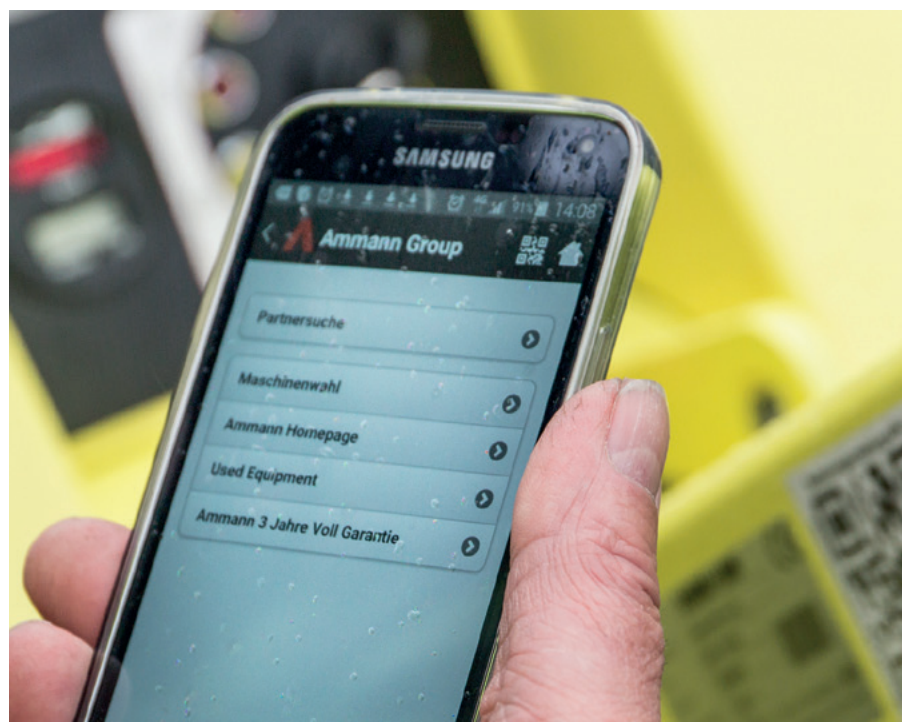
Many maintenance kits feature QR codes that link to videos with helpful demonstrations that walk you or your technician through the process. The videos tell the story without dialogue so customers anywhere in the world can understand.



APPLE STORE



ANDROID STORE



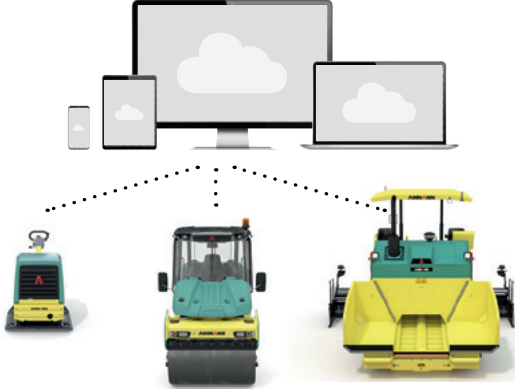


# DELIVERING THE DATA THAT MATTERS

## SERVICELINK

**Ammann ServiceLink is a digital data management tool that provides customers with the information they want the most: machine location, battery status and hours. Data transfer is automatic thanks to new hardware, and access to the information is only a click away.**

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.




**HIGHLIGHTS**


- Supplies machine location, operating hours, battery status
- Requires no subscription fees for Light Equipment
- Provides one-click access to data
- Reliably transmits data from machines, no matter where they are
- Streamlines fleet upgrades (retrofit option)
- Easy to install

**DOWNLOAD THE MOBILE APP OR USE THE DESKTOP APPLICATION**

- ServiceLink Mobile App  
Manage your equipment – anytime and anywhere.
- ServiceLink Web Portal  
Organize and manage multiple construction sites in the workplace.



App Store



Google Play

Go to [MyAmmann.com](https://www.mymann.com) for Ammann ServiceLink Web Portal

# 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)

