

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, as well as a petrol option for the ARW 65-S. All are powerful and fulfill the applicable world-wide emission standards.



ARW 65 HATZ

Operating weight: 703 kg (1549 lb)
Max. operating weight: 713 kg (1571 lb)



ARW 65 YANMAR

Operating weight: 687 kg (1514 lb)
Max. operating weight: 694 kg (1530 lb)

“ THE ARW IS ONE OF THE MOST VERSATILE MACHINES ON THE MARKET. IT DELIVERS OPTIMUM COMPACTION RESULTS ON SUBSTRUCTURES AND ASPHALT SURFACES. ”



ARW 65-S HATZ

Operating weight: 812 kg (1790 lb)
Max. operating weight: 822 kg (1812 lb)



ARW 65-S YANMAR

Operating weight: 793 kg (1748 lb)
Max. operating weight: 800 kg (1764 lb)



ARW 65-S HONDA

Operating weight: 777 kg (1713 lb)
Max. operating weight: 784 kg (1728 lb)





APPLICATIONS

- Earthworks and asphalt applications
- Sidewalk/cycle path construction & repair
- Sports grounds
- Agricultural road 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

Ensures precise speed adjustment

Good side clearance

Permits tight work against walls and kerbs

Integrated sprinkler system

Prevents asphalt from caking on the drums

Innovative steering

The ARW 65-S model can be moved to the left and right (15°) via the control handle

ERGONOMICS

Dead man's handle

Automatic shutt-off keeps operators safe

Automatic parking brake

Prevents machine rolling

Height-adjustable guide handle

Optimises operating comfort for operators of any height

Maximum reversing speed reduced to 2.5 km/h (1.6 mph)

Ensures operators maintain control when working in reverse mode

Short draw bar (ARW 65-S)

For optimal handling and easy transport

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?

INNOVATIVE STEERING

15° steering angle towards the left and right (ARW 65-S) in addition to the forward and backward movement (ARW 65).

ENGINE OPTIONS

The ARW 65 and ARW 65-S are available with two diesel engines (Hatz or Yanmar), while the ARW 65-S is additionally available with a petrol engine (Honda).

WATER LEVEL INDICATOR

FULLY HYDRAULIC DRIVE

Ensures variable speed adjustment and smooth starting/stopping, 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

Fabricated from anti-corrosive materials and has a large capacity (60 litres/15.8 gallons).

DRIVE SYSTEM

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

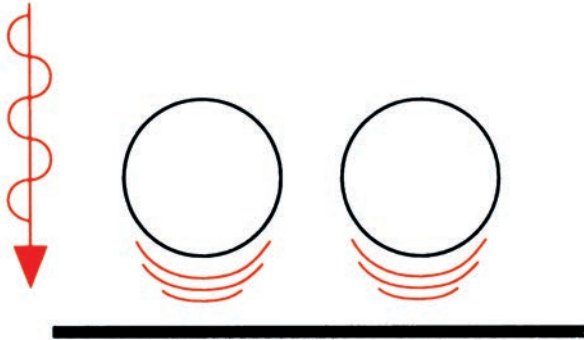
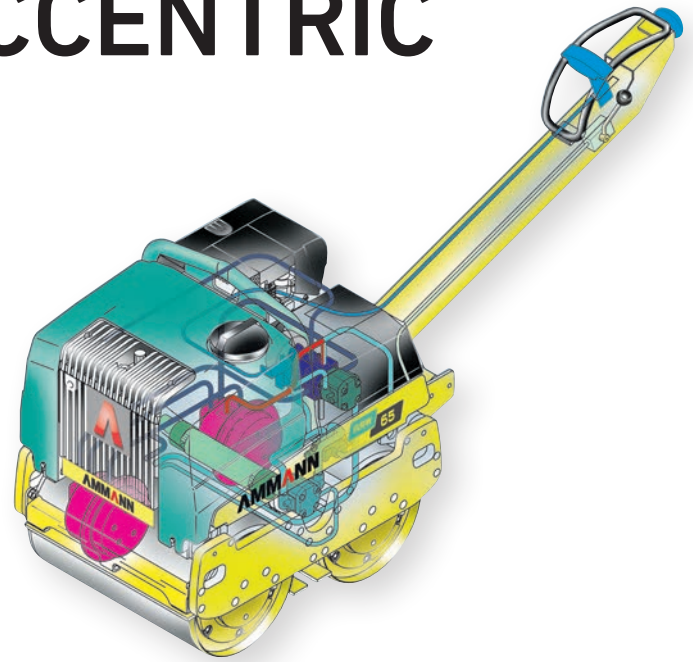
HYDRAULIC COOLING SYSTEM

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

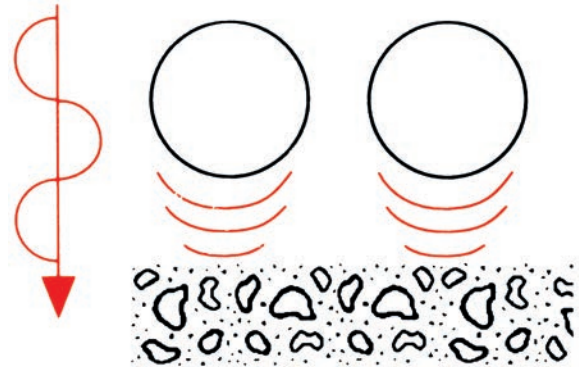
ADJUSTABLE ECCENTRIC WEIGHTS

EFFICIENCY ON EVERY SUBSTRATE

The rollers excel on both substructures and asphalt surfaces. Adjustable eccentric weights for setting the amplitude and an integrated, 60-litre (15.8 gallons) water tank (standard) ensure the machine is always ready for use and can switch quickly from loose substrate to asphalt. The walk-behind rollers from Ammann are therefore the ideal addition to any fleet.



0.15 mm (0.005 in) AMPLITUDE FOR ASPHALT APPLICATIONS



0.3 mm (0.01 in) AMPLITUDE FOR SUB-STRUCTURE APPLICATIONS



INNOVATIVE STEERING

15° STEERING ANGLE ENABLES MOVEMENT IN EVERY DIRECTION

The ARW 65 model only engages forward and reverse movements. With the ARW 65-S version, the control handle can also turn the machine to the right and left (15°).

The effortless lateral movement is a significant advantage. Body weight is not required to direct the machine, which is often the case with competitive models. This improvement keeps operators fresh, eliminates surface irregularities and provides consistency throughout the shift.



SPECIFICATIONS

ARW 65 AND ARW 65-S

DIMENSIONS & WEIGHTS



	ARW 65 Hatz	ARW 65 Yanmar	ARW 65-S Hatz	ARW 65-S Yanmar	ARW 65-S Honda
OPERATING WEIGHT CECE	703 kg (1549 lb)	687 kg (1514 lb)	812 kg (1790 lb)	793 kg (1748 lb)	777 kg (1713 lb)
OPERATING WEIGHT CECE (E-START)	713 kg (1571 lb)	694 kg (1530 lb)	822 kg (1812 lb)	800 kg (1764 lb)	784 kg (1728 lb)
MACHINE LENGTH	2288 mm (90.1 in)	2288 mm (90.1 in)	2004 mm (78.9 in)	2004 mm (78.9 in)	2004 mm (78.9 in)
WHEEL BASE	500 mm (19.7 in)	500 mm (19.7 in)	600 mm (23.6 in)	600 mm (23.6 in)	600 mm (23.6 in)
DRUM DIAMETER	400 mm (15.7 in)	400 mm (15.7 in)	400 mm (15.7 in)	400 mm (15.7 in)	400 mm (15.7 in)
MACHINE HEIGHT	1110 mm (43.7 in)	1110 mm (43.7 in)	1207 mm (47.5 in)	1207 mm (47.5 in)	1207 mm (47.5 in)
TRANSPORT HEIGHT	1835 mm (72.2 in)	1835 mm (72.2 in)	1650 mm (65.0 in)	1650 mm (65.0 in)	1650 mm (65.0 in)
MACHINE WIDTH	720 mm (28.3 in)	720 mm (28.3 in)	720 mm (28.3 in)	720 mm (28.3 in)	720 mm (28.3 in)
DRUM WIDTH	650 mm (25.6 in)	650 mm (25.6 in)	650 mm (25.6 in)	650 mm (25.6 in)	650 mm (25.6 in)

ENGINE

ENGINE	1D42	L100V	1D42	L100V	GX390
FUEL	Diesel	Diesel	Diesel	Diesel	Petrol
ENGINE OUTPUT	6.4 kW (8.6 HP)	6.1 kW (8.2 HP)	6.4 kW (8.6 HP)	6.1 kW (8.2 HP)	7.8 kW (10.5 HP)
AT RPM	2800	2800	2800	2800	2800
FUEL CONSUMPTION	2.3 l/h (0.6 gal/h)	2.5 l/h (0.7 gal/h)	2.3 l/h (0.6 gal/h)	2.5 l/h (0.7 gal/h)	3.0 l/h (0.8 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	65 Hz (3900 vpm)	65 Hz (3900 vpm)	65 Hz (3900 vpm)	65 Hz (3900 vpm)	65 Hz (3900 vpm)
MAX. CENTRIFUGAL FORCE	14 / 23 kN (2147 / 5171 lbf)	14 / 23 kN (2147 / 5171 lbf)	14 / 23 kN (2147 / 5171 lbf)	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)	6.3 kg / cm (35.4 lb / in)	6.1 kg / cm (34.2 lb / in)	6.0 kg / cm (33.5 lb / in)
AMPLITUDE	0.3 / 0.15 mm (0.01 / 0.005 in)	0.3 / 0.15 mm (0.01 / 0.005 in)	0.3 / 0.15 mm (0.01 / 0.005 in)	0.3 / 0.15 mm (0.01 / 0.005 in)	0.3 / 0.15 mm (0.01 / 0.005 in)
MAX. COMPACTION DEPTH (SOIL)	20 / 15 cm (7.9 / 5.9 in)	20 / 15 cm (7.9 / 5.9 in)	20 / 15 cm (7.9 / 5.9 in)	20 / 15 cm (7.9 / 5.9 in)	20 / 15 cm (7.9 / 5.9 in)
MAX. COMPACTION DEPTH (SAND)	30 / 25 cm (9.8 / 11.8 in)	30 / 25 cm (9.8 / 11.8 in)	30 / 25 cm (9.8 / 11.8 in)	30 / 25 cm (9.8 / 11.8 in)	30 / 25 cm (9.8 / 11.8 in)

MISCELLANEOUS

SPEED (FORWARD)	67 m/min (2.5 mph)	67 m/min (2.5 mph)	67 m/min (2.5 mph)	67 m/min (2.5 mph)	67 m/min (2.5 mph)
SPEED (REVERSE)	42 m/min (1.6 mph)	42 m/min (1.6 mph)	42 m/min (1.6 mph)	42 m/min (1.6 mph)	42 m/min (1.6 mph)
GRADEABILITY W./W.O. VIBRATION	25 % / 45 %	25 % / 44 %	25 % / 45 %	25 % / 44 %	25 % / 44 %
FUEL CAPACITY	5 l (1.3 gal)	4,7 l (1.2 gal)	5 l (1.3 gal)	4,7 l (1.2 gal)	4,7 l (1.2 gal)
WATER TANK CAPACITY	60 l (15.8 gal)	60 l (15.8 gal)	60 l (15.8 gal)	60 l (15.8 gal)	60 l (15.8 gal)
STEERING ANGLE	-	-	15°	15°	15°



“ 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. ”





OPTIONAL EQUIPMENT

CUSTOMISED FOR 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.

OPTIONS

	ARW 65 Hatz	ARW 65 Yanmar	ARW 65-S Hatz	ARW 65-S Yanmar	ARW 65-S Honda
OPERATING HOUR METER	✓	✓	✓	✓	✓
LED WORKING LIGHT	✓	✓	✓	✓	✓
HAND PROTECTION HANDLE	✓	✓	✓	✓	✓
E-START	✓	Standard	Standard	Standard	Standard
CRANK HANDLE	Standard w/o e-start / Optional with e-start	✗	✓	✗	✗
EXTERNAL STARTING DEVICE	Standard with e-start	✓	Standard	✓	✗
AMMANN SERVICELINK (TELEMATICS)	✓	✓	✓	✓	✓

✓ = Available / ✗ = Not available



OPERATING HOUR METER

The optional working-hour meter helps you track usage and monitor maintenance needs.



LED WORKING LIGHTS

Extra lights for work at dawn, dusk and night.

ELECTRIC START

(STANDARD FOR ALL ARW 65-S MODELS AND ARW 65 YANMAR MODEL; OPTIONAL ON THE ARW 65 HATZ MODEL)

Starting is easy, with no need for cranking.



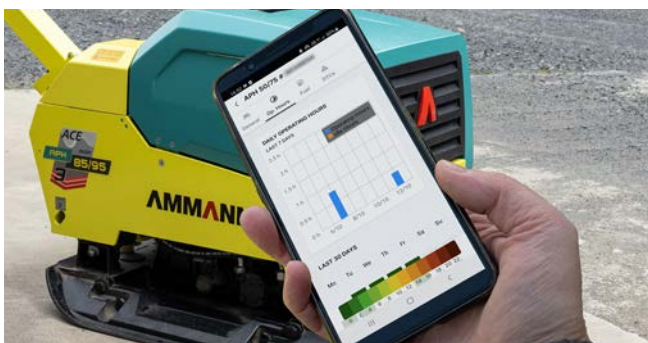
SERVICELINK

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 the first 3 years on Ammann Light Equipment
- Provides one-click access to data
- Reliably transmits data from machines, no matter where they are
- Compatible with all machines produced by Ammann or other manufacturers
- 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.ammann.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

