

# ARW 65

## WALK-BEHIND ROLLER



### A 2-IN-1 MACHINE

The ARW 65 provides two-in-one capabilities that make it the perfect fit for every construction company. A high-amplitude setting provides a walk-behind roller that performs like it was custom built for work on soils and aggregates. By simply adjusting to the low-amplitude the operator can change to a roller that is a perfect fit on asphalt and bituminous materials. The machine is available with Hatz or Yanmar diesel engines, leaving the engine choice up to the customers preferences.

### SOIL AND BITUMEN APPLICATION

- High-amplitude setting for work on gravel/soil.
- Low-amplitude setting for asphalt and bituminous materials.
- Scrapers, sprinkler system and large water tank for work on bituminous material already installed.

### HYDRAULIC DRIVE

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

### TWO AMPLITUDES

- Big amplitude (0.3 mm) for substructure
- Small amplitude (0.15 mm) for asphalt

### EFFICIENCY ON EDGES

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

### SAFETY FIRST

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

### APPLICATIONS

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

**AMMANN**

## TECHNICAL SPECIFICATIONS

### ARW 65 WALK-BEHIND ROLLER

## WEIGHT & DIMENSIONS

	HATZ	YANMAR
OPERATING WEIGHT CECE	703 kg (1549 lb)	687 kg (1514 lb)
MAX. WEIGHT (WITH ELECTRIC START & OPTIONS)	713 kg (1571 lb)	694 kg (1530 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)

## ENGINE

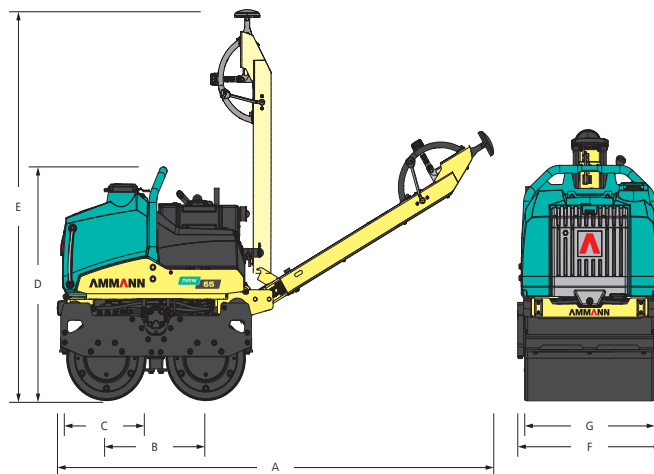
ENGINE	Hatz 1D42	Yanmar L100V
FUEL	Diesel	Diesel
ENGINE OUTPUT AT RPM	6.4 kW (8.6 HP) 2800	6.1 kW (8.2 HP) 2800
FUEL CONSUMPTION	2.3 l/h (0.6 gal/h)	2.5 l (0.7 gal/h)

## 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 / 0.15 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)
MAX. COMPACTION DEPTH (SAND)	30/25 cm (11.8/9.8 in)	30/25 cm (11.8/9.8 in)

## STANDARD EQUIPMENT

- Hydrostatic adjustable eccentric weights for 2 working modes
- Ergonomic handle
- Dead man handle for operator safety
- Integrated hydraulic parking brake
- 60l water tank with sprinkler system
- Scrapers on front and back drum
- Electric starter (Yanmar version)
- 3 year extended warranty program



## MISCELLANEOUS

	HATZ	YANMAR
SPEED (FORWARD)	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)
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)

## OPTIONAL EQUIPMENT

- Operating hour meter
- LED working lights
- Electric starter (Hatz version)
- Ammann ServiceLink (Telematics)