

# ARW 65-S

## WALK-BEHIND ROLLER WITH STEERING

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



### 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)

### STANDARD EQUIPMENT

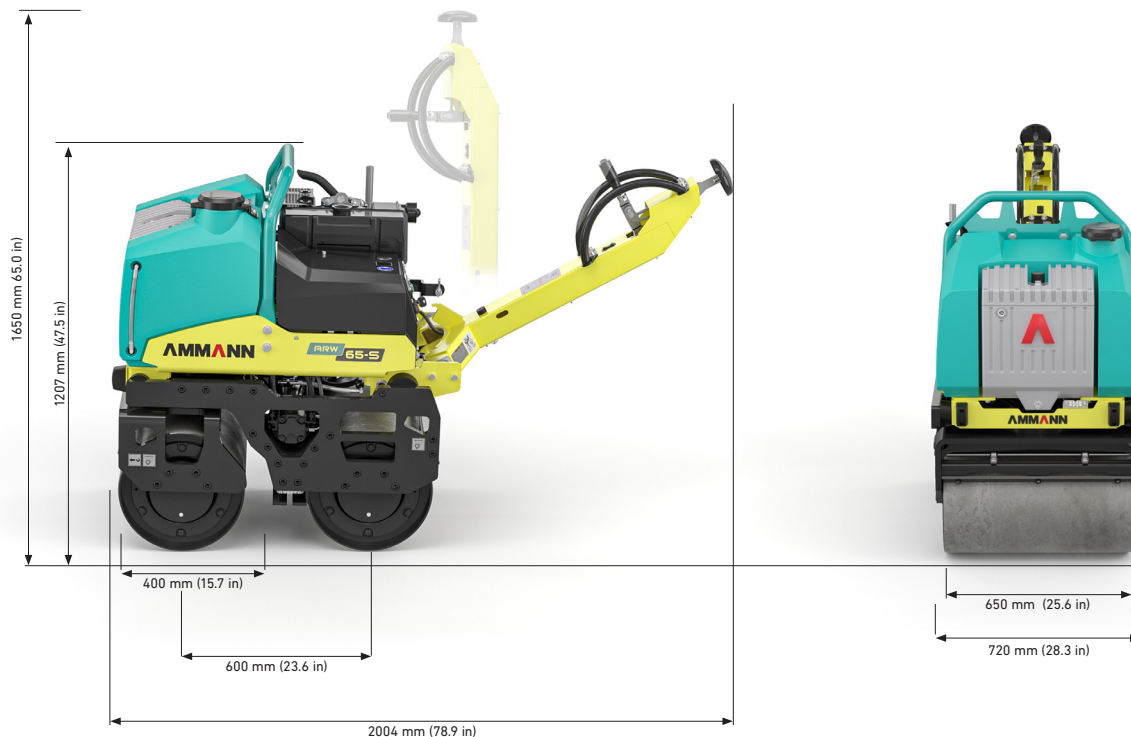
- Hydrostatic adjustable eccentric weights for 2 working modes
- Ergonomic handle
- Dead man’s handle for operator safety
- Integrated hydraulic parking brake
- 60-litre water tank with sprinkling system
- Front- and back-drum scrapers
- Electric starter
- 3-year extended warranty program

### OPTIONAL EQUIPMENT

- Operating hour meter
- LED working lights
- Protective handle
- Ammann ServiceLink (Telematics)

## TECHNICAL SPECIFICATIONS

### ARW 65-S



#### WEIGHT & DIMENSIONS

	HONDA
OPERATING WEIGHT CECE	777 kg (1713 lb)
MAX. WEIGHT (WITH ELECTRIC START AND OPTIONS)	784 kg (1728 lb)
MACHINE LENGTH	2004 mm (78.9 in)
WHEEL BASE	600 mm (23.6 in)
DRUM DIAMETER	400 mm (15.7 in)
MACHINE HEIGHT	1207 mm (47.5 in)
TRANSPORT HEIGHT	1650 mm (65.0 in)
MACHINE WIDTH	720 mm (28.3 in)
DRUM WIDTH	650 mm (25.6 in)

#### COMPACTION FORCES

MAX. VIBRATION FREQUENCY	65 Hz (3900 rpm)
MAX. CENTRIFUGAL FORCE	14/23 kN (3147 / 5171 lbf)
LINEAR PRESSURE	6.0 kg/cm (33.5 lb/in)
AMPLITUDE	0.3 / 0.15 mm (0.01 / 0.005 in)
MAX. COMPACTION DEPTH (SOIL)	20 / 15 cm (7.9 / 5.9 in)
MAX. COMPACTION DEPTH (SAND)	30 / 25 cm (11.8 / 9.8 in)

#### ENGINE

ENGINE	Honda GX390
FUEL	Petrol
ENGINE OUTPUT AT RPM	7.8 kW (10.5 HP) 2800
FUEL CONSUMPTION	3 l/h (0.8 gal/h)

#### MISCELLANEOUS

SPEED (FORWARD)	67 m/min (2.5 mph)
SPEED (REVERSE)	42 m/min (1.6 mph)
GRADEABILITY W. / W.O. VIBRATION	25% / 44%
FUEL CAPACITY	4.7 l (1.2 gal)
WATER TANK CAPACITY	60 l (15.8 gal)
STEERING ANGLE	15°



AWR 65-S Walk-Behind Roller with 15° steering angle