

# 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

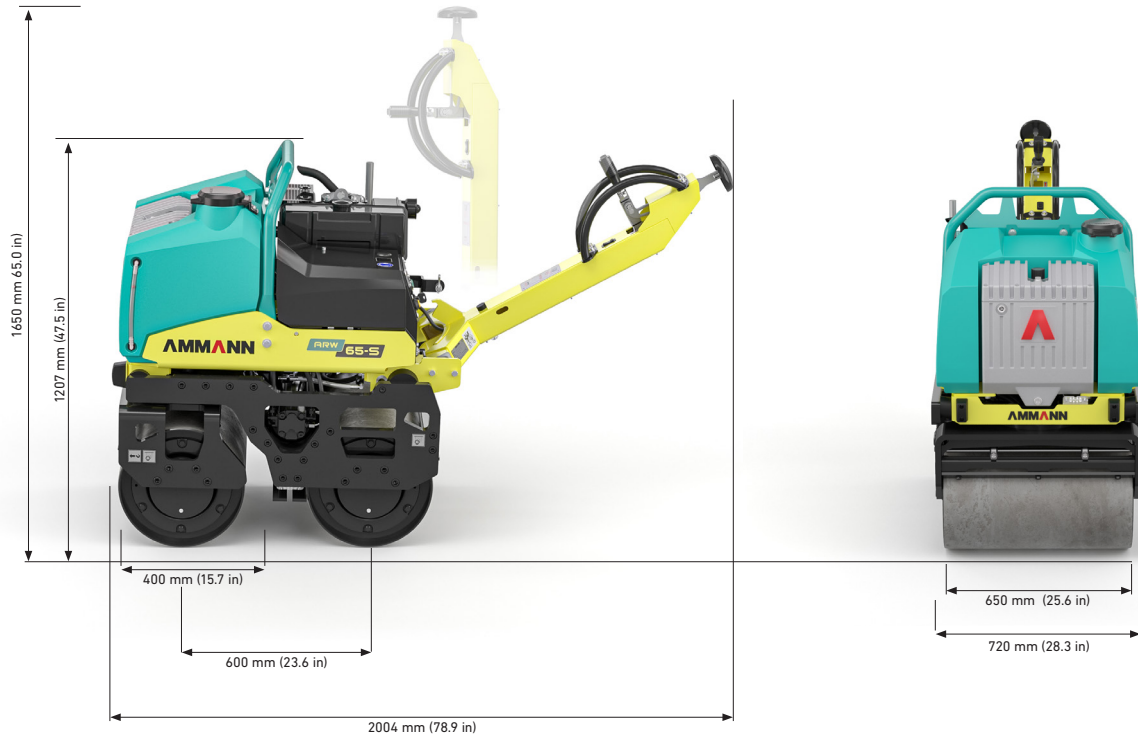
- Hydrostatic adjustable eccentric weights for 2 working modes
- Ergonomic handle
- Dead man’s handle for operator safety
- Integrated hydraulic parking brake
- 60-litre water tank with sprinkling system
- Front- and back-drum scrapers
- Electric starter
- Remote starter (Hatz-E-Start version)
- 3-year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

### OPTIONAL EQUIPMENT

- Operating hour meter
- LED working lights
- Remote starter (Yanmar version)
- Starting handle (Hatz-E-Start version)
- Protective handle
- Ammann ServiceLink (Telematics)

## TECHNICAL SPECIFICATIONS

### ARW 65-S



#### WEIGHT & DIMENSIONS

	HATZ	YANMAR	HONDA
OPERATING WEIGHT	812 kg	793 kg	777 kg
CECE	(1790 lb)	(1748 lb)	(1713 lb)
MAX. WEIGHT (WITH ELECTRIC START AND OPTIONS)	822 kg	800 kg	784 kg
	(1812 lb)	(1764 lb)	(1728 lb)
MACHINE LENGTH	2004 mm	2004 mm	2004 mm
	(78.9 in)	(78.9 in)	(78.9 in)
WHEEL BASE	600 mm	600 mm	600 mm
	(23.6 in)	(23.6 in)	(23.6 in)
DRUM DIAMETER	400 mm	400 mm	400 mm
	(15.7 in)	(15.7 in)	(15.7 in)
MACHINE HEIGHT	1207 mm	1207 mm	1207 mm
	(47.5 in)	(47.5 in)	(47.5 in)
TRANSPORT HEIGHT	1650 mm	1650 mm	1650 mm
	(65.0 in)	(65.0 in)	(65.0 in)
MACHINE WIDTH	720 mm	720 mm	720 mm
	(28.3 in)	(28.3 in)	(28.3 in)
DRUM WIDTH	650 mm	650 mm	650 mm
	(25.6 in)	(25.6 in)	(25.6 in)

#### COMPACTION FORCES

	HATZ	YANMAR	HONDA
MAX. VIBRATION FREQUENCY	65 Hz	65 Hz	65 Hz
	(3900 rpm)	(3900 rpm)	(3900 rpm)
MAX. CENTRIFUGAL FORCE	14/23 kN	14/23 kN	14/23 kN
	(3147/5171 lbf)	(3147/5171 lbf)	(3147 / 5171 lbf)
LINEAR PRESSURE	6.3 kg/cm	6.1 kg/cm	6.0 kg/cm
	(35.4 lb/in)	(34.2 lb/in)	(33.5 lb/in)
AMPLITUDE	0.3 / 0.15 mm	0.3 / 0.15 mm	0.3 / 0.15 mm
	(0.01 / 0.005 in)	(0.01 / 0.005 in)	(0.01 / 0.005 in)
MAX. COMPACTION DEPTH (SOIL)	20 / 15 cm	20 / 15 cm	20 / 15 cm
	(7.9 / 5.9 in)	(7.9 / 5.9 in)	(7.9 / 5.9 in)
MAX. COMPACTIN DEPTH (SAND)	30 / 25 cm	30 / 25 cm	30 / 25 cm
	(11.8 / 9.8 in)	(11.8 / 9.8 in)	(11.8 / 9.8 in)

#### ENGINE

	HATZ	YANMAR	HONDA
ENGINE	1D42	L100V	GX390
FUEL	Diesel	Diesel	Petrol
ENGINE OUTPUT AT RPM	6.4 kW (8.6 HP)	6.1 kW (8.2 HP)	7.8 kW (10.5 HP)
	2800	2800	2800
FUEL CONSUMPTION	2.3 l/h	2.5 l/h	3 l/h
	(0.6 gal/h)	(0.7 gal/h)	(0.8 gal/h)

#### MISCELLANEOUS

SPEED (FORWARD)	67 m/min	67 m/min	67 m/min
	(2.5 mph)	(2.5 mph)	(2.5 mph)
SPEED (REVERSE)	42 m/min	42 m/min	42 m/min
	(1.6 mph)	(1.6 mph)	(1.6 mph)
GRADEABILITY W. / W.O. VIBRATION	25% / 45%	25% / 44%	25% / 44%
FUEL CAPACITY	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)
STEERING ANGLE	15°	15°	15°



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