

# 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

|   | 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<br>(3147 / 5171 lbf)      |
| LINEAR PRESSURE              | 6.0 kg/cm<br>(33.5 lb/in)          |
| AMPLITUDE                    | 0.3 / 0.15 mm<br>(0.01 / 0.005 in) |
| MAX. COMPACTION DEPTH (SOIL) | 20 / 15 cm<br>(7.9 / 5.9 in)       |
| MAX. COMPACTION DEPTH (SAND) | 30 / 25 cm<br>(11.8 / 9.8 in)      |

#### ENGINE

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

#### MISCELLANEOUS

|                                  | YANMAR                |
|----------------------------------|-----------------------|
| SPEED (FORWARD)                  | 67 m/min<br>(2.5 mph) |
| SPEED (REVERSE)                  | 42 m/min<br>(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