

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



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)



Application

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



Efficiency on Edges

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



Hydraulic Drive

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



Two Amplitude

- Big amplitude (0.5 mm) for substructure
- Small amplitude (0.3 mm) for asphalt

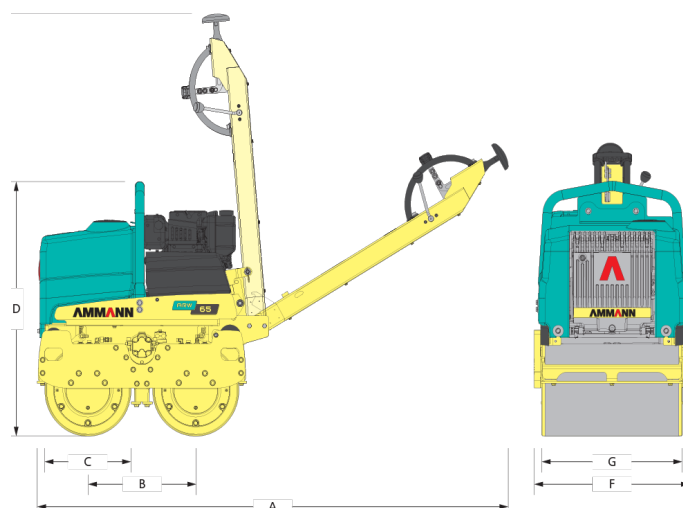
Technical Specification

ARW 65 Walk-Behind Roller



Weight & Dimensions

	HATZ	YANMAR
Operating weight cece	719 kg (1585 lb)	712 kg (1570 lb)
Max. weight (with electric start & options)	744.5 kg (1641 lb)	719 kg (1585 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)



Compaction Forces

Max. vibration frequency	Hatz 1D42	Yanmar L100N
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)	0.3/0.5 mm (0.012/0.02 in)
Amplitude	0.3 / 0.5 mm (0.012 / 0.02 in)	0.3 / 0.5 mm (0.012 / 0.02 in)
Max. compaction depth (Soil)	20/15 cm (7.9/5.9 in)	20/15 mm (7.9/5.9 in)
Max. compaction depth (Sand)	30/25 cm (11.8/9.8 in)	30/25 mm (11.8/9.8 in)



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)
Grade ability w./w.o. vibration	25% / 45%	25% / 44%
Fuel capacity	5 l (1.3 gal)	4.7 l (1.2 gal)
Water tank capacity	30/25 cm	30/25 mm

Engine

Engine	Hatz 1D42	Yanmar L100N
Fuel	Diesel	Diesel
Engine output At RPM	6.4 kW (8.6 HP) 2800	6.1 kW (8.2 HP) 2800
Fuel consumption	1.7 l/h (0.4 gal/h)	1.2 l (0.3 gal/h)

Standard Equipment

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

Optional Equipment

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

PT SEJAHTERA TRIDAYA PRIMA

Plaza Aminta 2nd Floor Suite 202
Jl. Let. Jend. TB. Simatupang Kav. 10
Jakarta Selatan 12310
Indonesia

 stp-pumps.com

For more information,
please contact us at:
info@sejahtera-eng.com

