

ATLAS Teamwork

AW 1070



- powerful drive
- optimal traction
- advanced compaction technology

ATLAS
WEYHAUSEN

TECHNICAL SPECIFICATION AW 1070 / AW 1070 PD*

Weight		AW 1070	AW 1070 PD*
Operating weight CECE	kg	7100	7250
Weight on front	kg	3800	4100
Weight on rear	kg	3300	3150

Compaction performance			
Linear drum load	kg/cm	22.40	
Amplitude high / low	mm	1.6 / 0.7	1.6 / 0.7
Frequency at high/low Amplitude	Hz	30 / 40	30 / 40
Centrifugal force at high/low Ampl.	kN	120 / 90	120 / 90

Drum			
Drum width	mm	1700	1700
Drum diameter	mm	1250	1140
Drum shell thickness	mm	20	15

Drive			
Speed	km/h	0-10**	0-10**
Angular movement	°	±12	±12
Gradeability w/wo vibration	%	45 / 50	45 / 50
Tyres		16.9-24	16.9-24 TR

Engine			
Model		Perkins	Perkins
Type		I 104D-44T	I 104D-44T
Output		kW 62 (84 HP)	62 (84 HP)

Tank capacities			
Fuel capacity	l	167	167
Hydraulic oil capacity	l	68	68

Standard equipment

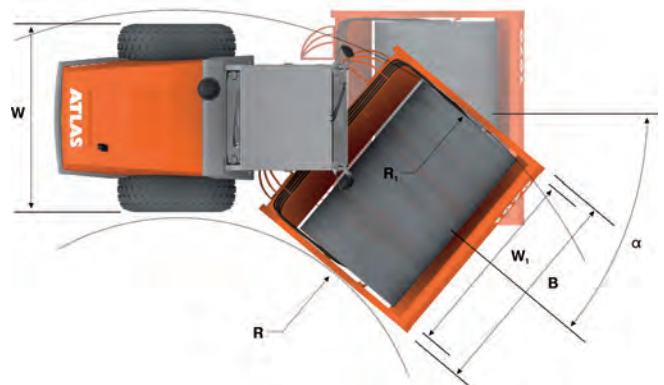
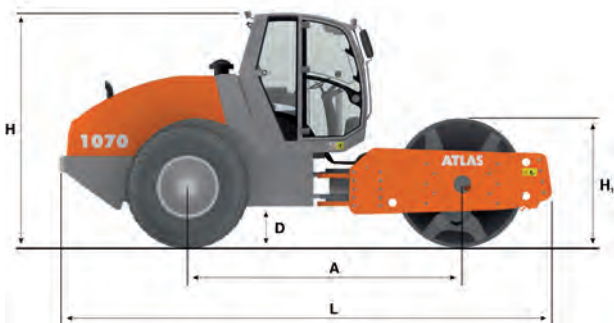
- ROPS-Cabin with tinted glass, 2 doors, both sides divided
- Low-maintenance centre-pivot steering
- Low-maintenance vibratory system with 2 amplitudes and frequencies
- No-spin rear axle
- Two-stage hydrostatic drive and traction control at the drum
- Both drives equipped with spring-loaded brake
- Adjustable driver's seat with armrest, adjustable steering column
- Emergency switch
- 4 working headlights
- Adjustable scraper
- Hot water heating with fresh-air fan

Options:

- Canopy version with ROPS roll bar and waterproof seat
- Air conditioning (not for Canopy version)
- Padfoot shell kit (3-part) for modification of a smooth drum
- Spring steel scraper blade (for smooth drum only)
- Vulcolan scraper blade (for smooth drum only)
- Cyclone dust separator
- Battery main switch
- Reverse gear alarm
- Rotating light
- Radio
- Radio preparation
- Special colour
- ATLAS hydraulic fluid (environment-friendly)
- Compaction measurement (digital display)
- Preparation for compaction measurement
- With HD-Drive - 4stage

Dimensions (in mm)		AW 1070	AW 1070 PD*
Distance between axles	A	2720	2720
Width	B	1850	1850
Road clearance	D	375	375
Height	H	2723	2728
Drum diameter	H ₁	1250	1140
Length	L	5032	5032
Inside turning radius	R	3900	3900
Outside turning radius	R ₁	5600	5600
Width above tyres	W	1700	1700
Drum width	W ₁	1700	1700
Angle of steering lock	α	±30°	±30°

* PD = padfoot drum
 ** In HD-drive 0 - 12 km/h



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Subject to technical alterations.

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