

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	4200
Weight on rear	kg	3300	3150

Compaction performance

		AW 1070	AW 1070 PD*
Linear drum load	kg/cm	22.40	
Amplitude high / low	mm	1.8 / 0.8	1.8 / 0.8
Frequency at high/low Amplitude	Hz	30 / 40	30 / 40
Centrifugal force at high/low Ampl.	kN	120 / 90	120 / 90

Drum

		AW 1070	AW 1070 PD*
Drum width	mm	1700	1700
Drum diameter	mm	1250	1140
Drum shell thickness	mm	20	15

Drive

		AW 1070	AW 1070 PD*
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

		Perkins	Perkins
Model		1104C-44	1104C-44
Type		1104C-44	1104C-44
Output	kW	61.5 (84 HP)	61.5 (84 HP)

Tank capacities

		AW 1070	AW 1070 PD*
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

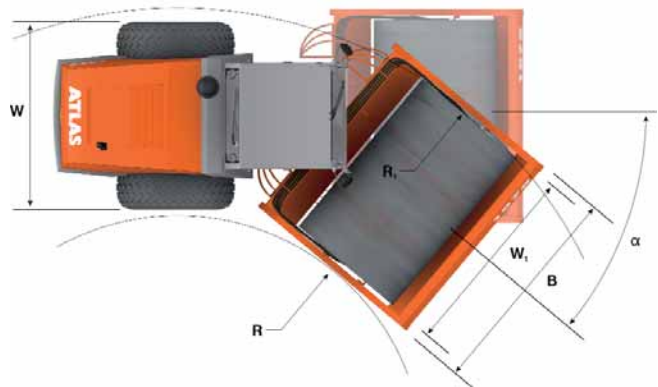
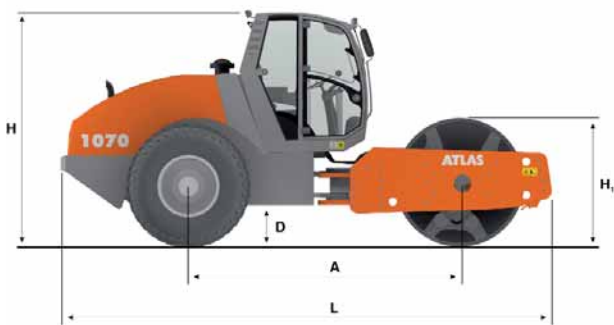
Options:

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)
 Compaction measurement with documentation
 Preparation for compaction measurement

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



Subject to technical alterations.

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