

ATLAS Teamwork

AW 1140



- powerful drive
- optimal traction
- advanced compaction technology

ATLAS
WEYHAUSEN

TECHNICAL SPECIFICATION AW 1140 / AW 1140 PD*

Weight		AW 1140	AW 1140 PD*
Operating weight CECE	kg	13900	14200
Weight on front	kg	8000	8300
Weight on rear	kg	5900	5900

Compaction performance

Linear drum load	kg/cm	38.00	
Amplitude high / low	mm	1.9 / 0.7	1.9 / 0.7
Frequency at high/low Amplitude	Hz	30 / 40	30 / 40
Centrifugal force at high/low Ampl.	kN	280 / 180	280 / 180

Drum

Drum width	mm	2100	2100
Drum diameter	mm	1500	1390
Drum shell thickness	mm	30	30

Drive

Speed	km/h	0-12.5	0-12.5
Angular movement	°	±12	±12
Gradeability w/wo vibration	%	40 / 45	40 / 45
Tyres		23.1-26	23.1-26 TR

Engine

Model		Deutz	Deutz
Type		TCD 2012 L4	TCD 2012 L4
Output	kW	103 (140 HP)	103 (140 HP)

Tank capacities

Fuel capacity	l	300	300
Hydraulic oil capacity	l	106	106

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
 Four-stage hydrostatic drive and traction control
 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

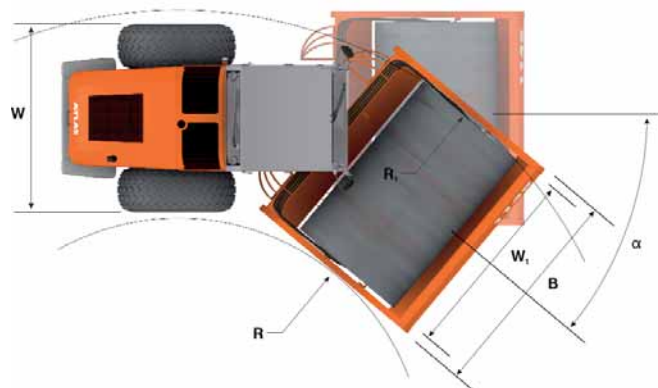
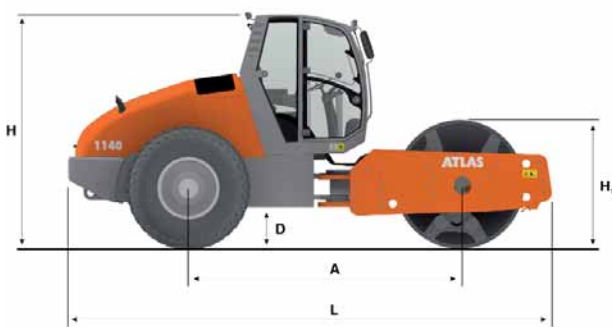
Options

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
 Turnable driver's seat
 Fuel-efficient ECO-Speed option

Dimensions (in mm)

		AW 1140	AW 1140 PD*
Distance between axles	A	3195	3195
Width	B	2270	2270
Road clearance	D	490	490
Height	H	2920	2920
Drum diameter	H ₁	1500	1390
Length	L	5757	5757
Inside turning radius	R	4860	4860
Outside turning radius	R ₁	7015	7015
Width above tyres	W	2090	2090
Drum width	W ₁	2100	2100
Angle of steering lock	α	±30°	±30°

* PD = padfoot drum



Subject to technical alterations.

F.Weyhausen AG & Co. KG
 Maschinenfabrik
 Visbeker Straße 35
 D-27793 Wildeshausen
 Telephone +49 (0)44 31/981-0
 Fax +49 (0)44 31/981-225
 www.atlaswalzen.com

ATLAS
 WEYHAUSEN