

AMMANN



Machines

Single Drum Rollers

ASC 100/120 Tier 1

www.ammann-group.com

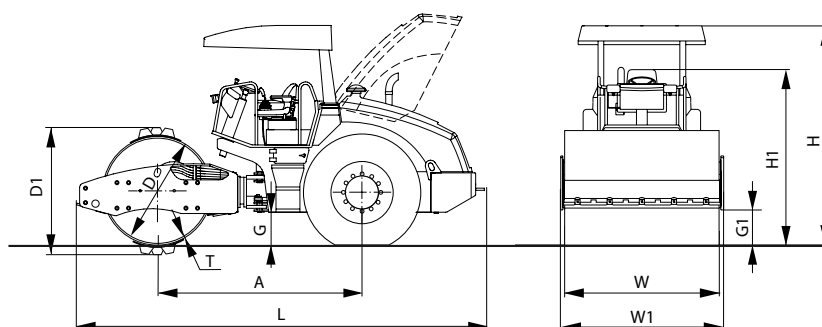


The proven single drum rollers ASC 100 and ASC 120 offer best price-productivity ratio. Based on the concept of the ASC line, the ASC 100/120 are highly reliable and effective soil compactors. The machines are simple to operate and maintain. The ASC 100 /120 are state-of-the-art machines with maximum utilization value.

Maximise power and productivity

Outstanding traction and travel performance are guaranteed by the hydrostatic drive of both wheels and drum. The machines are suitable for compaction of a wide range of soil, from silt to crushed stones. Compaction results are on the top end of its class. The machines are equipped with an efficient turbocharged Cummins engine and reliable Rexroth hydraulics. Both machines are available in PD version.

Dimensions in mm	A	D	D1	G	H	H1	L	T	W	W1
ASC 100/120	2820	1500	-	450	3027	2375	5630	25	2130	2250
ASC 100/120 PD	2820	1440	1640	450	3027	2375	5630	20	2130	2250



Technical Specifications



Standard version

- Operator platform with rails
- Lockable vandal guard
- Smooth or padfoot (PD) drum

Optional items

- Cab ventilated heated
- Engine air pre-cleaner
- Working speed increase (up to 7 km/h)
- Ammann traction optimizer
- ROPS protection structure
- Sun canopy
- Padfoot segments
- Toolbox
- Set of tools
- Air Conditioning for Cab
- Compaction meter

		ASC 100		ASC 120	
		D	PD	D	PD
Weights					
Operating weight (CECE)	kg	10120	10860	11500	12060
Operating weight max.	kg	12280	11100	13480	12300
Drum load CECE	kg	5300	6040	6350	6910
Axle load CECE	kg	4820	4820	5150	5150
Static linear load (drum)	kg/cm	24,9	-	29,8	-
Drum and Axle					
Working width	mm	2130	2130	2130	2130
Drum diameter	mm	1500	1440	1500	1440
Drum shell thickness	mm	25	20	25	20
Number of pads	mm	-	140	-	140
Tyres	mm	23,1x26"			
Steering					
Steering angle (+/-)	°	36			
Oscillation angle (+/-)	°	10			
Turning radius inner	mm	3210			
Riding characteristics					
No. of travel speeds		2		2	
Maximum speed	km/h	10,3		10,3	
Gradeability with vibration	%	30		30	
Gradeability without vibration	%	40		40	
Brakes					
Operating		Hydrostatic			
Parking		SAHR			
Emergency		SAHR			
Capacities					
Amplitudes	mm	1,85/1,15	1,6/0,97	1,65/0,95	1,55/0,9
Frequencies	Hz	32/35			
Centrifugal forces	kN	277/206			
Fluid capacities					
Fuel	l	410			
Electrical installation					
Voltage	V	24			
Capacity of batteries	Ah	2 x 61			
Engine					
Make		Cummins			
Type		4 BTA 3.9 - C116			
Rated power	kW/HP	86/115			
Standard		EPA/CARB Tier 1			

Weights - specification CAB + ROPS

Maximum compacted lift thickness at optimal working conditions in m

	Version D			Not recommended compaction with D version	
	Rockfill	Sand/gravel	Mixed soils	Silt	Clay
ASC 100	0,85	0,7	0,55	0,45	0,3
ASC 120	0,8	0,6	0,5	0,4	0,25
Not recommended compaction with PD version			PD or D Version + Pad foot shells		

Australia: Ammann Australia Pty. Ltd. | Narangba 4504

Austria: Ammann Austria GmbH | 4114 Neuhaus

Brazil: Ammann do Brasil | CEP: 94180-452 Gravataí/RS

Bulgaria: Ammann Bulgaria | 1700 Sofia

China: Ammann Construction Machinery Shanghai Co. Ltd. | Shanghai 201700

Czech Republic: Ammann Czech Republic a.s. | 54901 Nové Město nad Metují

Ammann Asphalt GmbH | 60200 Brno

France: Ammann France SAS | 94046 Créteil/Cedex

Germany: Ammann Asphalt GmbH | 31061 Alfeld (Leine)

Ammann Verdichtung GmbH | 53773 Hennef

Ammann Elba Beton GmbH | 76275 Ettlingen

India: Ammann Apollo India Private Ltd. | Ahmedabad 380 009

Indonesia: Ammann South East Asia | Jakarta 11530

Italy: Ammann Italy S.p.A. | 37012 Bussolengo

Kazakhstan: Ammann Kazakhstan LLP | Almaty 050051

Netherlands: Ammann Benelux B.V. | 7730 SK Ommen

Poland: Ammann Polska sp.z.o.o. | 02-230 Warszawa

Romania: Ammann Group Romania S.R.L. | 060233 Bucharest

Russia: Ammann Russia o.o.o. | 127 473 Moscow

Singapore: Ammann Singapore Pte. Ltd. | 307591 Singapore

Spain: Ammann Iberia S L | Madrid

South Africa: Ammann Construction Machinery South Africa | Benoni 1500

Sweden: Ammann Scandinavia | 211 20 Malmö

Switzerland: Ammann Switzerland Ltd. | 4901 Langenthal

Avesco AG | 4901 Langenthal

Turkey: Ammann Teknomak A.S. | Ankara 06370

Ukraine: OOO Ammann Ukraine | 03150 Kiev

United Arab Emirates: Ammann NME FZE | Dubai

United Kingdom: Ammann UK Ltd. | Warwickshire CV37 0TY

USA: Ammann America Inc. | Ponte Vedra | Florida 32082

Detailed information can be found at: www.ammann-group.com

