

ARS 220 COMPARISON CHART

SOIL COMPACTORS

	AMMANN		HAMM	BOMAG
	ARS 220 T3	ARS 220 T4f	H25I	BW 226 DH-5
WEIGHT				
Operat. Weight CECE	21 630 kg	21 930 kg	24 525 kg	25 000 kg
Max. weight	26 000 kg	26 000 kg	24 760 kg	26 710 kg
Stat. Linear load front/ rear	66.9 kg	66.9 kg	77.9 kg	80.1 kg
DIMENSIONS				
Length of machine	6730 mm	6730 mm	6500 mm	6740 mm
Length with ROPS	–	–	–	–
Width	2300 mm	2300 mm	2508 mm	2500 mm
Height (ROPS)	2950 mm	2950 mm	2980 mm	3078 mm
Height (folding ROPS)	–	–	–	–
Wheel-base	3510 mm	3510 mm	3265 mm	3355 mm
Lateral overhang l/r	–	–	184/184 mm	–
Ground clearance	500 mm	500 mm	420 mm	430 mm
Turning radius inside	4370 mm	4370 mm	4200 mm	4260 mm
Overhang front/rear	–	–	–	–
DRUMS				
Split drums	No	No	No	No
Drum diameter	1600 mm	1600 mm	1600 mm	1600 mm
Drum width	2130 mm	2130 mm	2140 mm	2130 mm
Drum shell thickness	45 mm	45 mm	45 mm	40 mm
Drum offset	–	–	–	–
Working width max.	2130 mm	2130 mm	2140 mm	2130 mm
DRIVE				
Engine	Deutz	Deutz	Deutz	Deutz
Type	TCD 6.1 L6	TCD 6.1 L6	TCD 6.1 L6	TCD 6.1 L6
Power output DIN 6270B	160 kW (215 HP)	160 kW (215 HP)	160 kW (217.6 HP)	150 kW (202 HP)
at RPM	2300	2200	2300	2300
Speed	0-12 km/h	0-12 km/h	0-14 km/h	0-10 km/h
Gradeability w/out vibr.	50/55 %	50/55 %	55/60 %	47/50 %
TYRES				
Number	2	2	2	2
Dimension	23.1×26	23.1×26	EM 23.5-R25 XTLA	23.5-25/16PR
STEERING				
Type	Articulated	Articulated	Articulated	Oscil. Artic.
VIBRATION				
Vibration	Front	Front	Front	Front
Frequencies front	27/34 Hz	27/34 Hz	27/30 Hz	26/26 Hz
Frequencies rear	–	–	–	–
Number of amplitudes	2	2	2	2
Amplitudes front	2.0/1.0 mm	2.0/1.0 mm	2.07/1.23 mm	2.10/1.20 mm
Amplitudes rear	–	–	–	–
Dynamic force front	375/300 kN	375/300 kN	331/242 kN	328/187 kN
Dynamic force rear	–	–	–	–
CAPACITIES				
Water tank front/rear	–	–	–	–
Hydraulic tank	–	–	–	–
Fuel tank	350 l	350 l	280 l	250 l

For additional product information and services please visit: www.ammann-group.com

Specifications are subject to change.

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