



HD 12 WV / HD 12 VO

HD 12 WV - Articulated tandem roller with two vibratory drums

HD 12 VO - Articulated tandem roller with vibratory and oscillating drum



- ▶ Optimum front view due to concaving front end
- ▶ Ergonomic driver platform
- ▶ Modern instrument panel
- ▶ Low machine height
- ▶ 3-point swivel joint for optimum driving comfort
- ▶ Central suspension point
- ▶ Convenient maintenance and service



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 HD 12 VO - Articulated tandem roller with vibratory and oscillating drum

		HD 12 WV	HD 12 VO
Weights			
Operating weight with ROPS	kg	2695	2755
Operating weight, max.	kg	3410	3470
Axle load, front/rear	kg	1335/1360	1335/1420
Static linear load, front/rear	kg/cm	11,2/11,4	11,2/11,8
French classific., data/class		11,4/PV3	11,4/PV3
Machine dimensions			
Max. working width	mm	1250	1250
Lateral overhang, left/right	mm	55/55	55/55
Ground clearance, left/right	mm	570/570	570/570
Ground clearance, centre	mm	280	280
Turning radius, inside	mm	2370	2370
Drum type, front		smooth/nondivided	smooth/nondivided
Drum type, rear		smooth/nondivided	smooth/nondivided
Drum thickness, front/rear	mm	15/15	15/15
Diesel engine			
Manufacturer		KUBOTA	KUBOTA
Type		D1503-M-E3B	D1503-M-E3B
Number of cylinders		3	3
Power rat. ISO 14396, kW/PS/rpm		22,9/31,1/2700	22,9/31,1/2700
Power rating SAE J1349, kW/HP/rpm		22,9/30,7/2700	22,9/30,7/2700
Emissions standard EU/USA		III A / Tier 4i	III A / Tier 4i
Fuel tank, capacity	L	42	42
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, infinitely variable	km/h	0 - 12,0	0-12,0
Climbing ability, vibration on/off	%	30/40	35/40
Vibration			
Vibration frequency, front, I/II	Hz	67/52	67/52
Vibration frequency, rear, I/II	Hz	67/52	
Amplitude, front, I/II	mm	0,52/0,52	0,52/0,52
Amplitude, rear, I/II	mm	0,52/0,52	
Centrifugal force, front, I/II	kN	52/32	52/32
Centrifugal force, rear, I/II	kN	52/32	
Oscillation			
Oscillation frequency, rear, I/II	Hz		39/30
Tangential amplitude, rear, I/II	mm		1,14/1,14
Oscillation force, rear, I/II	kN		40/23
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
Oscillation angle +/-	°	8	8
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	180	180

Equipment
 Crab steering up to 50 mm, Spring-mounted driver seat, Comfort seat with seat belt, Operating hours counter, Indicator lights, Emergency stop switch

Optional equipment
 2 spotlights on ROPS, Back-up alarm, Rotating beacon, Special colour, Sunroof, Edge pressing and cutting equipment, Sound insulation

Total length	L	2460	2460
Width	B	1310	1310
Total height	H	2390	2390
Wheel base	A	1700	1700
Roller drum width	X	1200/1200	1200/1200
Drum diameter	D	720/720	720/720
Height loading, min.	HI	1752	1752

