



HD 12 WV / HD 12 VO

HD 12 WV - Articulated tandem roller with 2 vibratory drums

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



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



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HD 12 W - Articulated tandem roller with 2 vibratory drums
 HD 12 VO - Articulated tandem roller with vibratory and oscillating drum



		HD 12 W	HD 12 VO
Weights			
Operating weight with ROPS	kg • lbs	2695 • 5942,47	2755 • 6074,77
Operating weight, max.	kg • lbs	3410 • 7519,05	3470 • 7651,35
Axle load, front/rear	kg • lbs	1335/1360 • 2943,67/2998,8	1335/1420 • 2943,67/3131,1
Static linear load, front/rear	kg/cm • lbs/in	11,2/11,4 • 62,72/63,84	11,2/11,8 • 62,72/66,08
Machine dimensions			
Max. working width	mm • in	1250 • 49,21	1250 • 49,21
Lateral overhang, left/right	mm • in	55/55 • 2,17/2,17	55/55 • 2,17/2,17
Ground clearance, left/right	mm • in	570/570 • 22,44/22,44	570/570 • 22,44/22,44
Ground clearance, center	mm • in	280 • 11,02	280 • 11,02
Turning radius, inside	mm • in	2370 • 93,31	2370 • 93,31
Drum type, front		smooth/nondivided	smooth/nondivided
Drum type, rear		smooth/nondivided	smooth/nondivided
Drum thickness, front/rear	mm • in	15/15 • 0,59/0,59	15/15 • 0,59/0,59
Diesel engine			
Manufacturer		KUBOTA	KUBOTA
Type		D1703	D1703
Number of cylinders		3	3
Power rat. ISO 14396, kW/PS/rpm		18,5/25,2/2200	18,5/25,2/2200
Power rating SAE J1349, kW/HP/rpm		18,5/24,8/2200	18,5/24,8/2200
Emissions standard EU/USA		EPA Level 4	EPA Level 4
Fuel tank, capacity	L • Gal	42 • 11,1	42 • 11,1
Drive			
Hydrostatic drive, front/rear		Wheel motor/Wheel motor	Wheel motor/Wheel motor
Speed, infinitely variable	km/h • mph	10,2 • 6,34	10,2 • 6,34
Climbing ability, vibration on/off	%	30/40	35/40
Vibration			
Vibration frequency, front, I/II	Hz • vpm	67/52 • 4020/3120	67/52 • 4020/3120
Vibration frequency, rear, I/II	Hz • vpm	67/52 • 4020/3120	67/52 • 4020/3120
Amplitude, front, I/II	mm • in	0,52/0,52 • 0,02/0,02	0,52/0,52 • 0,02/0,02
Amplitude, rear, I/II	mm • in	0,52/0,52 • 0,02/0,02	0,52/0,52 • 0,02/0,02
Centrifugal force, front, I/II	kN • lbs	52/32 • 11700/7200	52/32 • 11700/7200
Centrifugal force, rear, I/II	kN • lbs	52/32 • 11700/7200	52/32 • 11700/7200
Oscillation			
Oscillation frequency, rear, I/II	Hz • vpm		39/30 • 2340/1800
Tangential amplitude, rear, I/II	mm • in		1,14/1,14 • 0,04/0,04
Oscillation force, rear, I/II	kN • lbs		40/23 • 9000/5175
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, water sprinkler		interval/manual	interval/manual
Water tank, capacity	L • Gal	180 • 47,55	180 • 47,55

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

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

Total length	L	2460 • 96,85	2460 • 96,85
Width	B	1310 • 51,57	1310 • 51,57
Total height	H	2390 • 94,09	2390 • 94,09
Wheelbase	A	1700 • 66,93	1700 • 66,93
Drum width	X	1200/1200 • 47,24/47,24	1200/1200 • 47,24/47,24
Drum diameter	D	720/720 • 28,35/28,35	720/720 • 28,35/28,35
Height, loading, min.	HI	1752 • 68,98	1752 • 68,98

