



HD 12 VV / HD 12 VO

HD 12 VV - 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



HD 12 W / HD 12 VO



HD 12 W - Articulated tandem roller with two 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	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 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 system
 Hydrostatic drive, Vibration, front + rear, switched separately and together (VV), Automatic vibration switch-off function at excessive speed, Vibration, switched manually and automatically

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

