



HD 13 VV / HD 13 VO

HD 13 VV - Articulated tandem roller with two vibratory drums

HD 13 VO - Articulated tandem roller with vibratory and oscillating drum



- ▶ Optimum front view due to concaving front end
- ▶ Good visibility — optimum view of drum's outer edges
- ▶ Ergonomic driver platform
- ▶ Modern instrument panel
- ▶ Low machine height
- ▶ 3-point swivel joint for optimum driving comfort
- ▶ Convenient maintenance and service



HD 13 VW / HD 13 VO



HD 13 VW - Articulated tandem roller with two vibratory drums
HD 13 VO - Articulated tandem roller with vibratory and oscillating drum

		HD 13 VW	HD 13 VO
Weights			
Operating weight with ROPS	kg	3965	4015
Operating weight, max.	kg	4920	5230
Axle load, front/rear	kg	2005/1960	2005/2010
Static linear load, front/rear	kg/cm	15,5/15,1	15,8/16,5
French classific., data/class		10,5/VT0	10,5/VT0
Machine dimensions			
Max. working width	mm	1350	1350
Lateral overhang, left/right	mm	63/63	63/63
Ground clearance, left/right	mm	720/720	720/720
Ground clearance, centre	mm	305	305
Turning radius, inside	mm	2690	2690
Drum thickness, front/rear	mm	17/17	17/17
Diesel engine			
Manufacturer		KUBOTA	KUBOTA
Type		V2203-M-E3B	V2203-M-E3B
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		34,6/47,1/2700	34,6/47,1/2700
Power rating SAE J1349, kW/HP/rpm		34,6/46,4/2700	34,6/46,4/2700
Emissions standard EU/USA		III A / Tier 4i	III A / Tier 4i
Fuel tank, capacity	L	73	73
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, infinitely variable	km/h	0 - 11,0	0 - 11,0
Climbing ability, vibration on/off	%	30/40	30/40
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	60/51	60/61
Vibration frequency, rear, I/II	Hz	60/51	
Amplitude, front, I/II	mm	0,51/0,31	0,51/0,31
Amplitude, rear, I/II	mm	0,51/0,31	
Centrifugal force, front, I/II	kN	64/39	64/39
Centrifugal force, rear, I/II	kN	64/39	
Oscillation			
Oscillation frequency, rear, I/II	Hz		39/30
Tangential amplitude, rear, I/II	mm		1,44/1,44
Oscillation force, rear, I/II	kN		72/43
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	33	33
Oscillation angle +/-	°	8	8
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	290	290
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			
Comfort driver cab, 2 spotlights on ROPS, Back-up alarm, Rotating beacon, Special colour, Sunroof, Edge pressing and cutting equipment, Sound insulation			

Total length	L	2860	2860
Width	B	1426	1426
Total height	H	2720	2720
Wheel base	A	1950	1950
Roller drum width	X	1300/1300	1300/1300
Drum diameter	D	900/900	900/900
Height loading, min.	HI	1820	1820

