



HD 12 VV / HD 12 VT

HD 12 VV - Articulated tandem roller with two vibratory drums

HD 12 VT - Articulated combi roller with vibratory 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
- ▶ Crab steering
- ▶ Central suspension point
- ▶ Convenient maintenance and service



HD 12 VW / HD 12 VT

HD 12 VW - Articulated tandem roller with two vibratory drums
HD 12 VT - Articulated combi roller with vibratory drum



		HD 12 VW	HD 12 VT
Weights			
Operating weight	kg	2705	2605
Maximum weight	kg	3000	3000
Axle load, front/rear	kg	1340/1365	1345/1260
Load per tyre, rear	kg		315,0
Static linear load, front/rear	kg/cm	11,2/11,4	
Static linear load, front	kg/cm		11,2
Machine dimensions			
Max. working width	mm	1250	1220
Turning radius, inside	mm	2370	2370
Size of tyres, rear			205/60-R15
Diesel engine			
Manufacturer		KUBOTA	KUBOTA
Type		D1503-M-E3B	D1503-M-E3B
Number of cylinders		3	3
Power rat. DIN/ISO3046lFN kW/HP/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
Emission standard EU / USA		III A / Tier 4i	III A / Tier 4i
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	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	52/67	52/67
Vibration frequency, rear, I/II	Hz	52/67	
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	32/52	32/52
Centrifugal force, rear, I/II	kN	32/52	
Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
Oscillation angle +/-	°	8	8

Brake system			
Service brake, mode		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode		Spring-loaded/mechanical	Spring-loaded/mechanical
Parking brake, actuation		electr. a. autom.	electr. a. autom.
Emergency brake, mode		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop	Emergency stop

Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity		180	180
Additive sprinkling, type			Pressure
Actuation, additive sprinkling			Push button
Additive tank, capacity			18

Equipment
Crab steering up to 50 mm, Lighting per German Road Traffic Regulations, Spring-mounted driver seat, Comfort seat with seat belt, Operating hours counter, Indicator lights, Emergency stop switch, CE conformity, ROPS comfortable spacious cab

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
Drum diameter	D	720/720	720
Width over tyres	Y		1000
Diameter of tyres	R		630

