



HD 14 VV / HD 14 VT

HD 14 VV - Articulated tandem roller with two vibratory drums

HD 14 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
- ▶ Convenient maintenance and service



HD 14 VW / HD 14 VT



HD 14 VW - Articulated tandem roller with two vibratory drums
 HD 14 VT - Articulated combi roller with vibratory drum

		HD 14 VW	HD 14 VT
Weights			
Operating weight	kg	4345	3985
Maximum weight	kg	4700	4700
Axle load, front/rear	kg	2175/2170	2175/1810
Load per tyre, rear	kg		452,5
Static linear load, front/rear	kg/cm	15,8/15,7	
Static linear load, front	kg/cm		15,8
Machine dimensions			
Max. working width	mm	1430	1380
Turning radius, inside	mm	2650	2650
Size of tyres, rear			10.5/80-16
Diesel engine			
Manufacturer		KUBOTA	KUBOTA
Type		V2203-M-E3B	V2203-M-E3B
Number of cylinders		4	4
Power rat. DIN/ISO3046FN kW/HP/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
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 - 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	51/60	51/60
Vibration frequency, rear, I/II	Hz	51/60	
Amplitude, front, I/II	mm	0,31/0,51	
Amplitude, rear, I/II	mm	0,31/0,51	
Amplitude, front, I/II	mm		0,31/0,51
Centrifugal force, front, I/II	kN	39/64	
Centrifugal force, rear, I/II	kN	39/64	
Centrifugal force, front, I/II	kN		39/64

Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	33	33
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		290	290
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, ROPS comfortable spacious cab, CE conformity

Optional equipment
 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	1506	1506
Total height	H	2590	2590
Wheel base	A	1950	1950
Roller drum width	X	1380/1380	1380
Drum diameter	D	898/898	898
Width over tyres	Y		1276
Diameter of tyres	R		810

