



## HD 12 WV / HD 12 VT

**HD 12 WV** - 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 W / HD 12 VT

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



		HD 12 W	HD 12 VT
<b>Weights</b>			
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
<b>Machine dimensions</b>			
Max. working width	mm	1250	1220
Turning radius, inside	mm	2370	2370
Size of tyres, rear			205/60-R15
<b>Diesel engine</b>			
Manufacturer		KUBOTA	KUBOTA
Type		D1503-M-E3B	D1503-M-E3B
Number of cylinders		3	3
Power rat. DIN/ISO30461FN 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
<b>Drive</b>			
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

<b>Vibration</b>			
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	

<b>Steering</b>			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
Oscillation angle +/-	°	8	8

<b>Brake system</b>			
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

<b>Sprinkler system</b>			
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

<b>Total length</b>	<b>L</b>	<b>2460</b>	<b>2460</b>
<b>Width</b>	<b>B</b>	<b>1310</b>	<b>1310</b>
<b>Total height</b>	<b>H</b>	<b>2390</b>	<b>2390</b>
<b>Wheel base</b>	<b>A</b>	<b>1700</b>	<b>1700</b>
<b>Roller drum width</b>	<b>X</b>	<b>1200/1200</b>	<b>1200</b>
<b>Drum diameter</b>	<b>D</b>	<b>720/720</b>	<b>720</b>
<b>Width over tyres</b>	<b>Y</b>		<b>1000</b>
<b>Diameter of tyres</b>	<b>R</b>		<b>630</b>

