



## HD 13 WV / HD 13 VT

**HD 13 WV** - Articulated tandem roller with two vibratory drums

**HD 13 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
- ▶ Convenient maintenance and service



# HD 13 VW / HD 13 VT

HD 13 VW - Articulated tandem roller with two vibratory drums  
HD 13 VT - Articulated combi roller with vibratory drum



		HD 13 VW	HD 13 VT
<b>Weights</b>			
Operating weight with ROPS	kg	3965	3825
Operating weight, max.	kg	4920	4790
Axle load, front/rear	kg	2005/1960	2005/1820
Load per tyre, rear	kg		455,0
Static linear load, front/rear	kg/cm	15,5/15,1	
Static linear load, front	kg/cm		15,5
French classific., data/class		10,5/VT0	10,5/VT0.PLO
<b>Machine dimensions</b>			
Max. working width	mm	1350	1338
Turning radius, inside	mm	2690	2690
Size of tyres, rear			10.5/80-16
<b>Diesel engine</b>			
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
<b>Drive</b>			
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

<b>Vibration</b>			
Vibration frequency, front, I/II	Hz	60/51	60/51
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	

<b>Steering</b>			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	33	33
Oscillation angle +/-	°	8	8

<b>Sprinkler system</b>			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	290	290
Additive sprinkling, type			Pressure
Actuation, additive sprinkling			Push button
Additive tank, capacity	L		18

**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

<b>Total length</b>	<b>L</b>	<b>2860</b>	<b>2860</b>
<b>Width</b>	<b>B</b>	<b>1426</b>	<b>1426</b>
<b>Total height</b>	<b>H</b>	<b>2716</b>	<b>2716</b>
<b>Wheel base</b>	<b>A</b>	<b>1950</b>	<b>1950</b>
<b>Roller drum width</b>	<b>X</b>	<b>1300/1300</b>	<b>1300</b>
<b>Drum diameter</b>	<b>D</b>	<b>900/900</b>	<b>900</b>
<b>Width over tyres</b>	<b>Y</b>		<b>1276</b>
<b>Diameter of tyres</b>	<b>R</b>		<b>810</b>
<b>Height loading, min.</b>	<b>HI</b>	<b>1820</b>	<b>1820</b>

