



## HD+ 120i VV / HD+ 120i VO

**HD+ 120i VV** - Articulated tandem roller with two vibratory drums

**HD+ 120i VO** - Articulated tandem roller with vibratory and oscillating drum



- ▶ Diesel engine with high power and low sound level
- ▶ Pressure sprinkler system with 2 water pumps; spray nozzles visible from driver seat
- ▶ Ergonomic driver seat for perfect all-round visibility
- ▶ Driver seat including steering wheel and instrument panel can be rotated and moved
- ▶ Clear view of drum surface, its outer edge and working environment
- ▶ Crab steering to increase working width
- ▶ Hydrostatic all-wheel drive for excellent hill climbing ability



# HD+ 120i VW / HD+ 120i VO

HD+ 120i VW - Articulated tandem roller with two vibratory drums

HD+ 120i VO - Articulated tandem roller with vibratory and oscillating drum

		HD+ 120i VW	HD+ 120i VO
<b>Weights</b>			
Operating weight with ROPS	kg	12135	12415
Operating weight with cab	kg	12375	12655
Operating weight, max.	kg	13290	13570
Axle load, front/rear	kg	6210/6165	6210/6445
Static linear load, front/rear	kg/cm	31,4/31,1	31,4/32,6
French classific., data/class		29,6/VT2	29,6/VT2
<b>Machine dimensions</b>			
Max. working width	mm	2150	2150
Lateral overhang, left/right	mm	60/60	60/60
Ground clearance, left/right	mm	900/900	900/900
Ground clearance, centre	mm	340	340
Turning radius, inside	mm	6060	6060
Drum thickness, front/rear	mm	19/19	19/17
<b>Diesel engine</b>			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 4.1 L4	TCD 4.1 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		115,0/156,4/2300	115,0/156,4/2300
Power rating SAE J1349, kW/HP/rpm		115,0/154,1/2300	115,0/154,1/2300
Emissions standard EU/USA		III B / Tier 4i	III B / Tier 4i
Fuel tank, capacity	L	260	260
<b>Drive</b>			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, working gear	km/h	0-6,0	0-6,0
Speed, transportation gear	km/h	0-12,0	0-12,0
Climbing ability, vibration on/off	%	35/40	30/35
<b>Vibration system</b>			
Hydrostatic drive			
<b>Vibration</b>			
Vibration frequency, front, I/II	Hz	40/50	40/50
Vibration frequency, rear, I/II	Hz	40/50	
Amplitude, front, I/II	mm	0,89/0,49	0,89/0,49
Amplitude, rear, I/II	mm	0,89/0,49	
Centrifugal force, front, I/II	kN	173/147	173/147
Centrifugal force, rear, I/II	kN	173/147	
<b>Oscillation</b>			
Oscillation frequency, rear	Hz		36
Tangential amplitude, rear	mm		1,48
Oscillation force, rear	kN		207
<b>Steering</b>			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	30	30
Oscillation angle +/-	°	10	10
<b>Sprinkler system</b>			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	1145	1145
<b>Equipment</b>			
Amplitude, switchable: large/small, Access handles, Battery main switch, Triple oil filtering, Spring-mounted driver seat, Speedometer, Indicator lights and emergency stop, Multifunction drive lever to right of seat, Comfort seat can be swivelled and moved, Vibration, switchable: front/rear/together, Water level display			
<b>Optional equipment</b>			
All headlights available in Xenon, Exterior and interior mirrors, Back-up alarm, Drum lighting, Driver seat, back extension, Tachograph, Frequency regulator, switchable: front/rear/together, HCQ asphalt thermometer, HCQ asphalt compression meter, Heat/air conditioning with dehumidification, Crab steering to increase working width, Interior lighting, Cab: 4 headlights, Edge pressing and cutting equipment, Radio, ROPS panoramic cab, Rotating beacon, Sound insulation, Seat belt, Sunroof, Dust-free ventilation, Fabric seat, Second multifunction drive levers			

<b>Total length</b>	<b>L</b>	<b>5200</b>	<b>5200</b>
<b>Width</b>	<b>B</b>	<b>2145</b>	<b>2145</b>
<b>Total height</b>	<b>H</b>	<b>2980</b>	<b>2980</b>
<b>Wheel base</b>	<b>A</b>	<b>3800</b>	<b>3800</b>
<b>Roller drum width</b>	<b>X</b>	<b>1980/1980</b>	<b>1980/1980</b>
<b>Drum diameter</b>	<b>D</b>	<b>1400/1400</b>	<b>1400/1400</b>
<b>Height loading, min.</b>	<b>HI</b>	<b>2140</b>	<b>2140</b>

