



## HD+ 120 VV / HD+ 120 VO

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

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



- ▶ 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
- ▶ Hydrostatic all-wheel drive for excellent hill climbing ability



- ▶ Diesel engine with high power and low sound level
- ▶ Pressure sprinkler system with 2 water pumps; spray nozzles visible from driver seat
- ▶ Crab steering to increase working width

# HD+ 120 W / HD+ 120 VO

HD+ 120 W - Articulated tandem roller with two vibratory drums  
 HD+ 120 VO - Articulated tandem roller with vibratory and oscillating drum



		HD+ 120 W	HD+ 120 VO
<b>Weights</b>			
Operating weight with ROPS	kg	12610	12945
Operating weight with cab	kg	12850	13185
Operating weight, max.	kg	14010	14350
Axle load, front/rear	kg	6565/6285	6585/6600
Static linear load, front/rear	kg/cm	33,2/31,7	33,3/33,3
French classific., data/class		31,1/VT2	31,2/VT2
<b>Machine dimensions</b>			
Max. working width	mm	2150	2150
Lateral overhang, left/right	mm	50/50	50/50
Ground clearance, left/right	mm	880/880	880/880
Ground clearance, centre	mm	330	330
Turning radius, inside	mm	5285	5285
Drum thickness, front/rear	mm	19/19	19/17
<b>Diesel engine</b>			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300	100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm		100,0/134,0/2300	100,0/134,0/2300
Emissions standard EU/USA		III A / Tier 3	III A / Tier 3
Fuel tank, capacity	L	180	180
<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	%	30/35	30/35

**Vibration system**  
 Hydrostatic drive, All-wheel-steered tandem roller with two vibratory drums

<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	0,88/0,49	0,88/0,49
Amplitude, rear, I/II	mm	0,88/0,49	
Centrifugal force, front, I/II	kN	159/138	159/138
Centrifugal force, rear, I/II	kN	159/138	

<b>Oscillation</b>			
Oscillation frequency, rear	Hz		36
Tangential amplitude, rear	mm		1,46
Oscillation force, rear	kN		205

<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	1160	1160

**Equipment**  
 Spring-mounted driver seat, Comfort seat can be swivelled and moved, Multifunction drive lever to right of seat, Amplitude, switchable: large/small, Vibration, switchable: front/rear/together, Indicator lights and emergency stop, Battery main switch, Triple oil filtering, Water level display, Speedometer, Access handles

**Optional equipment**  
 HCQ asphalt compression meter, HCQ asphalt thermometer, Frequency regulator, switchable: front/rear/together, Crab steering to increase working width, ROPS panoramic cab, Heat/air conditioning with dehumidification, Dust-free ventilation, Interior lighting, Exterior and interior mirrors, Tachograph, Rotating beacon, Sound insulation, Edge pressing and cutting equipment, Radio, Back-up alarm, Second multifunction drive levers, Drum lighting, Cab: 4 headlights, All headlights available in Xenon, Fabric seat, Driver seat, back extension, Seat belt, Sunroof

<b>Total length</b>	L	5000	5000
<b>Width</b>	B	2145	2145
<b>Total height</b>	H	3050	3050
<b>Wheel base</b>	A	3600	3600
<b>Roller drum width</b>	X	1980/1980	1980/1980
<b>Drum diameter</b>	D	1400/1400	1400/1400
<b>Height loading, min.</b>	HI	2185	2185

