



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

**HD+ 120i VV** - Articulated tandem roller with 2 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
- ▶ 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 2 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
<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, center	mm	340	340
Turning radius, inside	mm	6060	6060
Drum type, front		smooth/nondivided	smooth/nondivided
Drum type, rear		smooth/nondivided	smooth/nondivided
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		Wheel motor/Wheel motor	Wheel motor/Wheel motor
Regulation, infinitely variable		Hammtronic	Hammtronic
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</b>			
Vibration frequency, front, l/II	Hz	40/50	40/50
Vibration frequency, rear, l/II	Hz	40/50	40/50
Amplitude, front, l/II	mm	0,89/0,49	0,89/0,49
Amplitude, rear, l/II	mm	0,89/0,49	0,89/0,49
Centrifugal force, front, l/II	kN	173/147	173/147
Centrifugal force, rear, l/II	kN	173/147	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, water sprinkler		interval/manual	interval/manual
Water tank, capacity	L	1145	1145

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

**Optional equipment**  
All headlights also 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 light, Sound insulation, Seat belt, Sunroof, Dust-free ventilation, Fabric seat, Second multifunction drive lever

Total length	L	5200	5200
Width	B	2145	2145
Total height	H	2980	2980
Wheelbase	A	3800	3800
Drum width	X	1980/1980	1980/1980
Drum diameter	D	1400/1400	1400/1400
Height, loading, min.	HI	2140	2140

