



HD+ 80i VV / HD+ 80i VO

HD+ 80i VV - Articulated tandem roller with two vibratory drums

HD+ 80i 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+ 80i VW / HD+ 80i VO

HD+ 80i VW - Articulated tandem roller with two vibratory drums
HD+ 80i VO - Articulated tandem roller with vibratory and oscillating drum

		HD+ 80i VW	HD+ 80i VO
Weights			
Operating weight with ROPS	kg	7540	7620
Operating weight with cab	kg	7710	7790
Operating weight, max.	kg	10160	10240
Axle load, front/rear	kg	3925/3785	3925/3865
Static linear load, front/rear	kg/cm	23,4/22,5	23,4/23,0
French classific., data/class		17,0/VT0	17,0/VT0
Machine dimensions			
Max. working width	mm	1815	1815
Lateral overhang, left/right	mm	60/60	60/60
Ground clearance, left/right	mm	750/750	750/750
Ground clearance, centre	mm	340	340
Turning radius, inside	mm	4140	4140
Drum thickness, front/rear	mm	17/17	17/17
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2.9 L4	TCD 2.9 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2500	55,4/75,3/2500
Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2500	55,4/74,2/2500
Emissions standard EU/USA		III B / Tier 4	III B / Tier 4
Fuel tank, capacity	L	120	120
Drive			
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	35/40
Vibration system			
Hydrostatic drive			
Vibration			
Vibration frequency, front, I/II	Hz	48/58	48/58
Vibration frequency, rear, I/II	Hz	48/58	
Amplitude, front, I/II	mm	0,61/0,33	0,61/0,33
Amplitude, rear, I/II	mm	0,61/0,33	
Centrifugal force, front, I/II	kN	77/63	77/63
Centrifugal force, rear, I/II	kN	77/63	
Oscillation			
Oscillation frequency, rear, I/II	Hz		33/40
Tangential amplitude, rear, I/II	mm		1,45/1,45
Oscillation force, rear, I/II	kN		103/152
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	37	37
Oscillation angle +/-	°	10	10
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	700	700
Equipment			
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			
Optional equipment			
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			

Total length	L	4480	4480
Width	B	1800	1800
Total height	H	2890	2890
Wheel base	A	3340	3340
Roller drum width	X	1680/1680	1680/1680
Drum diameter	D	1140/1140	1140/1140
Height loading, min.	HI	2080	2080

