



HD+ 90 VV / HD+ 90 VO

HD+ 90 VV - Articulated tandem roller with two vibratory drums

HD+ 90 VO - Articulated tandem roller with vibratory and oscillating drum



- ▶ Ergonomic driver seat with 2 multifunction drive levers
- ▶ 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+ 90 VW / HD+ 90 VO

HD+ 90 VW - Articulated tandem roller with two vibratory drums

HD+ 90 VO - Articulated tandem roller with vibratory and oscillating drum

		HD+ 90 VW	HD+ 90 VO
Weights			
Maximum weight	kg	9380	9380
Axle load, front/rear	kg	11900	11900
Static linear load, front/rear	kg/cm	4740/4610	4770/4610
		28,4/27,4	28,4/27,4
Machine dimensions			
Max. working width	mm	1850	1850
Turning radius, inside	mm	5250	5250
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. ISO 14396, kW/HP/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
Emission standard EU / USA		III A / Tier 3	III A / Tier 3
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	42/50	42/50
Vibration frequency, rear, I/II	Hz	42/50	
Amplitude, front, I/II	mm	0,62/0,34	0,62/0,34
Amplitude, rear, I/II	mm	0,62/0,34	
Centrifugal force, front, I/II	kN	75/60	75/60
Centrifugal force, rear, I/II	kN	75/60	
Oscillation			
Oscillation frequency, rear	Hz		39
Tangential amplitude, rear	mm		1,44
Oscillation force, rear	kN		144
Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	30	30
Oscillation angle +/-	°	10	10
Brake system			
Service brake, mode		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode		Spring-loaded/mechanical	Spring-loaded/mechanical
Parking brake, actuation		electr. a. autom.	electr. a. autom.
Emergency brake, mode		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop	Emergency stop
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	834	834

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, Front and rear windscreen wiper, Indicator lights and emergency stop, CE-ready, Battery main switch, Triple oil filtering, Lighting per German Road Traffic Regulations, Water level display, Speedometer, ROPS comfortable spacious cab, 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

Total length	L	4600	4600
Width	B	1790	1790
Total height	H	3050	3050
Wheel base	A	3400	3400
Roller drum width	X	1680/1680	1680/1680
Drum diameter	D	1200/1200	1200/1200

