



HD+ 90 VT / HD+ 90 VT-S

HD+ 90 VT - Articulated combi roller with vibratory drum

HD+ 90 VT-S - Articulated combi roller with vibratory 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+ 90 VT / HD+ 90 VT-S



HD+ 90 VT - Articulated combi roller with vibratory drum
 HD+ 90 VT-S - Articulated combi roller with vibratory drum

		HD+ 90 VT	HD+ 90 VT-S
Weights			
Operating weight with ROPS	kg	8785	8965
Operating weight with cab	kg	8885	9125
Operating weight, max.	kg	11420	11660
Axle load, front/rear	kg	4770/4115	5010/4115
Load per tyre, rear	kg	1025,75	1028,75
Static linear load, front	kg/cm	28,4	29,8
French classific., data/class		22,4.10,3/VX1.PLO	23,3.10,3/VX1.PLO
Machine dimensions			
Max. working width	mm	1820	1820
Lateral overhang, left/right	mm	60/60	60/60
Ground clearance, left/right	mm	790/790	790/790
Ground clearance, centre	mm	330	330
Turning radius, inside	mm	5250	5250
Drum type, front		smooth/non-divided	smooth/divided
Drum thickness, front	mm	17	17
Size of tyres, rear		11.00-20	11.00-20
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Version		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	150	150
Drive			
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	0-5,0
Speed, transportation gear	km/h	0-12,0	0-11,0
Climbing ability, vibration on/off	%	30/40	30/40
Vibration			
Vibration frequency, front, l/II	Hz	42/50	42/55
Amplitude, front, l/II	mm	0,62/0,34	0,61/0,39
Centrifugal force, front, l/II	kN	75/60	84/94
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	30	30
Oscillation angle +/-	°	10	10
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, water sprinkler		interval/manual	interval/manual
Water tank, capacity	L	834	834
Additive sprinkling, type		Pressure	Pressure
Actuation, additive sprinkling		Push button	Push button
Additive tank, capacity	L	22	22

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

Optional equipment
 HCQ asphalt compression meter, HCQ asphalt temperature meter, 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 also available in Xenon, Fabric seat, Driver seat, back extension, Safety belt, Sun roof

Total length	L	4600	4600
Width	B	1800	1800
Total height	H	3050	3050
Wheel base	A	3400	3400
Drum width	X	1680	1680
Drum diameter	D	1200	1200
Width over tyres	Y	1620	1620
Diameter of tyres	R	1030	1030
Height loading, min.	HI	2185	2185

