



HD+ 90i VT / HD+ 90i VT-S

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

HD+ 90i 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
- ▶ 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+ 90i VT / HD+ 90i VT-S

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



		HD+ 90i VT	HD+ 90i VT-S
Weights			
Operating weight with ROPS	kg	8550	8790
Operating weight with cab	kg	8720	8960
Operating weight, max.	kg	11280	11520
Axle load, front/rear	kg	4670/4050	4910/4050
Load per tyre, rear	kg	1012,5	1012,5
Static linear load, front	kg/cm	27,8	29,2
French classific., data/class		21,9.10,1/VX1.PLO	22,8.10,1/VX1.PLO
Machine dimensions			
Max. working width	mm	1820	1820
Lateral overhang, left/right	mm	60/60	60/60
Ground clearance, left/right	mm	800/800	800/800
Ground clearance, centre	mm	340	340
Turning radius, inside	mm	5900	5900
Drum thickness, front	mm	17	17
Size of tyres, rear		11.00-20	11.00-20
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 3.6 L4	TCD 3.6 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		85,0/115,6/2300	85,0/115,6/2300
Power rating SAE J1349, kW/HP/rpm		85,0/113,9/2300	85,0/113,9/2300
Emissions standard EU/USA		III B / Tier 4i	III B / Tier 4i
Fuel tank, capacity	L	173	173
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	%	30/40	30/40

Vibration system

Hydrostatic drive

Vibration

Vibration frequency, front, I/II	Hz	42/50	42/55
Amplitude, front, I/II	mm	0,62/0,34	0,61/0,40
Centrifugal force, front, I/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, sprinkling		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

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	4800	4800
Width	B	1800	1800
Total height	H	3010	3010
Wheel base	A	3600	3600
Roller 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	2226	2226

