



HD 90 / HD 90K

HD 90 - Articulated tandem roller with two vibratory drums

HD 90K - Articulated combi roller with vibratory drum



- ▶ Ergonomic driver seat with 2 multifunction drive levers
- ▶ Driver seat including steering wheel and instrument panel can be swivelled and rotated
- ▶ 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

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 HD 90K - Articulated combi roller with vibratory drum

		HD 90	HD 90K
Weights			
Operating weight with ROPS	kg	8925	8320
Operating weight with cab	kg	9190	8585
Operating weight, max.	kg	11840	11240
Axle load, front/rear	kg	4630/4560	4625/3960
Load per tyre, rear	kg		990
Static linear load, front/rear	kg/cm	27,6/27,1	
Static linear load, front	kg/cm		27,5
French classific., data/class		22,4/VT1	22,3,9,9/VX1.PLO
Machine dimensions			
Max. working width	mm	1780	1750
Lateral overhang, left/right	mm	65/65	65/65
Ground clearance, left/right	mm	790/790	790/790
Ground clearance, centre	mm	330	330
Turning radius, inside	mm	3961	3961
Drum type, front		smooth/nondivided	smooth/nondivided
Drum type, rear		smooth/nondivided	
Drum thickness, front/rear	mm	17/17	
Drum thickness, front	mm		17
Size of tyres, rear			11.00-20
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		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	185	185
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, working gear	km/h	0-7,4	0-7,4
Speed, transportation gear	km/h	0-14,8	0-14,8
Climbing ability, vibration on/off	%	30/40	30/40
Vibration			
Vibration frequency, front, I/II	Hz	42/50	42/50
Vibration frequency, rear, I/II	Hz	42/50	
Amplitude, front, I/II	mm	0,66/0,37	0,66/0,37
Amplitude, rear, I/II	mm	0,66/0,37	
Centrifugal force, front, I/II	kN	75/60	75/60
Centrifugal force, rear, I/II	kN	75/60	
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	39	39
Oscillation angle +/-	°	10	10
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	900	900
Additive sprinkling, type			Pressure
Actuation, additive sprinkling			Push button
Additive tank, capacity	L		22

Equipment

1 comfort seat, can be swivelled and rotated, 2 multifunction drive levers, Indicator lights and emergency stop switch, 2 spotlights, rear, Battery main switch, Triple oil filtering, Water level display, Speedometer, Vibration, switchable: front/rear/together, Hydraulic oil temperature display

Optional equipment

ROPS panoramic cab, Dust-free ventilation, Sun visor, Crab steering to increase working width, Interior lighting, Exterior and interior mirrors, HCQ asphalt compression meter, Rotating beacon, ROPS/FOPS, Seat belt, Sound insulation, Sunroof, Edge pressing and cutting equipment, Radio, Sponge roller, Asphalt temperature display, Back-up alarm

Total length	L	4600	4600
Width	B	1810	1810
Total height	H	3040	3050
Wheel base	A	3400	3400
Roller drum width	X	1680/1680	1680
Drum diameter	D	1200/1200	1200
Width over tyres	Y		1620
Diameter of tyres	R		1030
Height loading, min.	HI	2360	2360

