



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 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	990
Static linear load, front/rear	kg/cm 27,6/27,1	27,5
Static linear load, front	kg/cm 22,4/VT1	22,3,9,9/VX1.PLO
French classific., data/class		
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 thickness, front/rear	mm 17/17	17
Drum thickness, front	mm 17	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 system
 Hydrostatic drive, All-wheel-steered tandem roller with two vibratory drums

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	Pressure
Actuation, additive sprinkling	Push button	Push button
Additive tank, capacity	L 22	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

