



HD 75 / HD 75K

HD 75 - Articulated tandem roller with two vibratory drums

HD 75K - 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 75	HD 75K
Weights			
Operating weight with ROPS	kg	7405	7070
Operating weight with cab	kg	7670	7335
Operating weight, max.	kg	10110	9790
Axle load, front/rear	kg	3875/3795	3885/3450
Load per tyre, rear	kg		862,5
Static linear load, front/rear	kg/cm	23,1/22,6	
Static linear load, front	kg/cm		23,1
French classific., data/class		17,4/VT0	17,4.8,6/VX1.PLO
Machine dimensions			
Max. working width	mm	1780	1750
Lateral overhang, left/right	mm	55/55	55/55
Ground clearance, left/right	mm	780/780	780/780
Ground clearance, centre	mm	340	340
Turning radius, inside	mm	4084	4084
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		TD 2011 L04 W	TD 2011 L04 W
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2500	55,4/75,3/2500
Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2500	55,4/74,2/2500
Emissions standard EU/USA		III A / Tier 4i	III A / Tier 4i
Fuel tank, capacity	L	140	140
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, working gear	km/h	0-6,3	0-6,3
Speed, transportation gear	km/h	0-12,6	0-12,6
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	48/58	48/58
Vibration frequency, rear, I/II	Hz	48/58	
Amplitude, front, I/II	mm	0,61/0,33	0,61/0,33
Amplitude, rear, I/II	mm	0,61/0,33	
Centrifugal force, front, I/II	kN	77/63	77/63
Centrifugal force, rear, I/II	kN	77/63	

Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	36	36
Oscillation angle +/-	°	10	10

Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	720	720
Additive sprinkling, type		Pressure	Pressure
Actuation, additive sprinkling		Push button	Push button
Additive tank, capacity	L		11

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, Interior lighting, Crab steering to increase working width, 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	4340	4340
Width	B	1790	1790
Total height	H	2940	2940
Wheel base	A	3200	3200
Roller drum width	X	1680/1680	1680
Drum diameter	D	1140/1140	1140
Width over tyres	Y		1620
Diameter of tyres	R		1030
Height loading, min.	HI	2260	2260

