



HD 70 / HD 70K

HD 70 - Articulated tandem roller with two vibratory drums

HD 70K - 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 70 - Articulated tandem roller with two vibratory drums
HD 70K - Articulated combi roller with vibratory drum

		HD 70	HD 70K
Weights			
Operating weight with ROPS	kg	6995	6700
Operating weight with cab	kg	7260	6965
Operating weight, max.	kg	9700	9410
Axle load, front/rear	kg	3670/3590	3680/3285
Load per tyre, rear	kg		821,25
Static linear load, front/rear	kg/cm	24,5/23,9	
Static linear load, front	kg/cm		24,5
French classific., data/class		19,5/VT1	19,5,8,2/VX1.PLO

Machine dimensions			
Max. working width	mm	1600	1570
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	4174	4174
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	0,63/0,35	0,63/0,35
Amplitude, rear, I/II	mm	0,63/0,35	
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	1610	1610
Total height	H	2940	2940
Wheel base	A	3200	3200
Roller drum width	X	1500/1500	1500
Drum diameter	D	1140/1140	1140
Width over tyres	Y		1435
Diameter of tyres	R		1030
Height loading, min.	HI	2260	2260

