



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	kg	7265	6970
Maximum weight	kg	9900	10000
Axle load, front/rear	kg	3675/3590	3685/3285
Load per tyre, rear	kg		821,25
Static linear load, front/rear	kg/cm	24,5/23,9	
Static linear load, front	kg/cm		24,6
Machine dimensions			
Max. working width	mm	1600	1570
Turning radius, inside	mm	4174	4174
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/HP/rpm		63,0/85,7/2500	63,0/85,7/2500
Power rating SAE J1349, kW/HP/rpm		63,0/84,4/2500	63,0/84,4/2500
Emission standard EU / USA		III / Tier 3	III / Tier 3
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	0,62/0,35	0,62/0,35
Amplitude, rear, I/II	mm	0,62/0,35	
Centrifugal force, front, I/II	kN	76/62	76/62
Centrifugal force, rear, I/II	kN	76/62	
Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	36	36
Oscillation angle +/-	°	10	10

Brake system			
Service brake, mode		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode		Spring-loaded/mechanical	Spring-loaded/mechanical
Parking brake, actuation		electr. a. autom.	electr. a. autom.
Emergency brake, mode		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop	Emergency stop

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

Equipment
Spring-mounted tiltable driver stand, 1 comfort seat, can be swivelled and rotated, 2 multifunction drive levers, Front and rear windscreen wiper, Indicator lights and emergency stop switch, 2 spotlights, rear, Lighting per German Road Traffic Regulations, Battery main switch, Triple oil filtering, Water level display, Speedometer, CE-ready, 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

