



HD 110 / HD 110K

HD 110 - Articulated tandem roller with two vibratory drums

HD 110K - 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 110K - Articulated combi roller with vibratory drum

	HD 110	HD 110K
Weights		
Operating weight with ROPS	kg 10265	8965
Operating weight with cab	kg 10530	9230
Operating weight, max.	kg 13180	11890
Axle load, front/rear	kg 5295/5235	5295/3935
Load per tyre, rear	kg	983,75
Static linear load, front/rear	kg/cm 31,5/31,2	
Static linear load, front	kg/cm	31,5
French classific., data/class	28,9/VT2	28,9,9,8/VX2.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 thickness, front/rear	mm 22/22	
Drum thickness, front	mm	22
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	HD 110	HD 110K
Vibration frequency, front, I/II	Hz 42/50	42/50
Vibration frequency, rear, I/II	Hz 42/50	
Amplitude, front, I/II	mm 0,84/0,49	0,84/0,49
Amplitude, rear, I/II	mm 0,84/0,49	
Centrifugal force, front, I/II	kN 120/99	120/99
Centrifugal force, rear, I/II	kN 120/99	

Steering	HD 110	HD 110K
Steering, type	Articulated steering	Articulated steering
Steering, actuation	hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	° 39	39
Oscillation angle +/-	° 10	10

Sprinkler system	HD 110	HD 110K
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	3050	3060
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

