



## 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 110 - Articulated tandem roller with two vibratory drums  
 HD 110K - Articulated combi roller with vibratory drum

		HD 110	HD 110K
<b>Weights</b>			
Operating weight	kg	10540	9225
Maximum weight	kg	13300	12000
Axle load, front/rear	kg	5300/5240	5290/3935
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
<b>Machine dimensions</b>			
Max. working width	mm	1780	1750
Turning radius, inside	mm	3961	3961
Size of tyres, rear			11.00-20
<b>Diesel engine</b>			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. ISO 14396, kW/HP/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
Emission standard EU / USA		III / Tier 3	III / Tier 3
<b>Drive</b>			
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

<b>Vibration</b>			
Vibration frequency, front, I/II	Hz	42/50	42/50
Vibration frequency, rear, I/II	Hz	42/50	
Amplitude, front, I/II	mm	0,81/0,47	0,81/0,47
Amplitude, rear, I/II	mm	0,81/0,47	
Centrifugal force, front, I/II	kN	117/97	117/97
Centrifugal force, rear, I/II	kN	117/97	

<b>Steering</b>			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	39	39
Oscillation angle +/-	°	10	10

<b>Brake system</b>			
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

<b>Sprinkler system</b>			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity		900	900
Additive sprinkling, type			Pressure
Actuation, additive sprinkling			Push button
Additive tank, capacity			22

**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, 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

<b>Total length</b>	<b>L</b>	<b>4600</b>	<b>4600</b>
<b>Width</b>	<b>B</b>	<b>1810</b>	<b>1810</b>
<b>Total height</b>	<b>H</b>	<b>3050</b>	<b>3060</b>
<b>Wheel base</b>	<b>A</b>	<b>3400</b>	<b>3400</b>
<b>Roller drum width</b>	<b>X</b>	<b>1680/1680</b>	<b>1680</b>
<b>Drum diameter</b>	<b>D</b>	<b>1200/1200</b>	<b>1200</b>
<b>Width over tyres</b>	<b>Y</b>		<b>1620</b>
<b>Diameter of tyres</b>	<b>R</b>		<b>1030</b>

