





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





HD 110 **HD 110K** Weights 10540 Operating weight 9225 kg Maximum weight kg 13300 12000 5290/3935 Axle load, front/rear kg 5300/5240 983.75 Load per tyre, rear kg Static linear load, front/rear ka/cm 31,5/31,2 Static linear load, front kg/cm 31,5 Machine dimensions 1780 1750 Max. working width mm Turning radius, inside 3961 3961 mm Size of tyres, rear 11.00-20 Diesel engine DEUTZ Manufacturer **DEUTZ** TCD 2012 L04 2V TCD 2012 L04 2V Type Number of cylinders Power rat. ISO 14396, kW/HP/rpm 100,0/136,0/2300 100,0/136,0/2300 100,0/134,0/2300 III / Tier 3 Power rating SAE J1349, kW/HP/rpm 100,0/134,0/2300 Emission standard EU / USA III / Tier 3

Drive

Hydrostatic drive, front/rear

Speed, working gear

Speed, transportation gear

Climbing ability, vibration on/off

Hydr. motor/hydr. motor

Hydr. motor/hydr. motor

0-7,4

0-7,4

0-14,8

0-14,8

30/40

30/40

Vibration system

Hydrostatic drive, All-wheel-steered tandem roller with two vibratory drums

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

Steering
Steering, type
Steering, actuation
Steering angle +/
°

Steering wheel
Steering angle +/
Steering wheel
Steering angle +/
Steering wheel
Steering angle +/
Steering wheel

10

Brake system

Oscillation angle +/-

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

Sprinkler system Pressure Water sprinkler, type 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

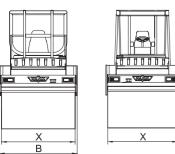
Equipmen

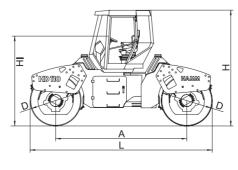
Spring-mounted tiltable driver stand, 1 comfort seat, can be swivelled and rotated, 2 multifunction drive levers, Front and rear windscreen wiper, Indicator lights and emergency stop switch, 2 spotlights, rear, Lighting per German Road Traffic Regulations, Battery main switch, Triple oil filtering, Water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

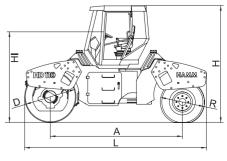
Optional equipment

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

Total length	L	4600	4600
Width	В	1810	1810
Total height	Н	3050	3060
Wheel base	Α	3400	3400
Roller drum width	X	1680/1680	1680
Drum diameter	D	1200/1200	1200
Width over tyres	Υ		1620
Diameter of tyres	R		1030







42/50

10

0,81/0,47 117/97