





## HD+ 90 VV / HD+ 90 VO

HD+ 90 VV - Articulated tandem roller with two vibratory drums

HD+ 90 VO - Articulated tandem roller with vibratory and oscillating drum



- Ergonomic driver seat with 2 multifunction drive levers
- Driver seat including steering wheel and instrument panel can be rotated and moved
- 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
- Crab steering to increase working width





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## 9380 9380 kg Maximum weight kg 11900 4740/4610 11900 4770/4610 Axle load, front/rear kg Static linear load, front/rear 28,4/27,4 28,4/27,4 kg/cm Machine dimensions 1850 Max. working width mm 1850 5250 5250 Turning radius, inside mm Diesel engine DFUT7 DFUT7 Manufacturer 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 Power rating SAE J1349, kW/HP/rpm 100,0/134,0/2300 100,0/134,0/2300 Emission standard EU / USA III A / Tier 3 III A / Tier 3 Drive Hydrostatic drive, front/rear Hydr. motor/hydr. motor Hydr. motor/hydr. motor Speed, working gear km/h 0-6,0 0-6,0 Speed, transportation gear km/h 0-12,0 0-12,0 Climbing ability, vibration on/off % 35/40 35/40 Vibration system Hydrostatic drive Vibration Vibration frequency, front, I/II Hz 42/50 42/50 Vibration frequency, rear, I/II Hz 42/50 0,62/0,34 0,62/0,34 Amplitude, front, I/II mm 0,62/0,34 Amplitude, rear, I/II Centrifugal force, front, I/II mm 75/60 kN 75/60 Centrifugal force, rear, I/II kΝ 75/60 Oscillation 39 Oscillation frequency, rear Hz Tangential amplitude, rear mm 1.44 Oscillation force, rear kΝ Steering Steering, type Pivoted steering Pivoted steering Steering, actuation hydrostatic, steering wheel hydrostatic, steering wheel Steering angle +/-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. hydr./mech. Emergency brake, mode hydr./mech. Emergency stop Emergency stop Emergency brake, actuation Sprinkler system Water sprinkler, type Pressure Pressure Actuation, sprinkling interval/manual interval/manual

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## Equipment

Weights

Spring-mounted driver seat, Comfort seat can be swivelled and moved, Multifunction drive lever to right of seat, Amplitude, switchable: large/small, Vibration, switchable: front/rear/together, Front and rear windscreen wiper, Indicator lights and emergency stop, CE-ready, Battery main switch, Triple oil filtering, Lighting per German Road Traffic Regulations, Water level display, Speedometer, ROPS comfortable spacious cab, Access handles

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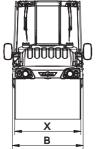
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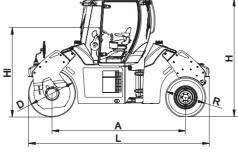
## Optional equipment

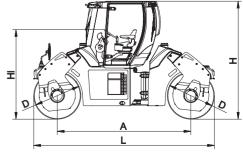
Water tank, capacity

HCQ asphalt compression meter, HCQ asphalt thermometer, Frequency regulator, switchable: front/rear/together, Crab steering to increase working width, ROPS panoramic cab, Heat/air conditioning with dehumidification, Dust-free ventilation, Interior lighting, Exterior and interior mirrors, Tachograph, Rotating beacon, Sound insulation, Edge pressing and cutting equipment, Radio, Back-up alarm, Second multifunction drive levers, Drum lighting, Cab: 4 headlights, All headlights available in Xenon, Fabric seat, Driver seat, back extension, Seat belt, Sunroof

Total length	L	4600	4600
Width	В	1790	1790
Total height	Н	3050	3050
Wheel base	Α	3400	3400
Roller drum width	X	1680/1680	1680/1680
Drum diameter	D	1200/1200	1200/1200







834

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