





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 for perfect all-round visibility
- 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



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





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HD+ 90 VV HD+ 90 VO Weights Operating weight with ROPS 9220 9220 kg Operating weight with cab kg 9380 9380 11900 Operating weight, max. kg 11900 4740/4610 4770/4610 Axle load, front/rear ka Static linear load, front/rear kg/cm 28,4/27,4 28,4/27,4 22,4/VT1 French classific., data/class 22,4/VT1 Machine dimensions 1850 1850 Max. working width mm Lateral overhang, left/right 55/55 55/55 mm Ground clearance, left/right 790/790 790/790 mm Ground clearance, centre 330 330 mm Turning radius, inside mm 5250 5250 17/17 Drum thickness, front/rear mm 17/17 Diesel engine **DEUTZ** Manufacturer **DEUTZ** TCD 2012 L04 2V TCD 2012 L04 2V Type Number of cylinders 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 150 150 Drive Hydrostatic drive, front/rear Hydr. motor/hydr. motor Hydr. motor/hydr. motor km/h 0-6,0 Speed, working gear 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 Amplitude, rear, I/II Centrifugal force, front, I/II 0.62/0,34 mm kΝ 75/60 75/60 Centrifugal force, rear, I/II kΝ 75/60 Oscillation Oscillation frequency, rear 39 Hz Tangential amplitude, rear 1,44 mm 144 Oscillation force, rear kΝ Steering Articulated steering Steering, type Articulated steering Steering, actuation hydrostatic, steering wheel hydrostatic, steering wheel Steering angle +/-

Equipment

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, Indicator lights and emergency stop, Battery main switch, Triple oil filtering, Water level display, Speedometer, Access handles

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Pressure

interval/manual

Optional equipment

Oscillation angle +/-

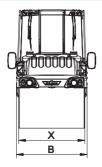
Sprinkler system Water sprinkler, type

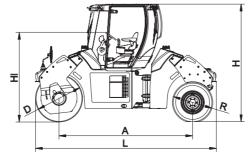
Actuation, sprinkling

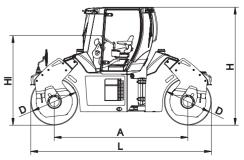
Water tank, capacity

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
Height loading, min.	HI	2185	2185







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Pressure

interval/manual