



HD O90V

HD O90V - 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 swivelled and rotated
- ▶ Clear view of drum surface, its outer edge and working environment
- ▶ Can be used universally thanks to oscillations and vibrations



- ▶ 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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Weights

Operating weight with cab	kg	9180
Operating weight, max.	kg	11830
Axle load, front/rear	kg	4585/4595
Static linear load, front/rear	kg/cm	27,3/27,4
French classific., data/class		22,2/VT1

Machine dimensions

Max. working width	mm	1780
Lateral overhang, left/right	mm	65/65
Ground clearance, left/right	mm	790/790
Ground clearance, centre	mm	330
Turning radius, inside	mm	3961
Drum thickness, front/rear	mm	17/17

Diesel engine

Manufacturer	DEUTZ
Type	TCD 2012 L04 2V
Number of cylinders	4
Power rat. ISO 14396, kW/PS/rpm	100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm	100,0/134,0/2300
Emissions standard EU/USA	III A / Tier 3
Fuel tank, capacity	L 185

Drive

Hydrostatic drive, front/rear		Hydr. motor/hydr. motor
Speed, working gear	km/h	0-7,4
Speed, transportation gear	km/h	0-14,8
Climbing ability, vibration on/off	%	30/40

Vibration system

Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear, Automatic frequency control with digital display. Oscillation or vibration, switched manually and automatically.

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,66/0,37
Centrifugal force, front, I/II	kN	75/60

Oscillation

Oscillation frequency, rear, I/II	Hz	33/39
Tangential amplitude, rear, I/II	mm	1,37/1,37
Oscillation force, rear, I/II	kN	103/144

Steering

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

Sprinkler system

Water sprinkler, type		Pressure
Actuation, sprinkling		interval/manual
Water tank, capacity	L	900

Equipment

1 comfort seat, can be swivelled and rotated, 2 multifunction drive levers, Operating hours counter, Fuel level, Indicator lights and emergency stop switch, 2 spotlights, rear, Battery main switch, Triple oil filtering, Water level display, Hydraulic oil temperature display

Optional equipment

ROPS panoramic cab, Dust-free ventilation, Sun visor, Interior lighting, ROPS/FOPS, Seat belt, Speedometer, HCQ asphalt compression meter, Sound insulation, Sunroof, Edge pressing and cutting equipment, Radio, Special colour, Sponge roller, Asphalt temperature display, Back-up alarm

Total length	L	4600
Width	B	1810
Total height	H	3040
Wheel base	A	3400
Roller drum width	X	1680/1680
Drum diameter	D	1200/1200
Height loading, min.	HI	2360

