





DV 90 TV / DV 90 TO

DV 90 TV - All-wheel-steered combi roller with vibratory drum

DV 90 TO - All-wheel-steered combination tandem roller with oscillation



- Seat automatically reverses in direction of travel
- Comfort seat, electrically adjustable and rotates more than 360°
- Spacious panoramic cabin providing good visibility and clear view of drums
- Precise adjustment of water sprinkler system
- Double-sided large maintenance doors and engine lowering system
- Steering wheel and drive lever with HI-DRIVE, indicator display with graphics display





DV 90 TV

DV 90 TO

Weights Operating weight with cab 8885 8735 kg Operating weight, max. kg 11400 11250 4160/4725 4160/4575 Axle load, front/rear kg Load per tyre, front 1040 1040 ka Static linear load, rear kg/cm 28.1 28.1 10,4.22,3/PLO.VX1 French classific., data/class

Machine dimensions

2960 2960 Max. working width mm Lateral overhang, left/right 65/65 65/65 mm Ground clearance, left/right 690/690 690/690 mm Ground clearance, centre 310 310 mm Turning radius, inside mm 2590 2590 Drum thickness, rear mm 17 17 Size of tyres, front 11.00-20 11.00-20

Diesel engine

DFUT7 DFUT7 Manufacturer TCD 2012 L04 2V TCD 2012 L04 2V Type Number of cylinders Power rat. ISO 14396, kW/PS/rpm 74,9/101,9/2400 74,9/101,9/2400 Power rating SAE J1349, kW/HP/rpm 74,9/100,4/2400 74,9/100,4/2400 Emissions standard EU/USA III A / Tier 3 III A / Tier 3 Fuel tank, capacity L 140 140

Drive

Hydrostatic drive, front/rear
Regulation, infinitely variable
Speed, working gear
Speed, transportation gear
Km/h
Climbing ability, vibration on/off
Hydr. motor/hydr. motor
Hammtronic/manual
Hammtronic/manual
0 - 7,0
0 - 7,0
0 - 12,0
30/40
30/40

42/55

Vibration system

Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear

Hz

VibrationVibration frequency, rear, I/II

Amplitude, rear, I/II mm 0,63/0,41
Centrifugal force, rear, I/II kN 84/94

Oscillation

Oscillation frequency, rear Hz 39
Tangential amplitude, rear mm 1,37
Oscillation force, rear kN 144

Steering

Steering, type All-wheel, analogue All-wheel, analogue Steering, actuation Joystick, hydrostatic Joystick, hydrostatic Steering angle +/- ° 25 25

Oscillation angle +/- ° 4

Sprinkler system

Water sprinkler, type Pressure Pressure Control system, infinitely variable Hammtronic/manual Hammtronic/manual 825 Water tank, capacity 825 Additive sprinkling, type Pressure Pressure Actuation, additive sprinkling Push button Push button 1 Additive tank, capacity 25 25

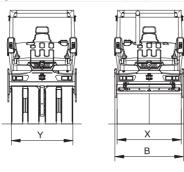
Equipment

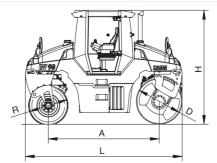
Spacious panoramic cab (ROPS/FOPS) providing clear visibility, Spring-mounted driver seat, Automatic frequency control with digital display, Cab can be moved laterally to both sides, Comfort seat, electrically adjustable and rotates more than 360°, Hammtronic electronic machine management, Steering wheel and drive lever with HI-DRIVE, Graphics display and indicator display, Emergency stop switch, Sunblind, Front and rear windscreen wiper, Lighting per German Road Traffic Regulations, Drum lighting, Spotlights, front/rear, 4 working mirrors, Battery main switch, CE conformity

Optional equipment

Edge pressing and cutting equipment, Radio, HCQ asphalt compression meter, Grit spreader, Anti-freeze injection, Central lubrication system

Total length	L	4100	4100
Width	В	1820	1820
Total height	Н	2980	2980
Wheel base	Α	2900	2900
Roller drum width	X	1680	1680
Drum diameter	D	1200	1200
Width over tyres	Y	1620	1620
Diameter of tyres	R	1030	1030
Height loading, min.	HI	2980	2980





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