



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



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		DV 90 TV	DV 90 TO
Weights			
Operating weight with cab	kg	8885	8735
Operating weight, max.	kg	11400	11250
Axle load, front/rear	kg	4160/4725	4160/4575
Load per tyre, front	kg	1040	1040
Static linear load, rear	kg/cm	28,1	28,1
French classific., data/class		10,4.22,3/PLO.VX1	
Machine dimensions			
Max. working width	mm	2960	2960
Lateral overhang, left/right	mm	65/65	65/65
Ground clearance, left/right	mm	690/690	690/690
Ground clearance, centre	mm	310	310
Turning radius, inside	mm	2590	2590
Drum thickness, rear	mm	17	17
Size of tyres, front		11.00-20	11.00-20
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
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		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Regulation, infinitely variable		Hammtronic/manual	Hammtronic/manual
Speed, working gear	km/h	0 - 7,0	0 - 7,0
Speed, transportation gear	km/h	0 - 12,0	0 - 12,0
Climbing ability, vibration on/off	%	30/40	30/40
Vibration system			
Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear			
Vibration			
Vibration frequency, rear, I/II	Hz	42/55	
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	4
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Control system, infinitely variable		Hammtronic/manual	Hammtronic/manual
Water tank, capacity	L	825	825
Additive sprinkling, type		Pressure	Pressure
Actuation, additive sprinkling		Push button	Push button
Additive tank, capacity	L	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	B	1820	1820
Total height	H	2980	2980
Wheel base	A	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

