



DV 70 TV / DV 70 TO

DV 70 TV - All-wheel-steered combi roller with vibratory drum

DV 70 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 70 TV	DV 70 TO
Weights		
Operating weight with cab	kg 7425	7425
Operating weight, max.	kg 9810	9810
Axle load, front/rear	kg 3530/3895	3530/3895
Load per tyre, front	kg 882,5	882,5
Static linear load, rear	kg/cm 26,0	26,3
French classific., data/class	8,8.19,5/PLO.VX0	
Machine dimensions		
Max. working width	mm 2710	2710
Lateral overhang, left/right	mm 45/45	45/45
Ground clearance, left/right	mm 695/695	695/695
Ground clearance, centre	mm 280	280
Turning radius, inside	mm 2505	2505
Drum thickness, rear	mm 17	17
Size of tyres, front	11.00-20	11.00-20
Diesel engine		
Manufacturer	DEUTZ	DEUTZ
Type	TD 2012 L04 2V	TD 2012 L04 2V
Number of cylinders	4	4
Power rat. ISO 14396, kW/PS/rpm	64,0/87,0/2300	64,0/87,0/2300
Power rating SAE J1349, kW/HP/rpm	64,0/85,8/2300	64,0/85,8/2300
Emissions standard EU/USA	III A / Tier 3	III A / Tier 3
Fuel tank, capacity	L 100	100
Drive		
Hydrostatic drive, front/rear	Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Regulation, infinitely variable	Hamtronic/manual	Hamtronic/manual
Speed, infinitely variable	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	42/50
Amplitude, rear, I/II	mm	0,61/0,42
Centrifugal force, rear, I/II	kN	63/63

Oscillation		
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,30
Oscillation force, rear	kN	103

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	Hamtronic/manual	Hamtronic/manual
Water tank, capacity	L 600	600
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°, Hamtronic 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	3890	3890
Width	B	1640	1640
Total height	H	2920	2920
Wheel base	A	2750	2750
Roller drum width	X	1500	1500
Drum diameter	D	1140	1140
Width over tyres	Y	1420	1420
Diameter of tyres	R	1030	1030
Height loading, min.	HI	2920	2920

