



DV 70 VV / DV 70 VO

DV 70 VV - All-wheel-steered tandem roller with two vibratory drums

DV 70 VO - All-wheel-steered tandem roller with vibratory and oscillating drum



- ▶ 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 VV	DV 70 VO
Weights			
Operating weight with cab	kg	7865	7865
Operating weight, max.	kg	10230	10230
Axle load, front/rear	kg	3970/3895	3970/3895
Static linear load, front/rear	kg/cm	26,5/26,0	26,5/26,0
French classific., data/class		19,8/VT0	19,8/VT0
Machine dimensions			
Max. working width	mm	2750	2750
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, front/rear	mm	17/17	17/17
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		Hammtronic/manual	Hammtronic/manual
Speed, infinitely variable	km/h	0 - 12,0	0 - 12,0
Climbing ability, vibration on/off	%	35/40	35/40

Vibration system
Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear, All-wheel-steered tandem roller with two vibratory drums

Vibration			
Vibration frequency, front, I/II	Hz	42/50	42/50
Vibration frequency, rear, I/II	Hz	42/50	
Amplitude, front, I/II	mm	0,61/0,42	0,61/0,42
Amplitude, rear, I/II	mm	0,61/0,42	
Centrifugal force, front, I/II	kN	63/63	63/63
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		Hammtronic/manual	Hammtronic/manual
Water tank, capacity	L	600	600

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	3890	3890
Width	B	1640	1640
Total height	H	2920	2920
Wheel base	A	2750	2750
Roller drum width	X	1500/1500	1500/1500
Drum diameter	D	1140/1140	1140/1140
Height loading, min.	HI	2920	2920

