



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
- ▶ HI-DRIVE steering wheel or joystick steering, indicator display with graphics display



- ▶ Precise adjustment of water sprinkler system
- ▶ Double-sided large maintenance doors and engine lowering system

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	DV 70 WV	DV 70 VO
Weights		
Operating weight	kg 7865	7865
Maximum weight	kg 10400	10400
Axle load, front/rear	kg 3970/3895	3970/3895
Static linear load, front/rear	kg/cm 26,5/26,0	26,5/26,0
Machine dimensions		
Max. working width	mm 2750	2750
Turning radius, inside	mm 2505	2505
Diesel engine		
Manufacturer	DEUTZ	DEUTZ
Type	TD 2012 L04 2V	TD 2012 L04 2V
Number of cylinders	4	4
Power rat. ISO 14396, kW/HP/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
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 63/62	63/62
Centrifugal force, rear, I/II	kN 63/62	
Oscillation		
Oscillation frequency, rear	Hz 36	36
Tangential amplitude, rear	mm 1,30	1,30
Oscillation force, rear	kN 103	103
Steering		
Steering, type	All-wheel, analogue	All-wheel, analogue
Steering, actuation	Joystick, hydrostatic	Joystick, hydrostatic
Steering angle +/-	° 25	25
Oscillation angle +/-	° 4	4
Brake system		
Service brake, mode	hydrostatic	hydrostatic
Service brake, actuation	Drive lever	Drive lever
Parking brake, mode	Spring-loaded/mechanical	Spring-loaded/mechanical
Parking brake, actuation	electr. a. autom.	electr. a. autom.
Emergency brake, mode	hydr./mech.	hydr./mech.
Emergency brake, actuation	Emergency stop	Emergency stop
Sprinkler system		
Water sprinkler, type	Pressure	Pressure
Control system, infinitely variable	Hammtronic/manual	Hammtronic/manual
Water tank, capacity	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°, HI-DRIVE joystick steering, i-dot, indicator display with graphics display, Hammtronic electronic machine management, Graphics display and indicator display, Emergency stop switch, Sunblind, Front and rear windscreen wiper, Lighting per German Road Traffic Regulations, Spotlights, front/rear, 4 working mirrors, Battery main switch, CE conformity

Optional equipment
 Edge pressing and cutting equipment, Radio, Steering wheel, HCQ asphalt compression meter, Grit spreader, Drum lighting, Sound insulation

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

