



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

DV 70 VW / DV 70 VO

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



	DV 70 VW	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
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/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
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		DV 70 VW	DV 70 VO
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		DV 70 VW	DV 70 VO
Oscillation frequency, rear	Hz		36
Tangential amplitude, rear	mm		1,30
Oscillation force, rear	kN		103

Steering		DV 70 VW	DV 70 VO
Steering, type		All-wheel, analogue	All-wheel, analogue
Steering, actuation		Joystick, hydrostatic	Joystick, hydrostatic
Steering angle +/-	°	25	25
Oscillation angle +/-	°	4	4

Sprinkler system		DV 70 VW	DV 70 VO
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

