



## 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
- ▶ 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 TV	DV 70 TO
<b>Weights</b>		
Operating weight	kg 7535	7535
Maximum weight	kg 10400	10400
Axle load, front/rear	kg 3585/3950	3585/3950
Load per tyre, front	kg 896,25	896,25
Static linear load, rear	kg/cm 26,3	26,3
<b>Machine dimensions</b>		
Max. working width	mm 2710	2710
Turning radius, inside	mm 2505	2505
Size of tyres, front	11.00-20	11.00-20
<b>Diesel engine</b>		
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
<b>Drive</b>		
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

<b>Vibration</b>		
Vibration frequency, rear, I/II	Hz	42/50
Amplitude, rear, I/II	mm	0,61/0,42
Centrifugal force, rear, I/II	kN	63/62

<b>Oscillation</b>		
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,30
Oscillation force, rear	kN	103

<b>Steering</b>		
Steering, type	All-wheel, analogue	All-wheel, analogue
Steering, actuation	Joystick, hydrostatic	Joystick, hydrostatic
Steering angle +/-	° 25	25
Oscillation angle +/-	° 4	4

<b>Brake system</b>		
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

<b>Sprinkler system</b>		
Water sprinkler, type	Pressure	Pressure
Control system, infinitely variable	Hamtronic/manual	Hamtronic/manual
Water tank, capacity	600	600
Additive sprinkling, type	Pressure	Pressure
Actuation, additive sprinkling	Push button	Push button
Additive tank, capacity	25	25

**Equipment**  
 Spacious panoramic cab (ROPS/FOPS) providing clear visibility, Spring-mounted driver seat, Automatic frequency control with digital display, Comfort seat, electrically adjustable and rotates more than 360°, Cab can be moved laterally to both sides, HI-DRIVE joystick steering, i-dot, indicator display with graphics display, Hamtronic 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

<b>Total length</b>	<b>L</b>	<b>3890</b>	<b>3890</b>
<b>Width</b>	<b>B</b>	<b>1640</b>	<b>1640</b>
<b>Total height</b>	<b>H</b>	<b>2920</b>	<b>2920</b>
<b>Wheel base</b>	<b>A</b>	<b>2750</b>	<b>2750</b>
<b>Roller drum width</b>	<b>X</b>	<b>1500</b>	<b>1500</b>
<b>Drum diameter</b>	<b>D</b>	<b>1140</b>	<b>1140</b>
<b>Width over tyres</b>	<b>Y</b>	<b>1420</b>	<b>1420</b>
<b>Diameter of tyres</b>	<b>R</b>	<b>1030</b>	<b>1030</b>

