



## DV 85 TV / DV 85 TO

**DV 85 TV** - All-wheel-steered combi roller with vibratory drum

**DV 85 TO** - All-wheel-steered combination tandem roller with oscillation



- ▶ Spacious panoramic cabin providing good visibility and clear view of drums
- ▶ Steering wheel, indicator display with graphics display
- ▶ Oscillation and vibration can be selected separately; adjustable for front and rear drums
- ▶ Precise adjustment of water sprinkler system
- ▶ Double-sided large maintenance doors and engine lowering system



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		DV 85 TV	DV 85 TO
<b>Weights</b>			
Operating weight	kg	8885	8735
Maximum weight	kg	12500	12500
Axle load, front/rear	kg	4185/4700	4185/4550
Load per tyre, front	kg	1046,25	1046,25
Static linear load, rear	kg/cm	28,0	27,1
<b>Machine dimensions</b>			
Max. working width	mm	2960	2960
Turning radius, inside	mm	2590	2590
Size of tyres, front		11.00-20	11.00-20
<b>Diesel engine</b>			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. ISO 14396, kW/HP/rpm		74,9/101,9/2400	74,9/101,9/2400
Power rating SAE J1349, kW/HP/rpm		74,9/100,4/2400	74,9/100,4/2400
Emission standard EU / USA		III / Tier 3	III / Tier 3
<b>Drive</b>			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Regulation, infinitely variable		Hamtronic/manual	Hamtronic/manual
Speed, working gear	km/h	0 - 7,0	0 - 7,0
Speed, transportation gear	km/h	0 - 12,0	0 - 12,0
Climbing ability, vibration on/off	%	30/40	30/40
<b>Vibration system</b>			
Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear			
<b>Vibration</b>			
Vibration frequency, rear, I/II	Hz	42/55	
Amplitude, rear, I/II	mm	0,62/0,41	
Centrifugal force, rear, I/II	kN	84/94	
<b>Oscillation</b>			
Oscillation frequency, rear	Hz		39
Tangential amplitude, rear	mm		1,37
Oscillation force, rear	kN		144
<b>Steering</b>			
Steering, type		All-wheel, analogue	All-wheel, analogue
Steering, actuation		Steering wheel, hydrostatic	Steering wheel, 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		825	825
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 can be rotated +/- 60°, 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, HCQ asphalt compression meter, Grit spreader, Drum lighting, Sound insulation

<b>Total length</b>	<b>L</b>	<b>4100</b>	<b>4100</b>
<b>Width</b>	<b>B</b>	<b>1820</b>	<b>1820</b>
<b>Total height</b>	<b>H</b>	<b>2980</b>	<b>2980</b>
<b>Wheel base</b>	<b>A</b>	<b>2900</b>	<b>2900</b>
<b>Roller drum width</b>	<b>X</b>	<b>1680</b>	<b>1680</b>
<b>Drum diameter</b>	<b>D</b>	<b>1200</b>	<b>1200</b>
<b>Width over tyres</b>	<b>Y</b>	<b>1620</b>	<b>1620</b>
<b>Diameter of tyres</b>	<b>R</b>	<b>1030</b>	<b>1030</b>

