



## 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
- ▶ 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 with cab	kg 8885	8735
Operating weight, max.	kg 11400	11250
Axle load, front/rear	kg 4160/4725	4160/4575
Load per tyre, front	kg 1040	1040
Static linear load, rear	kg/cm 28,1	28,1
French classific., data/class	10,4.12,0/PLO.VX1	
<b>Machine dimensions</b>		
Max. working width	mm 2960	2960
Lateral overhang, left/right	mm 65/65	65/65
Ground clearance, left/right	mm 690/690	690/690
Ground clearance, centre	mm 310	310
Turning radius, inside	mm 2590	2590
Drum thickness, rear	mm 17	17
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/PS/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
Emissions standard EU/USA	III A / Tier 3	III A / Tier 3
Fuel tank, capacity	L 140	140
<b>Drive</b>		
Hydrostatic drive, front/rear	Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Regulation, infinitely variable	Hammtronic/manual	Hammtronic/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

**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	42/55
Amplitude, rear, I/II	mm	0,63/0,41
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>Sprinkler system</b>		
Water sprinkler, type	Pressure	Pressure
Control system, infinitely variable	Hammtronic/manual	Hammtronic/manual
Water tank, capacity	L 825	825
Additive sprinkling, type	Pressure	Pressure
Actuation, additive sprinkling	Push button	Push button
Additive tank, capacity	L 25	25

**Equipment**  
 Spacious panoramic cab (ROPS/FOPS) providing clear visibility, Spring-mounted driver seat, Comfort seat can be rotated +/- 60°, Automatic frequency control with digital 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, 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

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

