



## DV+ 90i VV-S / DV+ 90i VO-S

**DV+ 90i VV-S** - All-wheel-steered tandem roller with two divided vibratory drums

**DV+ 90i VO-S** - All-wheel-steered tandem roller with one divided vibratory and one oscillating drum



- ▶ Easy Drive operating concept
- ▶ Large maintenance doors on both sides
- ▶ Pressure refilling of water from below
- ▶ Precise adjustment of water sprinkler system
- ▶ Spacious panoramic cab providing good visibility and a clear view of the drums
- ▶ Driver seat including steering wheel and instrument panel can be rotated and moved



# DV+ 90i VV-S / DV+ 90i VO-S



DV+ 90i VV-S - All-wheel-steered tandem roller with two divided vibratory drums

DV+ 90i VO-S - All-wheel-steered tandem roller with one divided vibratory and one oscillating drum

		DV+ 90i VV-S	DV+ 90i VO-S
<b>Weights</b>			
Operating weight with cab	kg	9370	9190
Operating weight, max.	kg	12200	12020
Axle load, front/rear	kg	4645/4725	4645/4545
Static linear load, front/rear	kg/cm	27,6/28,1	25,8/25,4
French classific., data/class		21,6/VT1	20,2/VT1
<b>Machine dimensions</b>			
Max. working width	mm	3050	3050
Lateral overhang, left/right	mm	63,5/63,5	63,5/63,5
Ground clearance, left/right	mm	665/665	665/665
Ground clearance, centre	mm	300	300
Turning radius, inside	mm	3000	3000
Drum type, front		smooth/divided	smooth/divided
Drum type, rear		smooth/divided	smooth/non-divided
Drum thickness, front/rear	mm	17/17	17/17
<b>Diesel engine</b>			
Manufacturer		DEUTZ	DEUTZ
Version		TCD 3.6 L4	TCD 3.6 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		74,4/101,2/2300	74,4/101,2/2300
Power rating SAE J1349, kW/HP/rpm		74,4/99,7/2300	74,4/99,7/2300
Emissions standard EU/USA		III B / Tier 4i	III B / Tier 4i
Fuel tank, capacity	L	190	190
<b>Drive</b>			
Hydrostatic drive, front/rear		Wheel motor/Wheel motor	Wheel motor/Wheel motor
Regulation, infinitely variable		Hammtronic	Hammtronic
Speed, infinitely variable	km/h	0 - 10,0	0 - 10,0
Climbing ability, vibration on/off	%	40/45	40/45
<b>Vibration</b>			
Vibration frequency, front, I/II	Hz	42/55	42/55
Vibration frequency, rear, I/II	Hz	42/55	42/55
Amplitude, front, I/II	mm	0,61/0,40	0,61/0,40
Amplitude, rear, I/II	mm	0,61/0,40	0,61/0,40
Centrifugal force, front, I/II	kN	84/94	84/94
Centrifugal force, rear, I/II	kN	84/94	84/94
<b>Oscillation</b>			
Oscillation frequency, rear	Hz		36
Tangential amplitude, rear	mm		1,12
Oscillation force, rear	kN		103
<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
Actuation, water sprinkler		interval/manual	interval/manual
Water tank, capacity	L	913	913

## Equipment

Lighting as per German Road Traffic Regulations, CE conformity, Pressure refilling of water from below, Spring-mounted driver's seat, Front and rear windscreen wiper, Seat console can be moved and rotated, Spotlight, 4 units, Easy Drive operating concept, Spacious panoramic cab (ROPS) providing clear visibility

## Optional equipment

Back-up alarm, Tachograph, Fire-extinguisher, Anti-freezing injection, HAMM Compaction Meter, HAMM Temperature Meter, Edge pressing and cutting equipment, Air conditioning, Radio, Rotating beacon, Chip spreader, Telematics, Central grease points, HCQ Navigator, preparation, LED spotlight, 4 units

<b>Total length</b>	<b>L</b>	<b>4450</b>	<b>4450</b>
<b>Width</b>	<b>B</b>	<b>1860</b>	<b>1860</b>
<b>Total height</b>	<b>H</b>	<b>2965</b>	<b>2965</b>
<b>Wheel base</b>	<b>A</b>	<b>3250</b>	<b>3250</b>
<b>Drum width</b>	<b>X</b>	<b>1680/1680</b>	<b>1680/1680</b>
<b>Drum diameter</b>	<b>D</b>	<b>1200/1200</b>	<b>1200/1200</b>
<b>Height loading, min.</b>	<b>HI</b>	<b>2172</b>	<b>2172</b>

