



HD+ 140i VV / HD+ 140i VO

HD+ 140i VV - Articulated tandem roller with two vibratory drums

HD+ 140i VO - Articulated tandem roller with vibratory and oscillating drum



- ▶ Diesel engine with high power and low sound level
- ▶ Pressure sprinkler system with 2 water pumps; spray nozzles visible from driver seat
- ▶ Ergonomic driver seat for perfect all-round visibility
- ▶ Driver seat including steering wheel and instrument panel can be rotated and moved



- ▶ Clear view of drum surface, its outer edge and working environment
- ▶ Crab steering to increase working width
- ▶ Hydrostatic all-wheel drive for excellent hill climbing ability

HD+ 140i VV / HD+ 140i VO

HD+ 140i VV - Articulated tandem roller with two vibratory drums
HD+ 140i VO - Articulated tandem roller with vibratory and oscillating drum

		HD+ 140i VV	HD+ 140i VO
Weights			
Operating weight with ROPS	kg	12515	12715
Operating weight with cab	kg	12755	12955
Operating weight, max.	kg	13670	13870
Axle load, front/rear	kg	6400/6355	6400/6555
Static linear load, front/rear	kg/cm	29,9/29,7	29,9/30,6
French classific., data/class		27,4/VT2	27,4/VT2
Machine dimensions			
Max. working width	mm	2310	2310
Lateral overhang, left/right	mm	60/60	60/60
Ground clearance, left/right	mm	900/900	900/900
Ground clearance, centre	mm	340	340
Turning radius, inside	mm	5980	5980
Drum thickness, front/rear	mm	19/19	19/17
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 4.1 L4	TCD 4.1 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		115,0/156,4/2300	115,0/156,4/2300
Power rating SAE J1349, kW/HP/rpm		115,0/154,1/2300	115,0/154,1/2300
Emissions standard EU/USA		III B / Tier 4i	III B / Tier 4i
Fuel tank, capacity	L	260	260
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, working gear	km/h	0-6,0	0-6,0
Speed, transportation gear	km/h	0-12,0	0-12,0
Climbing ability, vibration on/off	%	35/40	30/35
Vibration system			
Hydrostatic drive			
Vibration			
Vibration frequency, front, I/II	Hz	40/50	40/50
Vibration frequency, rear, I/II	Hz	40/50	
Amplitude, front, I/II	mm	0,86/0,47	0,86/0,47
Amplitude, rear, I/II	mm	0,86/0,47	
Centrifugal force, front, I/II	kN	180/150	180/150
Centrifugal force, rear, I/II	kN	180/150	
Oscillation			
Oscillation frequency, rear	Hz		36
Tangential amplitude, rear	mm		1,48
Oscillation force, rear	kN		207
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	30	30
Oscillation angle +/-	°	10	10
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	L	1145	1145
Equipment			
Amplitude, switchable: large/small, Access handles, Battery main switch, Triple oil filtering, Spring-mounted driver seat, Speedometer, Indicator lights and emergency stop, Multifunction drive lever to right of seat, Comfort seat can be swivelled and moved, Vibration, switchable: front/rear/together, Water level display			
Optional equipment			
All headlights available in Xenon, Exterior and interior mirrors, Back-up alarm, Drum lighting, Driver seat, back extension, Tachograph, Frequency regulator, switchable: front/rear/together, HCQ asphalt thermometer, HCQ asphalt compression meter, Heat/air conditioning with dehumidification, Crab steering to increase working width, Interior lighting, Cab: 4 headlights, Edge pressing and cutting equipment, Radio, ROPS panoramic cab, Rotating beacon, Sound insulation, Seat belt, Sunroof, Dust-free ventilation, Fabric seat, Second multifunction drive levers			

Total length	L	5200	5200
Width	B	2260	2260
Total height	H	2980	2980
Wheel base	A	3800	3800
Roller drum width	X	2140/2140	2140/2140
Drum diameter	D	1400/1400	1400/1400
Height loading, min.	HI	2140	2140

