



## HD+ 80i VT

HD+ 80i VT - Articulated combi roller with vibratory 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

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<b>Weights</b>		
Operating weight with ROPS	kg	7210
Operating weight with cab	kg	7380
Operating weight, max.	kg	9840
Axle load, front/rear	kg	3930/3450
Load per tyre, rear	kg	862,5
Static linear load, front	kg/cm	23,4
French classific., data/class		17,0.8,6/VX0.PLO

<b>Machine dimensions</b>		
Max. working width	mm	1780
Lateral overhang, left/right	mm	60/60
Ground clearance, left/right	mm	750/750
Ground clearance, centre	mm	340
Turning radius, inside	mm	4140
Drum thickness, front	mm	17
Size of tyres, rear		11.00-20

<b>Diesel engine</b>		
Manufacturer		DEUTZ
Type		TCD 2.9 L4
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2500
Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2500
Emissions standard EU/USA		III B / Tier 4
Fuel tank, capacity	L	120

<b>Drive</b>		
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor
Speed, working gear	km/h	0-6,0
Speed, transportation gear	km/h	0-12,0
Climbing ability, vibration on/off	%	30/40

### Vibration system

Hydrostatic drive

<b>Vibration</b>		
Vibration frequency, front, l/ll	Hz	48/58
Amplitude, front, l/ll	mm	0,61/0,33
Centrifugal force, front, l/ll	kN	77/63

<b>Steering</b>		
Steering, type		Articulated steering
Steering, actuation		hydrostatic, steering wheel
Steering angle +/-	°	37
Oscillation angle +/-	°	10

<b>Sprinkler system</b>		
Water sprinkler, type		Pressure
Actuation, sprinkling		interval/manual
Water tank, capacity	L	700
Additive sprinkling, type		Pressure
Actuation, additive sprinkling		Push button
Additive tank, capacity	L	18

**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**  
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, All headlights available in Xenon, 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

<b>Total length</b>	<b>L</b>	<b>4480</b>	
<b>Width</b>	<b>B</b>	<b>1800</b>	
<b>Total height</b>	<b>H</b>	<b>2890</b>	
<b>Wheel base</b>	<b>A</b>	<b>3340</b>	
<b>Roller drum width</b>	<b>X</b>	<b>1680</b>	
<b>Drum diameter</b>	<b>D</b>	<b>1140</b>	
<b>Width over tyres</b>	<b>Y</b>	<b>1614</b>	
<b>Diameter of tyres</b>	<b>R</b>	<b>1030</b>	
<b>Height loading, min.</b>	<b>HI</b>	<b>2080</b>	

