



HD+ 80i VV-S / HD+ 80i VO-S

HD+ 80i VV-S - Articulated tandem roller with two vibratory drums

HD+ 80i VO-S - 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+ 80i VW-S / HD+ 80i VO-S

HD+ 80i VW-S - Articulated tandem roller with two vibratory drums
HD+ 80i VO-S - Articulated tandem roller with vibratory and oscillating drum



| | | HD+ 80i VW-S | HD+ 80i VO-S |
|---|-------|-----------------------------|-----------------------------|
| Weights | | | |
| Operating weight with ROPS | kg | 7860 | 7780 |
| Operating weight with cab | kg | 8030 | 7950 |
| Operating weight, max. | kg | 10480 | 10400 |
| Axle load, front/rear | kg | 4085/3945 | 4085/3865 |
| Static linear load, front/rear | kg/cm | 24,3/23,5 | 24,3/23,0 |
| French classific., data/class | | 17,5/VT0 | 17,5/VT0 |
| Machine dimensions | | | |
| Max. working width | mm | 1815 | 1815 |
| Lateral overhang, left/right | mm | 60/60 | 60/60 |
| Ground clearance, left/right | mm | 750/750 | 750/750 |
| Ground clearance, centre | mm | 340 | 340 |
| Turning radius, inside | mm | 4140 | 4140 |
| Drum thickness, front/rear | mm | 17/17 | 17/17 |
| Diesel engine | | | |
| Manufacturer | | DEUTZ | DEUTZ |
| Type | | TCD 2.9 L4 | TCD 2.9 L4 |
| Number of cylinders | | 4 | 4 |
| Power rat. ISO 14396, kW/PS/rpm | | 55,4/75,3/2500 | 55,4/75,3/2500 |
| Power rating SAE J1349, kW/HP/rpm | | 55,4/74,2/2500 | 55,4/74,2/2500 |
| Emissions standard EU/USA | | III B / Tier 4 | III B / Tier 4 |
| Fuel tank, capacity | L | 120 | 120 |
| Drive | | | |
| Hydrostatic drive, front/rear | | Hydr. motor/hydr. motor | Hydr. motor/hydr. motor |
| Speed, infinitely variable | km/h | 0 - 10,0 | |
| Speed, working gear | km/h | | 0-6,0 |
| Speed, transportation gear | km/h | | 0-12,0 |
| Climbing ability, vibration on/off | % | 35/40 | 35/40 |
| Vibration system | | | |
| Hydrostatic drive | | | |
| Vibration | | | |
| Vibration frequency, front, I/II | Hz | 42/50 | 42/50 |
| Vibration frequency, rear, I/II | Hz | 42/50 | |
| Amplitude, front, I/II | mm | 0,52/0,36 | 0,52/0,36 |
| Amplitude, rear, I/II | mm | 0,52/0,36 | |
| Centrifugal force, front, I/II | kN | 63/63 | 63/63 |
| Centrifugal force, rear, I/II | kN | 63/63 | |
| Oscillation | | | |
| Oscillation frequency, rear, I/II | Hz | | 33/40 |
| Tangential amplitude, rear, I/II | mm | | 1,45/1,45 |
| Oscillation force, rear, I/II | kN | | 103/152 |
| Steering | | | |
| Steering, type | | Articulated steering | Articulated steering |
| Steering, actuation | | hydrostatic, steering wheel | hydrostatic, steering wheel |
| Steering angle +/- | ° | 37 | 37 |
| Oscillation angle +/- | ° | 10 | 10 |
| Sprinkler system | | | |
| Water sprinkler, type | | Pressure | Pressure |
| Actuation, sprinkling | | interval/manual | interval/manual |
| Water tank, capacity | L | 700 | 700 |
| 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 | 4480 | 4480 |
| Width | B | 1800 | 1800 |
| Total height | H | 2890 | 2890 |
| Wheel base | A | 3340 | 3340 |
| Roller drum width | X | 1680/1680 | 1680/1680 |
| Drum diameter | D | 1140/1140 | 1140/1140 |
| Height loading, min. | HI | 2080 | 2080 |

