

HD 13i VV

Tandem roller with two vibrating roller drums

Tandem rollers Series HD CompactLine / Series H285













HIGHLIGHTS HD CompactLine

- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading
- > Ergonomic driver platform
- > Excellent view of drum edge, machine and construction site environment
- > Compact dimensions

| Machine dimensions | | |
|----------------------------|---------|-----------------------|
| Total length (L) | mm • in | 2965 • 116.7 |
| Width (B) | mm • in | 1426 • 56.1 |
| Total height (H) | mm • in | 2590 • 102.0 |
| Drum width (X) | mm • in | 1300/1300 • 51.2/51.2 |
| Height, loading, min. (HI) | mm • in | 1820 • 71.7 |



EU Stage V /
EPA Tier 4

| TECHNICAL DATA | | Unit | HD 13i VV |
|------------------------------------------------------------------------------------|------------------------------------|------|-------------------------|
|  | Weights | | |
| Operating weight with cab | kg • lbs | | 4415 • 9,735 |
| Operating weight with ROPS | kg • lbs | | 4165 • 9,184 |
| Basic weight no cab, without ROPS | kg • lbs | | 3845 • 8,478 |
| Operating weight, max. | kg • lbs | | 5360 • 11,819 |
| Axle load, front/rear | kg • lbs | | 2120/2045 • 4,675/4,509 |
| Static linear load, front/rear | kg/cm • lbs/in | | 16,3/15,7 • 91.3/87.9 |
| French classific., data/class | | | 11,1/VT0 |
|  | Machine dimensions | | |
| Total length | mm • in | | 2965 • 116.7 |
| Total height with cab | mm • in | | 2720 • 107.1 |
| Total height with ROPS | mm • in | | 2590 • 102.0 |
| Height, loading, min. | mm • in | | 1820 • 71.7 |
| Total length with cabin | mm • in | | 2977 • 117.2 |
| Wheelbase | mm • in | | 1950 • 76.8 |
| Axle spacing with cabin | mm • in | | 1960 • 77.2 |
| Total width | mm • in | | 1426 • 56.1 |
| Max. working width | mm • in | | 1350 • 53.1 |
| Ground clearance, center | mm • in | | 305 • 12.0 |
| Curb clearance, left/right | mm • in | | 720/720 • 28.3/28.3 |
| Turning radius, inside | mm • in | | 2690 • 105.9 |
|  | Drum dimensions | | |
| Drum width, front/rear | mm • in | | 1300/1300 • 51.2/51.2 |
| Drum diameter, front/rear | mm • in | | 900/900 • 35.4/35.4 |
| Drum thickness, front/rear | mm • in | | 17/17 • 0.7/0.7 |
| Drum type, front | | | Smooth/non-split |
| Drum type, rear | | | Smooth/non-split |
| Track offset, left/right | mm • in | | 0/50 • 0.0/2.0 |
|  | Diesel engine | | |
| Manufacturer | | | KUBOTA |
| Type | | | V2403-CR |
| Number of cylinders | | | 4 |
| Power rat. ISO 14396, kW/PS/rpm | | | 37.4/50,9/2700 |
| Emission standard | | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | | DOC-DPF |
|  | Drive | | |
| Speed, infinitely variable | km/h • mph | | 0 - 11,0 • 0.0 - 6.8 |
| Climbing ability, vibration on/off | % | | 30/40 |
|  | Vibration | | |
| Vibration frequency, front, I/II | Hz • vpm | | 60/51 • 3,600/3,060 |
| Vibration frequency, rear, I/II | Hz • vpm | | 60/51 • 3,600/3,060 |
| Amplitude, front, I/II | mm • in | | 0,51/0,31 • .020/.012 |
| Amplitude, rear, I/II | mm • in | | 0,51/0,31 • .020/.012 |
| Centrifugal force, front, I/II | kN • lbs | | 64/39 • 14,400/8,775 |
| Centrifugal force, rear, I/II | kN • lbs | | 64/39 • 14,400/8,775 |
|  | Steering | | |
| Oscillation angle +/- | ° | | 8 |
| Steering, type | | | Articulated steering |
|  | Sprinkler system | | |
| Water sprinkler, type | | | Pressure |
|  | Tank capacity/Fill capacity | | |
| Fuel tank, capacity | L • Gal | | 73 • 19.3 |
| Water tank, capacity | L • Gal | | 285 • 75.3 |
|  | Sound level | | |
| Acoustic power LW(A), sticker | db(A) | | 104 |
| Acoustic power LW(A), measured | db(A) | | 102 |

EQUIPMENT

12 V outlet, 3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Pressure water sprinkling with interval switch, Operator's platform with entry from both sides, Left and right drive lever, V-belt protection, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central water drain, CompactLine front suspension eyelet

OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS cabin with heating, , Safety belt monitoring device, Radio, Protective roof, Edge pressing and cutting equipment, Chip spreader, Compaction meter HCQ, HAMM Temperature Meter (HTM), Back-up alarm, Telematics system, interface, Working light, Rotating beacon, Battery isolating switch, Bonnet with sound insulation, Additional mirror, Tool kit, Drum edge lighting

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