

Technical data

HD 13i VT



Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and set of wheels

H285

HIGHLIGHTS

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

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Weights

| | | |
|--|-----------------|--------------------------|
| Operating weight with cab | kg lbs | 4165 9,184 |
| Operating weight with ROPS | kg lbs | 3915 8,633 |
| Empty weight without cab, without ROPS | kg lbs | 3595 7,927 |
| Maximum operating weight | kg lbs | 5110 11,268 |
| Axle load, front/rear | kg lbs | 2120/1795 4,675/3,958 |
| Static linear load, front | kg/cm lbs/in | 16,3 91.3 |
| French classification, value/class | | 10,8/VT0 |
| Wheel load per tire, rear | kg lbs | 448,5 989 |

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 cab | m yd | 2977 3,256 |
| Center distance | mm in | 1950 76.8 |
| Center distance with cab | mm in | 1960 77.2 |
| Total width | mm in | 1426 56.1 |
| Maximum working width | mm in | 1338 52.7 |
| 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 | mm in | 1300 51.2 |
| Drum diameter, front | mm in | 900 35.4 |
| Drum thickness, front | mm in | 17 0.7 |
| Drum type, front | | Smooth/non-split |
| Track offset, left/right | mm in | 0/50 0.0/2.0 |

Tire dimensions

| | | |
|------------------------|----------|--------------|
| Tire size, rear | | 10.5/80-16 |
| Width over tires, rear | mm in | 1276 50.2 |

Tire dimensions

| | | |
|-----------------------|--|---|
| Number of tires, rear | | 4 |
|-----------------------|--|---|

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| Manufacturer | | Kubota |
| Model | | V2403-CR-E5B |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 36,8/50,0/2700 |
| Power SAE J1995, kW/HP/rpm | | 37,4/50,1/2700 |
| Exhaust emission standard | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF |

Travel drive

| | | |
|--------------------------------------|-------------|-----------------------|
| Speed, infinitely variable | km/h mph | 0 - 11,0 0.0 - 6.8 |
| Gradeability, with/without vibration | % | 30/40 |

Vibration

| | | |
|----------------------------------|-----------|------------------------|
| Vibration frequency, front, I/II | Hz vpm | 60/51 3,600/3,060 |
| Amplitude, front, I/II | mm in | 0,51/0,31 .020/.012 |
| Centrifugal force, front, I/II | kN lbs | 64/39 14,400/8,775 |

Steering

| | | |
|--------------------|---|----------------------|
| Pendulum angle +/- | ° | 8 |
| Steering, type | | Articulated steering |

Water-sprinkling system

| | | |
|------------------------|--|----------|
| Water sprinkling, type | | Pressure |
|------------------------|--|----------|

Tank capacity/filling capacity

| | | |
|-------------------------|----------|-------------|
| Fuel tank, capacity | L Gal | 73 19.3 |
| Water tank, capacity | L Gal | 285 75.3 |
| Additive tank, capacity | L Gal | 18 4.8 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 106 |
| Sound power level L(WA), representative measurement | db(A) | 103 |

EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Pressure water sprinkling system | Driver's platform with access from both sides | Drive lever, left and right | V-belt protection | Mechanical battery isolation switch | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central water outlet | CompactLine front towing eye