

Technical data

# HD 10i VO



## Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H251

### HIGHLIGHTS

- > Compact dimensions
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral control
- > Compaction with oscillation
- > Excellent view of drum edge, machine and construction site environment

## TECHNICAL DATA HD 10i VO (H251)

## Weights

|                                    |                 |                          |
|------------------------------------|-----------------|--------------------------|
| Operating weight with ROPS         | kg<br>lbs       | 2525<br>5,568            |
| Max. operating weight              | kg<br>lbs       | 3240<br>7,144            |
| Axle load, front/rear              | kg<br>lbs       | 1205/1320<br>2,657/2,911 |
| Static linear load, front/rear     | kg/cm<br>lbs/in | 12,1/13,2<br>67.8/73.9   |
| French classification, value/class |                 | 13,2/PV3                 |

## Machine dimensions

|                            |          |                      |
|----------------------------|----------|----------------------|
| Total length               | mm<br>in | 2530<br>99.6         |
| Total height with ROPS     | mm<br>in | 2475<br>97.4         |
| Height loading, min.       | mm<br>in | 1752<br>69.0         |
| Center distance            | mm<br>in | 1700<br>66.9         |
| Total width                | mm<br>in | 1110<br>43.7         |
| Maximum working width      | mm<br>in | 1050<br>41.3         |
| Ground clearance, center   | mm<br>in | 280<br>11.0          |
| Curb clearance, left/right | mm<br>in | 570/570<br>22.4/22.4 |
| Turning radius, inside     | mm<br>in | 2470<br>97.2         |

## Drum dimensions

|                            |          |                        |
|----------------------------|----------|------------------------|
| Drum width, front/rear     | mm<br>in | 1000/1000<br>39.4/39.4 |
| Drum diameter, front/rear  | mm<br>in | 720/720<br>28.3/28.3   |
| Drum thickness, front/rear | mm<br>in | 15/15<br>0.6/0.6       |
| Drum type, front           |          | Smooth/non-split       |
| Drum type, rear            |          | Smooth/non-split       |
| Track offset, left/right   | mm<br>in | 0/50<br>0.0/2.0        |

## Diesel engine

|                                 |  |                |
|---------------------------------|--|----------------|
| Manufacturer                    |  | KUBOTA         |
| Model                           |  | D1803-CR-E5B   |
| Cylinders, quantity             |  | 3              |
| Power ISO 14396, kW/PS/rpm      |  | 24,6/33,4/2400 |
| Power SAE J1995, kW/HP/rpm      |  | 25,0/33,5/2400 |
| Exhaust emissions category, EU  |  | EU Stage 5     |
| Exhaust emissions category, USA |  | EPA Tier 4     |
| Exhaust gas after-treatment     |  | DOC-DPF        |

## Travel drive

|                            |      |          |
|----------------------------|------|----------|
| Speed, infinitely variable | km/h | 0 - 10,6 |
|----------------------------|------|----------|

## Travel drive

|                                      |     |           |
|--------------------------------------|-----|-----------|
|                                      | mph | 0.0 - 6.6 |
| Gradeability, with/without vibration | %   | 35/40     |

## Vibration

|                                        |           |                        |
|----------------------------------------|-----------|------------------------|
| Vibration frequency, front, level I/II | Hz<br>vpm | 65/51<br>3,900/3,060   |
| Amplitude, front, level I/II           | mm<br>in  | 0,45/0,45<br>.018/.018 |
| Centrifugal force, front, level I/II   | kN<br>lbs | 43/26<br>9,675/5,850   |

## Oscillation

|                                         |           |                        |
|-----------------------------------------|-----------|------------------------|
| Oscillation force, rear, level I/II     | kN<br>lbs | 39/23<br>8,775/5,175   |
| Oscillation frequency, rear, level I/II | Hz<br>vpm | 38/29<br>2,280/1,740   |
| Tangential amplitude, rear, level I/II  | mm<br>in  | 1,34/1,34<br>.053/.053 |

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                      |          |             |
|----------------------|----------|-------------|
| Fuel tank, capacity  | L<br>Gal | 42<br>11.1  |
| Water tank, capacity | L<br>Gal | 180<br>47.6 |

## 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 | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Central water outlet | Lighting package for driving on public roads

## OPTIONAL EQUIPMENT

Plastic scraper, folding | Equipment Management | Seat belt monitoring device | Protective roof | Edge pressing and cutting device | Edge pressing and cutting device, track indicator | Water drain valve | All-wheel lock | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Working spotlights | Rotating beacon | Automatic engine stop | Tow hitch