

Technical data

# HD 12i VV



**Tandem rollers Series HD CompactLine**

Tandem roller with two vibration drums

**H251**

**HIGHLIGHTS**

- > Compact dimensions
- > Excellent view of the drum edges, the machine and the construction site surroundings
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral operation
- > Easy transport, simple loading

## TECHNICAL DATA HD 12i VV (H251)

## Weights

|                                    |       |           |
|------------------------------------|-------|-----------|
| Operating weight with ROPS         | kg    | 2695      |
| Max. operating weight              | kg    | 3410      |
| Axle load, front/rear              | kg    | 1335/1360 |
| Static linear load, front/rear     | kg/cm | 11,1/11,3 |
| French classification, value/class |       | 11,3/PV3  |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 2530    |
| Total height with ROPS     | mm | 2475    |
| Height loading, min.       | mm | 1752    |
| Centre distance            | mm | 1700    |
| Total width                | mm | 1310    |
| Maximum working width      | mm | 1250    |
| Ground clearance, centre   | mm | 280     |
| Kerb clearance, left/right | mm | 570/570 |
| Turning radius, inside     | mm | 2370    |

## Drum dimensions

|                            |    |                  |
|----------------------------|----|------------------|
| Drum width, front/rear     | mm | 1200/1200        |
| Drum diameter, front/rear  | mm | 720/720          |
| Drum thickness, front/rear | mm | 15/15            |
| Drum type, front           |    | Smooth/non-split |
| Drum type, rear            |    | Smooth/non-split |
| Track offset, left/right   | mm | 0/50             |

## 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 |
| Gradeability, with/without vibration | %    | 30/40    |

## Vibration

|                                        |    |           |
|----------------------------------------|----|-----------|
| Vibration frequency, front, level I/II | Hz | 65/51     |
| Vibration frequency, rear, level I/II  | Hz | 65/51     |
| Amplitude, front, level I/II           | mm | 0,45/0,45 |
| Amplitude, rear, level I/II            | mm | 0,45/0,45 |
| Centrifugal force, front, level I/II   | kN | 49/30     |
| Centrifugal force, rear, level I/II    | kN | 49/30     |

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                      |   |     |
|----------------------|---|-----|
| Fuel tank, capacity  | L | 42  |
| Water tank, capacity | L | 180 |

## 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 | Mechanical battery isolation switch | 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 | ROPS, foldable | Seat belt monitoring device | Protective roof | Edge pressing and cutting device | Edge pressing and cutting device, track indicator | Chip spreader | All-wheel lock | Anti-freeze injection system | HAMM Compaction Meter (HCM) | Automatic engine stop | HAMM Temperature Meter (HTM) | Telematics system, interface | Working spotlights | Rotating beacon | Drum edge lighting | Cup holder | Water drain valve | Towing eye, front | Tow hitch