

Technical data

# HD 8 VV



## Tandem rollers Series HD CompactLine

Tandem roller with two vibration drums

H263

### HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > Clear Side — one-sided drum mounting
- > Simple transport, simple loading
- > Compact dimensions
- > Excellent view of drum edge, machine and construction site environment

## TECHNICAL DATA HD 8 VV (H263)

## Weights

|                                    |                 |                        |
|------------------------------------|-----------------|------------------------|
| Operating weight with ROPS         | kg<br>lbs       | 1590<br>3,506          |
| Max. operating weight              | kg<br>lbs       | 1690<br>3,726          |
| Axle load, front/rear              | kg<br>lbs       | 765/825<br>1,687/1,819 |
| Static linear load, front/rear     | kg/cm<br>lbs/in | 9,6/10,3<br>53.8/57.7  |
| French classification, value/class |                 | 10,3/PV3               |

## Machine dimensions

|                          |          |              |
|--------------------------|----------|--------------|
| Total length             | mm<br>in | 2295<br>90.4 |
| Total height with ROPS   | mm<br>in | 2210<br>87.0 |
| Height loading, min.     | mm<br>in | 1580<br>62.2 |
| Center distance          | mm<br>in | 1560<br>61.4 |
| Total width              | mm<br>in | 938<br>36.9  |
| Maximum working width    | mm<br>in | 872<br>34.3  |
| Ground clearance, center | mm<br>in | 230<br>9.1   |
| Turning radius, inside   | mm<br>in | 2230<br>87.8 |

## Drum dimensions

|                            |          |                      |
|----------------------------|----------|----------------------|
| Drum width, front/rear     | mm<br>in | 800/800<br>31.5/31.5 |
| Drum diameter, front/rear  | mm<br>in | 620/620<br>24.4/24.4 |
| Drum thickness, front/rear | mm<br>in | 12/12<br>0.5/0.5     |
| Drum type, front           |          | Smooth/non-split     |
| Drum type, rear            |          | Smooth/non-split     |

## Diesel engine

|                                   |  |                |
|-----------------------------------|--|----------------|
| Manufacturer                      |  | KUBOTA         |
| Model                             |  | D1105-E4B      |
| Cylinders, quantity               |  | 3              |
| Power ISO 14396, kW/PS/rpm        |  | 16,1/21,9/2600 |
| Exhaust emissions category, EU    |  | EU Stage 5     |
| Exhaust emissions category, USA   |  | EPA Tier 4     |
| Exhaust emissions category, Korea |  | KOR Stage 5    |
| Exhaust gas after-treatment       |  | -              |

## Travel drive

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

## Vibration

|                                        |           |                        |
|----------------------------------------|-----------|------------------------|
| Vibration frequency, front, level I/II | Hz<br>vpm | 61/48<br>3,660/2,880   |
| Vibration frequency, rear, level I/II  | Hz<br>vpm | 61/48<br>3,660/2,880   |
| Amplitude, front, level I/II           | mm<br>in  | 0,43/0,43<br>.017/.017 |
| Amplitude, rear, level I/II            | mm<br>in  | 0,43/0,43<br>.017/.017 |
| Centrifugal force, front, level I/II   | kN<br>lbs | 17/11<br>3,825/2,475   |
| Centrifugal force, rear, level I/II    | kN<br>lbs | 17/11<br>3,825/2,475   |

## 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 | 33<br>8.7  |
| Water tank, capacity | L<br>Gal | 70<br>18.5 |

## Sound level

|                                                     |       |     |
|-----------------------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 105 |
| Sound power level L(WA), representative measurement | db(A) | 100 |

## EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Clear Side | Pressure water sprinkling system | V-belt protection | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket

## OPTIONAL EQUIPMENT

Plastic scraper, folding | Equipment Management | Additional drive lever, left | Protective roof | Water drain valve | Automatic engine stop | Back-up alarm | Working spotlights | Rotating beacon | Battery isolation switch | Tool kit