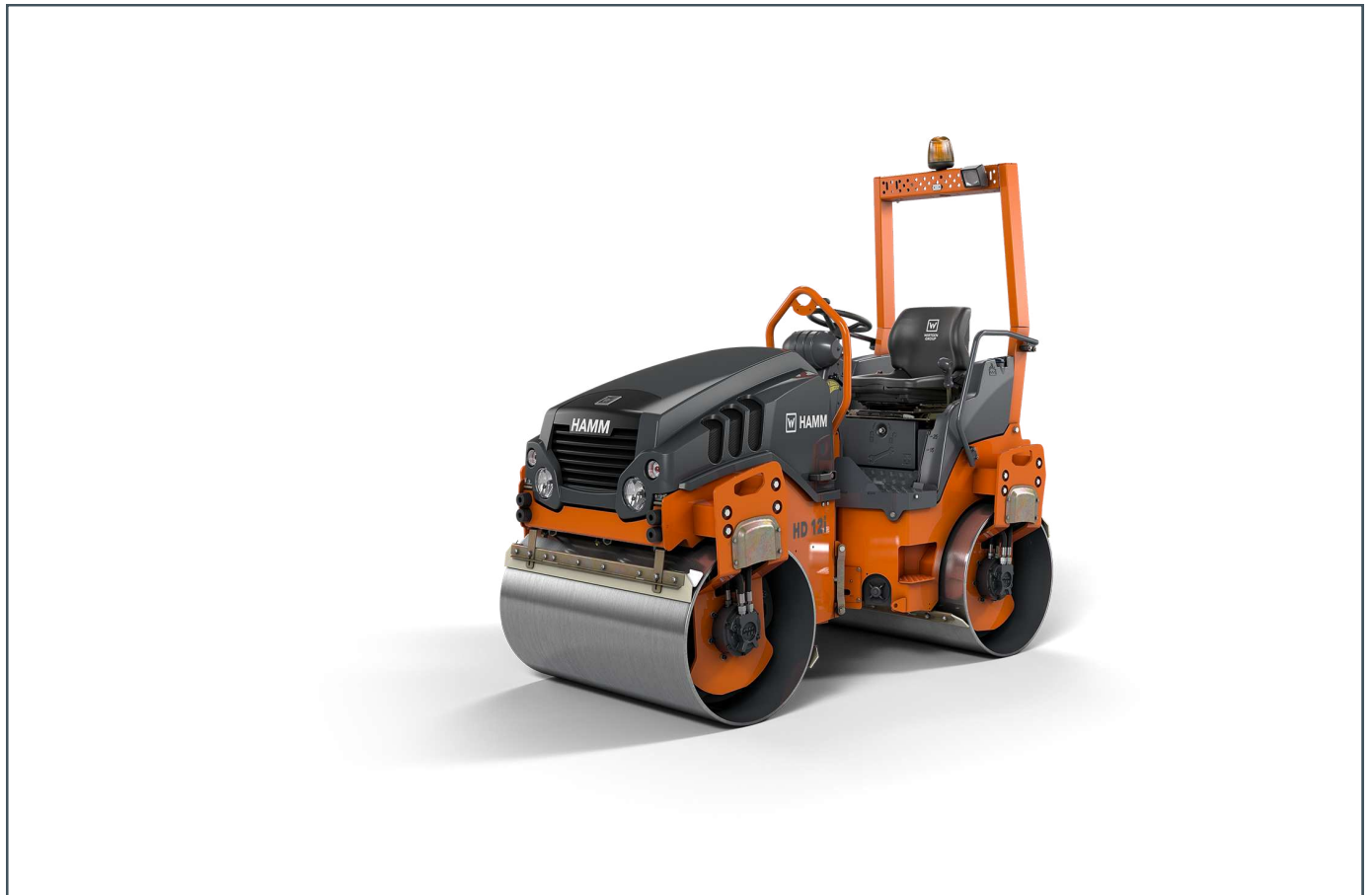


# HD 12i VV

Tandem roller with two vibrating roller drums

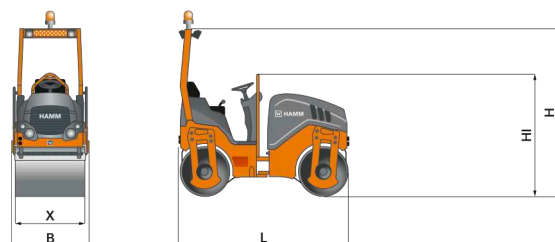
Tandem rollers Series HD CompactLine / Series H251



## 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 | 2530 • 99.6           |
| Width (B)                  | mm • in | 1310 • 51.6           |
| Total height (H)           | mm • in | 2475 • 97.4           |
| Drum width (X)             | mm • in | 1200/1200 • 47.2/47.2 |
| Height, loading, min. (HI) | mm • in | 1752 • 69.0           |



EU Stage V /  
EPA Tier 4

| TECHNICAL DATA   |                                    | Unit                    | HD 12i VV |
|--|------------------------------------|-------------------------|-----------|
|    | <b>Weights</b>                     |                         |           |
| Operating weight with ROPS   | kg • lbs                           | 2695 • 5,942            |           |
| Operating weight, max.   | kg • lbs                           | 3410 • 7,519            |           |
| Static linear load, front/rear   | kg/cm • lbs/in                     | 11,1/11,3 • 62.2/63.3   |           |
| French classific., data/class  |                                    | 11,3/PV3                |           |
|    | <b>Machine dimensions</b>          |                         |           |
| Total length   | mm • in                            | 2530 • 99.6             |           |
| Total height with ROPS   | mm • in                            | 2475 • 97.4             |           |
| Height, loading, min.  | mm • in                            | 1752 • 69.0             |           |
| Wheelbase  | mm • in                            | 1700 • 66.9             |           |
| Total width  | mm • in                            | 1310 • 51.6             |           |
| Max. working width   | mm • in                            | 1250 • 49.2             |           |
| Curb clearance, left/right   | mm • in                            | 570/570 • 22.4/22.4     |           |
| Turning radius, inside   | mm • in                            | 2370 • 93.3             |           |
|    | <b>Drum dimensions</b>             |                         |           |
| Drum width, front/rear   | mm • in                            | 1200/1200 • 47.2/47.2   |           |
| Drum diameter, front/rear  | mm • in                            | 720/720 • 28.3/28.3     |           |
| Drum thickness, front/rear   | mm • in                            | 15/15 • 0.6/0.6         |           |
| Drum type, front   |                                    | Smooth/non-split        |           |
| Drum type, rear  |                                    | Smooth/non-split        |           |
| Track offset, left/right   | mm • in                            | 0/50 • 0.0/2.0          |           |
|    | <b>Diesel engine</b>               |                         |           |
| Manufacturer   |                                    | KUBOTA                  |           |
| Type   |                                    | D1803-CR                |           |
| Number of cylinders  |                                    | 3                       |           |
| Power rat. ISO 14396, kW/PS/rpm  |                                    | 24.0/32,6/2200          |           |
| Power rating SAE J1995, kW/HP/rpm  |                                    | 24,0/32,2/2200          |           |
| Emission standard  |                                    | EU Stage V / EPA Tier 4 |           |
| Exhaust gas after-treatment  |                                    | DOC-DPF                 |           |
|  | <b>Drive</b>                       |                         |           |
| Speed, infinitely variable   | km/h • mph                         | 0 - 10,6 • 0.0 - 6.6    |           |
| Climbing ability, vibration on/off   | %                                  | 30/40                   |           |
|  | <b>Vibration</b>                   |                         |           |
| Vibration frequency, front, I/II   | Hz • vpm                           | 65/51 • 3,900/3,060     |           |
| Vibration frequency, rear, I/II  | Hz • vpm                           | 65/51 • 3,900/3,060     |           |
| Amplitude, front, I/II   | mm • in                            | 0,45/0,45 • .018/.018   |           |
| Amplitude, rear, I/II  | mm • in                            | 0,45/0,45 • .018/.018   |           |
| Centrifugal force, front, I/II   | kN • lbs                           | 49/30 • 11,025/6,750    |           |
| Centrifugal force, rear, I/II  | kN • lbs                           | 49/30 • 11,025/6,750    |           |
|  | <b>Steering</b>                    |                         |           |
| Oscillation angle +/-  | °                                  | 8                       |           |
| Steering, type   |                                    | Articulated steering    |           |
|  | <b>Sprinkler system</b>            |                         |           |
| Water sprinkler, type  |                                    | Pressure                |           |
|  | <b>Tank capacity/Fill capacity</b> |                         |           |
| Fuel tank, capacity  | L • Gal                            | 42 • 11.1               |           |
| Water tank, capacity   | L • Gal                            | 180 • 47.6              |           |
|  | <b>Sound level</b>                 |                         |           |
| Acoustic power LW(A), sticker  | db(A)                              | 106                     |           |
| 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, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central lifting bracket, Central water drain, Lighting package as per road traffic regulations

#### OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS, foldable, Safety belt monitoring device, Protective roof, Edge pressing and cutting equipment, Edge pressing and cutting equipment, track indicator, Chip spreader, All-wheel lock, Anti-freeze injection, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Telematics system, interface, Working light, Rotating beacon, Drum edge lighting, Cup holder, Water drain valve, Tow eye, front, Tow hitch

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