

Technical data

# HD 50 VT



## Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and set of wheels

H295

### HIGHLIGHTS

- > 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

**TECHNICAL DATA HD 50 VT (H295)**

**Weights**

Operating weight with ROPS	kg lbs	4100 9,040
Empty weight without cab, without ROPS	kg lbs	3750 8,269
Max. operating weight	kg lbs	5100 11,245
Axle load, front/rear	kg lbs	2125/1975 4,686/4,355
Static linear load, front	kg/cm lbs/in	15,4 86.2
French classification, value/class		10,0/VT0
Wheel load per tire, rear	kg lbs	493,75 1,089

**Machine dimensions**

Total length	mm in	2896 114.0
Total height with ROPS	mm in	2594 102.1
Height loading, min.	mm in	1829 72.0
Center distance	mm in	1950 76.8
Total width	mm in	1506 59.3
Maximum working width	mm in	1380 54.3
Ground clearance, center	mm in	302 11.9
Curb clearance, left/right	mm in	720/720 28.3/28.3
Turning radius, inside	mm in	2710 106.7

**Drum dimensions**

Drum width, front	mm in	1380 54.3
Drum diameter, front	mm in	898 35.4
Drum thickness, front	mm in	16 0.6
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
Number of tires, rear		4

**Diesel engine**

Manufacturer		Kubota
Model		V2403-M-DI-E3B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		36,5/49,6/2700

**Diesel engine**

Power SAE J1349, kW/HP/rpm		36,5/48,9/2700
Exhaust emission standard		MEE IV
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

**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	57/48 3,420/2,880
Amplitude, front, I/II	mm in	0,51/0,31 .020/.012
Centrifugal force, front, I/II	kN lbs	58/35 13,050/7,875

**Steering**

Swing angle +/-	°	8
Steering, type		Articulated steering

**Water-sprinkling system**

Water sprinkling, type		Pressure
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**Tank capacity/filling capacity**

Fuel tank, capacity	L Gal	73 19.3
Water tank, capacity	L Gal	260 68.7
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 | Left/right handrails | Pressure water sprinkling system | Driver's platform with entry from both sides | Hydrostatic steering | Vibration-isolated driver's platform | Track offset | Plastic scraper, folding | ROPS, folding

**OPTIONAL EQUIPMENT**

Protective roof | Edge pressing and cutting equipment | Track indicator | Water sprinkling system edge pressing and cutting equipment | Back-up alarm | Working spotlights | Rotating beacon