

Technical data

HD 13i VT



Tandem rollers Series HD CompactLine

Tandem roller with vibration drum and set of wheels

H285

HIGHLIGHTS

- > Excellent view of drum edge, machine and construction site environment
- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading
- > Compact dimensions
- > Ergonomic driver platform

TECHNICAL DATA HD 13i VT (H285)

Weights		
Operating weight with cab	kg lbs	4165 9,184
Operating weight with ROPS	kg lbs	3915 8,633
Empty weight without cab, without ROPS	kg lbs	3595 7,927
Max. operating weight	kg lbs	5110 11,268
Axle load, front/rear	kg lbs	2120/1795 4,675/3,958
Static linear load, front	kg/cm lbs/in	16,3 91.3
French classification, value/class		10,8/VT0
Wheel load per tire, rear	kg lbs	448,5 989

Machine dimensions		
Total length	mm in	2965 116.7
Total height with cab	mm in	2720 107.1
Total height with ROPS	mm in	2590 102.0
Height loading, min.	mm in	1820 71.7
Total length with cab	m yd	2977 3,256
Center distance	mm in	1950 76.8
Center distance with cab	mm in	1960 77.2
Total width	mm in	1426 56.1
Maximum working width	mm in	1338 52.7
Ground clearance, center	mm in	305 12.0
Curb clearance, left/right	mm in	720/720 28.3/28.3
Turning radius, inside	mm in	2690 105.9

Drum dimensions		
Drum width, front	mm in	1300 51.2
Drum diameter, front	mm in	900 35.4
Drum thickness, front	mm in	17 0.7
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

Tire dimensions		
Number of tires, rear		4
Diesel engine		
Manufacturer		KUBOTA
Model		V2403-CR-E5B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		36,8/50,0/2700
Power SAE J1995, kW/HP/rpm		37,4/50,1/2700
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		DOC-DPF

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, level I/II	Hz vpm	60/51 3,600/3,060
Amplitude, front, level I/II	mm in	0,51/0,31 .020/.012
Centrifugal force, front, level I/II	kN lbs	64/39 14,400/8,775

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

Water-sprinkling system		
Water sprinkling, type		Pressure

Tank capacity/filling capacity		
Fuel tank, capacity	L Gal	73 19.3
Water tank, capacity	L Gal	285 75.3
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