

Technical data

HD 12 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H230

HIGHLIGHTS

- > Compact dimensions
- > Compaction with oscillation
- > Excellent view of drum edge, machine and construction site environment
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral control

TECHNICAL DATA HD 12 VO (H230)

Weights

Operating weight with ROPS	kg lbs	2755 6,075
Max. operating weight	kg lbs	3470 7,651
Static linear load, front/rear	kg/cm lbs/in	11,1/11,8 62.2/66.1
French classification, value/class		11,1/PV3

Machine dimensions

Total length	mm in	2530 99.6
Total height with ROPS	mm in	2475 97.4
Height loading, min.	mm in	1752 69.0
Center distance	mm in	1700 66.9
Total width	mm in	1310 51.6
Maximum working width	mm in	1250 49.2
Ground clearance, center	mm in	280 11.0
Curb clearance, left/right	mm in	570/570 22.4/22.4
Turning radius, inside	mm in	2370 93.3

Drum dimensions

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

Diesel engine

Manufacturer		Kubota
Model		D1703-M-DI-E4B
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		18,2/24,8/2200
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h mph	10,2 6.3
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, I/II	Hz	65/51
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Vibration

	vpm	3,900/3,060
Amplitude, front, I/II	mm in	0,45/0,45 .018/.018
Centrifugal force, front, I/II	kN lbs	38/23 8,550/5,175

Oscillation

Oscillation force, rear, I/II	kN lbs	39/23 8,775/5,175
Oscillation frequency, rear, I/II	Hz vpm	38/29 2,280/1,740
Tangential amplitude, rear, I/II	mm in	1,14/1,14 .045/.045

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	42 11.1
Water tank, capacity	L Gal	180 47.6

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	104

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 entry from both sides | Drive lever, left and right | Mechanical battery isolation switch | Vibration-isolated driver's platform | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Central water outlet

OPTIONAL EQUIPMENT

Plastic scraper, folding | ROPS, foldable | Protective roof, plastic tarpaulin | Edge pressing and cutting equipment | Back-up alarm | Working spotlights | Battery isolation switch with cable control actuation | V-belt protection