

Technical data

HD 12B G VV



Tandem rollers Series HD CompactLine

Tandem roller with two vibration drums

H308

HIGHLIGHTS

- > Compact dimensions
- > Excellent view of drum edge, machine and construction site environment
- > Simple, intuitive and language-neutral control
- > 3-point articulation for even weight distribution and excellent directional stability
- > Easy maintenance and servicing

TECHNICAL DATA HD 12B G VV (H308)

Weights

Operating weight with ROPS/FOPS	kg lbs	2860 6,306
Empty weight without ROPS/FOPS	kg lbs	2540 5,601
Max. operating weight	kg lbs	3050 6,725
Axle load, front/rear	kg lbs	1410/1450 3,109/3,197
Axle load at max. operating weight, front/rear	kg lbs	1430/ 1620 3,153/ 3,572
Static linear load, front/rear	kg/cm lbs/in	11,7/12,1 65.5/67.8
French classification, value/class		11,7/PV3

Machine dimensions

Total length	mm in	2519 99.2
Total height with ROPS	mm in	2594 102.1
Height loading, min.	mm in	1752 69.0
Center distance	mm in	1698 66.9
Total width	mm in	1326 52.2
Maximum working width	mm in	1250 49.2
Ground clearance, center	mm in	280 11.0
Curb clearance, left/right	mm in	580/580 22.8/22.8
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		YANMAR
Model		3TNV88-BWJHAMS
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		18,4/25,0/2000
Power SAE J1349, kW/HP/rpm		18,4/24,7/2000
Exhaust emissions category, India		CEV 5
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h mph	9,7 6.0
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, level I/II	Hz vpm	65/51 3,900/3,060
Vibration frequency, rear, level I/II	Hz vpm	65/51 3,900/3,060
Amplitude, front, level I/II	mm in	0,40/0,40 .016/.016
Amplitude, rear, level I/II	mm in	0,40/0,40 .016/.016
Centrifugal force, front, level I/II	kN lbs	38/23 8,550/5,175
Centrifugal force, rear, level I/II	kN lbs	38/23 8,550/5,175

Steering

Steering angle +/-	°	32
Pendulum 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)	102

EQUIPMENT

12 V power socket | Pressure water sprinkling system | Driver's platform with access from both sides | V-belt protection | Vibration-isolated driver's platform | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket

OPTIONAL EQUIPMENT

Equipment Management | Working spotlights | Rotating beacon | Road homologation | Tool kit