

Technical data

HD 12B G VV



Tandem rollers Series HD CompactLine

Tandem roller with two vibration drums

H308

HIGHLIGHTS

- > Compact dimensions
- > Excellent view of the drum edges, the machine and the construction site surroundings
- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Easy maintenance and servicing

TECHNICAL DATA HD 12B G VV (H308)

Weights

Operating weight with ROPS/FOPS	kg	2860
Empty weight without ROPS/FOPS	kg	2540
Max. operating weight	kg	3050
Axle load, front/rear	kg	1410/1450
Axle load at max. operating weight, front/rear	kg	1430/ 1620
Static linear load, front/rear	kg/cm	11,7/12,1
French classification, value/class		11,7/PV3

Machine dimensions

Total length	mm	2519
Total height with ROPS	mm	2594
Height loading, min.	mm	1752
Centre distance	mm	1698
Total width	mm	1326
Maximum working width	mm	1250
Ground clearance, centre	mm	280
Kerb clearance, left/right	mm	580/580
Turning radius, inside	mm	2370

Drum dimensions

Drum width, front/rear	mm	1200/1200
Drum diameter, front/rear	mm	720/720
Drum thickness, front/rear	mm	15/15
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	0/50

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	9,7
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, level I/II	Hz	65/51
Vibration frequency, rear, level I/II	Hz	65/51
Amplitude, front, level I/II	mm	0,40/0,40
Amplitude, rear, level I/II	mm	0,40/0,40
Centrifugal force, front, level I/II	kN	38/23
Centrifugal force, rear, level I/II	kN	38/23

Steering

Steering angle +/-	°	32
Pendulum angle +/-	°	8
Steering, type		Articulated steering

Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

Tank capacity/filling capacity

Fuel tank, capacity	L	42
Water tank, capacity	L	180

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