

Technical data

HD 18 VV



Tandem rollers Series HD CompactLine

Tandem roller with two vibration drums

H292

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > Clear Side — one-sided drum mounting
- > Simple transport, simple loading
- > Compact dimensions
- > Excellent view of drum edge, machine and construction site environment

TECHNICAL DATA HD 18 VV (H292)

Weights

Operating weight with ROPS	kg lbs	1590 3,506
Empty weight without cab, without ROPS	kg lbs	1420 3,131
Max. operating weight	kg lbs	1880 4,145
Axle load, front/rear	kg lbs	765/825 1,687/1,819
Static linear load, front/rear	kg/cm lbs/in	9,6/10,3 53.8/57.7
French classification, value/class		10,3/PV3

Machine dimensions

Total length	mm in	2295 90.4
Total height with ROPS	mm in	2210 87.0
Height loading, min.	mm in	1580 62.2
Center distance	mm in	1560 61.4
Total width	mm in	938 36.9
Maximum working width	mm in	872 34.3
Ground clearance, center	mm in	230 9.1
Turning radius, inside	mm in	2230 87.8

Drum dimensions

Drum width, front/rear	mm in	800/800 31.5/31.5
Drum diameter, front/rear	mm in	620/620 24.4/24.4
Drum thickness, front/rear	mm in	12/12 0.5/0.5
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split

Diesel engine

Manufacturer		KUBOTA
Model		D1105-E4B
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		16,1/21,9/2600
Power SAE J1349, kW/HP/rpm		16,1/21,6/2600
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, China		MEE 4
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h	0 - 11,0
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Travel drive

	mph	0.0 - 6.8
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, level I/II	Hz vpm	61/48 3,660/2,880
Vibration frequency, rear, level I/II	Hz vpm	61/48 3,660/2,880
Amplitude, front, level I/II	mm in	0,43/0,43 .017/.017
Amplitude, rear, level I/II	mm in	0,43/0,43 .017/.017
Centrifugal force, front, level I/II	kN lbs	17/11 3,825/2,475
Centrifugal force, rear, level I/II	kN lbs	17/11 3,825/2,475

Steering

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	33 8.7
Water tank, capacity	L Gal	70 18.5

Sound level

Sound power level L(WA), guaranteed	db(A)	105
Sound power level L(WA), representative measurement	db(A)	101

EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Clear Side | Pressure water sprinkling system | Driver's platform with access from both sides | V-belt protection | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Plastic scraper, folding | Driver's seat in black imitation leather | Technical documentation

OPTIONAL EQUIPMENT

Protective roof | Back-up alarm | Working spotlights | Rotating beacon | Tool kit