

Technical data

HD 18 VV



Tandem rollers Series HD CompactLine

Tandem roller with two vibration drums

H292

HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > Clear Side — one-sided drum suspension
- > Easy transport, simple loading
- > Compact dimensions
- > Good visibility of drum edge, machine and jobsite surroundings

TECHNICAL DATA HD 18 VV (H292)

Weights

Operating weight with ROPS	kg	1590
Empty weight without cab, without ROPS	kg	1420
Max. operating weight	kg	1880
Axle load, front/rear	kg	765/825
Static linear load, front/rear	kg/cm	9,6/10,3
French classification, value/class		10,3/PV3

Machine dimensions

Total length	mm	2295
Total height with ROPS	mm	2210
Height loading, min.	mm	1580
Centre distance	mm	1560
Total width	mm	938
Maximum working width	mm	872
Ground clearance, centre	mm	230
Turning radius, inside	mm	2230

Drum dimensions

Drum width, front/rear	mm	800/800
Drum diameter, front/rear	mm	620/620
Drum thickness, front/rear	mm	12/12
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
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, level I/II	Hz	61/48
Vibration frequency, rear, level I/II	Hz	61/48
Amplitude, front, level I/II	mm	0,43/0,43
Amplitude, rear, level I/II	mm	0,43/0,43
Centrifugal force, front, level I/II	kN	17/11
Centrifugal force, rear, level I/II	kN	17/11

Steering

Pendulum angle +/-	°	8
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Steering

Steering, type		Articulated steering
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Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	33
Water tank, capacity	L	70

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