

Technical data

# HD 18 VV



## Tandem rollers Series HD CompactLine

Tandem roller with two vibrating roller 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 emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		-

**Travel drive**

Speed, infinitely variable	km/h mph	0 - 11,0 0.0 - 6.8
Gradeability, with/without vibration	%	30/40

**Vibration**

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

**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	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 entry 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