

Technical data

# HD 35 VT



## Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and set of tires

H247

### HIGHLIGHTS

- > Excellent view of drum edge, machine and construction site environment
- > Ergonomic driver platform
- > Compact dimensions
- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading

## TECHNICAL DATA HD 35 VT (H247)

## Weights

Operating weight with ROPS	kg lbs	2595 5,722
Operating weight, max.	kg lbs	3320 7,321
Static linear load, front	kg/cm lbs/in	11,2 62.7
French classific., data/class		11,2/PV2

## Machine dimensions

Total length	mm in	2530 99.6
Total height with ROPS	mm in	2391 94.1
Height, loading, min.	mm in	1755 69.1
Wheelbase	mm in	1700 66.9
Total width	mm in	1310 51.6
Max. working width	mm in	1220 48.0
Curb clearance, left/right	mm in	570/570 22.4/22.4
Turning radius, inside	mm in	2370 93.3

## Drum dimensions

Drum width, front	mm in	1200 47.2
Drum diameter, front	mm in	720 28.3
Drum thickness, front	mm in	15 0.6
Drum type, front		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

## Wheel dimensions

Size of tires, rear		9,5/65-15
Width over tires, rear	mm in	1133 44.6
Number of tires, rear		4

## Diesel engine

Manufacturer		KUBOTA
Type		D1503-M-ET03
Number of cylinders		3
Power rat. ISO 14396, kW/PS/rpm		22,6/30,7/2700
Power rating SAE J1349, kW/HP/rpm		22,6/30,3/2700
Emission standard		MEE III
Exhaust gas after-treatment		-

## Drive

Speed, infinitely variable	km/h mph	0 - 12,0 0.0 - 7.5
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## Drive

Climbing ability, vibration on/off	%	30/40
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## Vibration

Vibration frequency, front, I/II	Hz vpm	67/52 4,020/3,120
Amplitude, front, I/II	mm in	0,52/0,52 .020/.020
Centrifugal force, front, I/II	kN lbs	52/32 11,700/7,200

## Steering

Oscillation angle +/-	°	8
Steering, type		Articulated steering

## Sprinkler system

Water sprinkler, type		Pressure
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## Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	42 11.1
Water tank, capacity	L Gal	180 47.6
Additive tank, capacity	L Gal	18 4.8

## Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power LW(A), measured	db(A)	-

## EQUIPMENT

12 V outlet | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Handrails | Battery isolation switch | Pressure water sprinkling with interval switch | Operator's platform with entry from both sides | Hydrostatic steering | Vibration-isolated operator's platform | Track offset | Vibration front and rear, switchable single and doubled | Central lifting bracket | Plastic scraper, foldable | ROPS, foldable

## OPTIONAL EQUIPMENT

Protective roof | Edge pressing and cutting equipment | Track indicator | Water sprinkling system edge pressing and cutting equipment | Back-up alarm | WIFMS fleet management interface | Working light | Rotating beacon