

Technical data

# HD 35 VV



**Tandem rollers Series HD CompactLine**

Tandem roller with two vibrating roller drums

**H247**

**HIGHLIGHTS**

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

## TECHNICAL DATA HD 35 VV (H247)

## Weights

Operating weight with ROPS	kg lbs	2695 5,942
Operating weight, max.	kg lbs	3410 7,519
Static linear load, front/rear	kg/cm lbs/in	11,2/11,4 62.7/63.8
French classific., data/class		11,4/PV3

## Machine dimensions

Total length	mm in	2530 99.6
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	1250 49.2
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/rear	mm in	1200/1200 47.2/47.2
Drum diameter, front/rear	mm in	720/720 28.3/28.3
Drum thickness, front/rear	mm in	15/15 0.6/0.6
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

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

## Vibration

Vibration frequency, front, I/II	Hz vpm	67/52 4,020/3,120
----------------------------------	-----------	----------------------

## Vibration

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

## Steering

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

## Sprinkler system

Water sprinkler, type		Pressure
-----------------------	--	----------

## Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	42 11.1
Water tank, capacity	L Gal	180 47.6

## 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