

Technical data

HD 35 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H286

HIGHLIGHTS

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

TECHNICAL DATA HD 35 VO (H286)

Weights

Operating weight with ROPS	kg lbs	2815 6,207
Max. operating weight	kg lbs	3630 8,004
Static linear load, front/rear	kg/cm lbs/in	11,3/12,1 63.3/67.8
French classification, value/class		12,1/PV3

Machine dimensions

Total length	mm in	2530 99.6
Height loading, min.	mm in	1755 69.1
Center distance	mm in	1700 66.9
Total width	mm in	1310 51.6
Maximum 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
Model		D1803-M-DI-CT02
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		24.0/32,6/2600
Power SAE J1995, kW/HP/rpm		24,0/32,2/2600
Exhaust emission standard		MEE IV
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h mph	0-12,0 0.0-7.5
Gradeability, with/without vibration	%	35/40

Vibration

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

Amplitude, front, level I/II	mm in	0,52/0,52 .020/.020
Centrifugal force, front, level I/II	kN lbs	52/32 11,700/7,200

Oscillation

Oscillation force, rear, level I/II	kN lbs	40/23 9,000/5,175
Oscillation frequency, rear, level I/II	Hz vpm	39/30 2,340/1,800
Tangential amplitude, rear, level I/II	mm in	1,14/1,14 .045/.045

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	42 11.1
Water tank, capacity	L Gal	180 47.6

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Left/right handrails | Battery isolation switch | Pressure water sprinkling system | Driver's platform with access from both sides | Hydrostatic steering | Vibration-isolated driver's platform | Track offset | Central lifting bracket | Plastic scraper, folding | ROPS, folding

OPTIONAL EQUIPMENT

Protective roof | Edge pressing and cutting equipment | Track indicator | Water sprinkling system edge pressing and cutting equipment | Back-up alarm | Working spotlights | Rotating beacon | Telematics system