

CC1300 VI Double drum vibratory rollers



TECHNICAL DATA

MASSES

Max. operating mass 4800 kg

Operating mass (incl. ROPS) 3900 kg

Module mass (front/rear) 1855 kg/2045 kg

COMPACTION (SINGLE AMPLITUDE)

Centrifugal force 38/31 kN
Nominal amplitude 0.5 mm
Static linear load (front/rear) 14.3/15.7 kg/cm
Vibration frequency 54/49 Hz
Water tank 298 l

COMPACTION (DUAL AMPLITUDE)

Centrifugal force (high/low amplitude) 38/21 kN
Nominal amplitude (high/low) 0.5/0.2 mm
Vibration frequency 54/61 Hz

TRACTION

Speed range 0-9 km/h Vertical oscillation $\pm 10^\circ$ Max. theoretical gradeability 42 %

HYDRAULIC SYSTEM

Driving

Axial piston pump with variable displacement.
Radial piston motors (2) with constant displacement.

Vibration

Gear pump/motors with constant displacement.

Steering

Gear pump with constant displacement.

Service brake

Hydrostatic in forward and revers lever.

Parking/
Emergency brake

Failsafe multidisc brake in both drums

ENGINE

Manufacturer/Model Kubota V2203-M (IIIA)

Type Water cooled diesel engine

Rated power, SAE J1995 35 kW (48 hp) @ 2700 rpm

Fuel tank capacity 60 I

ENGINE

Manufacturer/Model Kubota V2403-CR E4B (T4)

Type Water cooled diesel engine

Rated power, SAE J1995 37 kW (50 hp) @ 2700 rpm

ENGINE

Manufacturer/Model Kubota V2403-CR E5B (StageV)

Type Water cooled diesel engine

Rated power, SAE J1995 37 kW (50 hp) @ 2700 rpm

ENGINE

Manufacturer/Model Kubota V2403-M-DI (CSIV/ECE R96(IIIA))

Type Water cooled diesel engine

Rated power, SAE J1995 36.5 kW (48.9 hp) @ 2600 rpm

ENGINE

Manufacturer/Model Perkins 403J-E17T (T4/StageV)

Type Water cooled diesel engine

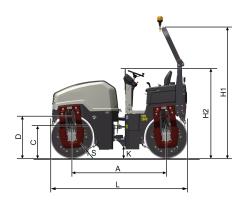
Rated power, SAE J1995 36 kW (48 hp) @ 2800 rpm

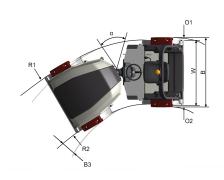
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DIMENSIONS

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A. Wheelbase	1970 mm
B. Width	1425 mm
B3. Width, offset	50 mm
C. Curb clearance	690 mm
D. Drum diameter	880 mm
H1. Height, with ROPS/cab	2855 mm
H2. Height, w/o ROPS/cab	2025 mm
K. Ground clearance	190 mm
L. Length	2850 mm
O1. Overhang, right	62.5 mm
O2. Overhang, left	62.5 mm
R1. Turning radius, outside	4330 mm
R2. Turning radius, inside	3030 mm
S. Drum shell thickness	16 mm
W. Drum width	1300 mm
α. Steering angle	±30°

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