

CC2300 Double drum vibratory rollers





TECHNICAL DATA

MASSES

Max. operating mass 9400 kg

Operating mass (incl. ROPS) 8500 kg

Operating mass (incl. Cab) 8700 kg

Module mass (front/rear) 4250 kg/4250 kg

COMPACTION

Split drums Yes

Centrifugal force (high/low amplitude) 72 kN/59 kN

Nominal amplitude (high/low) 0.5 mm/0.2 mm

Static linear load (front/rear) 28.3/28.3 kg/cm

Vibration frequency (high/low amplitude) 48 Hz/67 Hz

Water tank volume 750 I

COMPACTION (CE)

Centrifugal force (high/low amplitude) 72 kN/51 kN
Vibration frequency (high/low amplitude) 48 Hz/62 Hz

TRACTION

Speed range 0 - 12 km/hVertical oscillation $\pm 7^{\circ}$ Max. theoretical gradeability 39 %

ENGINE

Manufacturer/Model Deutz TCD 3.6 HT T4f
Type Water cooled turbo Diesel
Rated power, SAE J1995 55 kW (74 hp) @ 2200 rpm
Fuel tank capacity 130 l

ENGINE

Manufacturer/Model Cummins QSB 3.3 IIIA/T3

Type Water cooled turbo Diesel

Rated power, SAE J1995 74 kW (99 hp) @ 2200 rpm

ENGINE

Manufacturer/Model Deutz TCD 3.6 HT StageV

Type Water cooled turbo Diesel

Rated power, SAE J1995 55 kW (74 hp) @ 2200 rpm

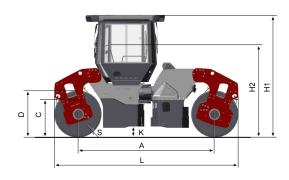
HYDRAULIC SYSTEM

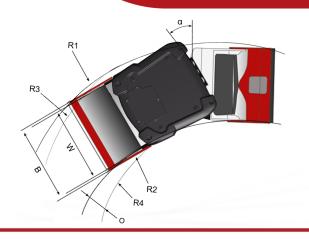
Axial piston pump with variable displacement Driving Axial piston motors (4) with variable displacement Axial piston pumps (2) with variable displacement Vibration Axial piston motors (2) with constant dispacement Steering Gear pump with constant displacem. Service brake Hydrostatic in forward and reverse lever. Parking/ Failsafe multidisc brake in both drums. Emergency brake

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DIMENSIONS

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A. Wheelbase	3340 mm
B. Width	1620 mm
C. Curb clearance	715 mm
D. Drum diameter	1150 mm
H1. Height, with ROPS/cab	2990 mm
K. Ground clearance	270 mm
L. Length	4490 mm
O. Off-set	335 mm
R1. Turning radius, outside	6570 mm
R2. Turning radius, inside	5070 mm
R3. Turning radius with off-set, outside	4890 mm
R4. Turning radius with off-set, inside	3390 mm
S. Drum shell thickness	17 mm
W. Drum width	1500 mm
α. Steering angle	±32°

OPTIONAL EQUIPMENT

Air Conditioning /Automatic Climate Control (ACC) (Optional)

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 1,35 kg
- CO₂-equivalent: 1,930 ton
- GWP: 1430