

Dynapac CO2200

Double drum vibratory/oscillation rollers



Technical data



Masses

Max. operating mass	20,100 lbs
Operating mass (incl. ROPS)	17,000 lbs
Operating mass (incl. Cab)	17,417 lbs
Module mass (front/rear)	8,400 lbs/8,600 lbs



Propulsion

Speed range	0-7,5 mph
Vertical oscillation	±7°
Max. theoretical gradeability	42 %



Compaction

Centrifugal force (high/low amplitude)	17,540 lb/15,060 lb
Nominal amplitude (high/low)	0.03 in/0,01 in
Static linear load (front/rear)	142 lbs/in/146 lbs/in
Vibration frequency (high/low amplitude)	2,880 vpm/4,020 vpm
Water tank	750 l



Compaction (Oscillation)

Oscillation force	23,156.47 lb
Oscillation frequency	2,400.00 vpm
Tangential amplitude	0.05 in



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	34 gal



Engine

Manufacturer/Model	Cummins QSB 3.3 IIIA/T3
Type	Water cooled turbo diesel
Rated power, SAE J1995	74kW (99hp) @ 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

Driving	Axial piston pump with variable displacement Axial piston front motor(1) and radial piston rear motor(1) with variable displacement.
Vibration	Axial piston pumps(2) with variable displacem. Axial piston motors(2) with const. displacem.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in both drums.

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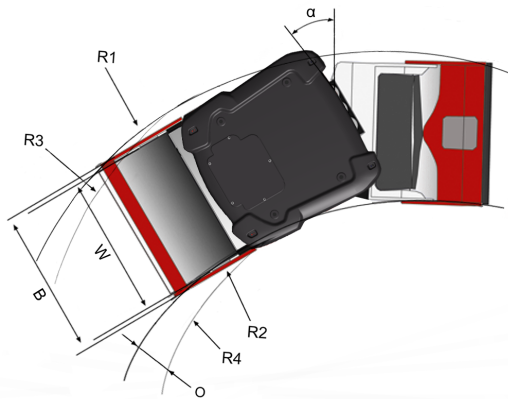
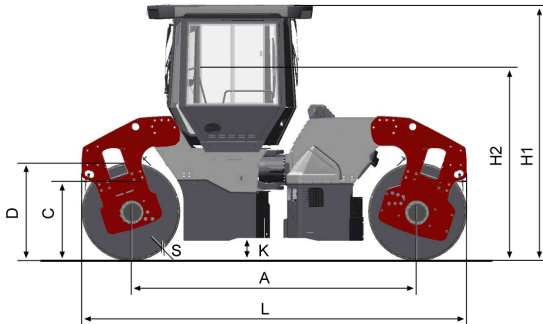
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Dimensions	
A. Wheelbase	131 in
B. Width	64 in
C. Curb clearance	28 in
D. Drum diameter	45 in
H1. Height, with ROPS/cab	118 in
K. Ground clearance	11 in
L. Length	177 in
O. Off-set	335 mm
R1. Turning radius, outside	259 in
R2. Turning radius, inside	200 in
R3. Turning radius with off-set, outside	4890 mm
R4. Turning radius with off-set, inside	3390 mm
S. Drum shell thickness	0.79 in/0.51 in
W. Working width	59 in
α. Steering angle	±32°



Standard equipment

- Automatic vibration control (AVC)
- Automatic water control (AWC)
- Back-up alarm
- Display: Engine temp, Fuel level, Frequency/impactometer, Hydr. temp, Speedometer, Tachometer, Voltage, VPM, Water level
- Filters for sprinkler system
- Hydraulic check points
- Lunch box holder
- Operator platform, shock mounted
- Pressurized sprinkler system
- ROPS canopy w/suspension seat & 3" seat belt
- Rotating beacon
- Sliding and swiveling operator's platform
- Spring loaded scrapers
- Sprinkler timer
- Sprinkler system additional (Two bars per drum)
- Steering wheel tilt able
- Vandal cover for instrument panel
- Vibration quick stop
- Vibration shut off front or rear drum
- Warning lights: Air cleaner, Brake, Clogged hyd. fluid filter, Engine oil pressure/temp, Hyd oil temp, Low charge, Low fuel
- Working lights, Rops mounted



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

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