

CA2500D Single drum vibratory rollers





TECHNICAL DATA

MASSES

| Operating mass (incl. ROPS) | 10100 kg |
|-------------------------------|--------------|
| Operating mass (incl. Cab) | 10300 kg |
| Module mass (front, std/rear) | 5600/4700 kg |
| Max. operating mass | 11900 kg |

DIMENSIONS

Drum width 2130 mm

COMPACTION

| Static linear load | 26 kg/cm |
|--|---------------|
| Nominal amplitude (high/low) | 1.8 mm/0.9 mm |
| Vibration frequency (high/low amplitude) SEISMIC available (values for manual mode) | 33 Hz /34 Hz |
| Centrifugal force (high/low amplitude) | 250 kN/130 kN |

TRACTION

| Speed range | 0 -12 km/h |
|-------------------------------|--------------|
| Tyre size (8 ply) | 23.1 x 26 AW |
| Max. theoretical gradeability | 51 % |
| Vertical oscillation | ±9° |

ENGINE

| Manufacturer/Model | Cummins QSF3.8 (IV/T4final) |
|------------------------|-----------------------------|
| Туре | Water cooled turbo Diesel |
| Rated power, SAE J1995 | 89 kW (120 hp) @ 2,200 rpm |
| Fuel tank capacity | 255 |
| DEF tank capacity | 20 |

ENGINE

| Manufacturer/Model | Cummins F3.8 (V) |
|------------------------|-----------------------------|
| Туре | Water cooled turbo Diesel |
| Rated power, SAE J1995 | 100 kW (135 hp) @ 2,200 rpm |

ENGINE

| Manufacturer/Model | Cummins QSB4.5 (IIIA/T3) |
|------------------------|----------------------------|
| Туре | Water cooled turbo Diesel |
| Rated power, SAE J1995 | 97 kW (130 hp) @ 2,200 rpm |

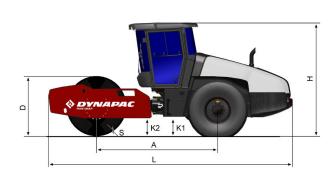
HYDRAULIC SYSTEM

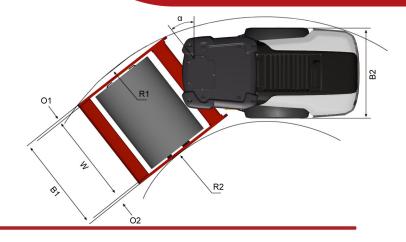
| Driving | Hydrostatic |
|--------------------------------|---|
| Vibration | Hydrostatic |
| Steering | Hydrostatic |
| Service brake | Hydrostatic in forward and reverse lever. |
| Parking/ Emergency brake | Failsafe multidisc brake in drum gear box and in rear axle. |

Find us locally at www.dynapac.com



CA2500DSingle drum vibratory rollers





DIMENSIONS

DIMENSIONS

| A. Wheelbase | 2990 mm |
|-----------------------------|---------|
| B1. Width, front | 2300 mm |
| B2. Width, rear | 2130 mm |
| D. Drum diameter | 1500 mm |
| H. Height, with ROPS/cab | 2870 mm |
| K1. Ground clearance | 450 mm |
| K2. Curb clearance | 450 mm |
| L. Length | 5990 mm |
| O1. Overhang, right | 105 mm |
| O2. Overhang, left | 105 mm |
| R1. Turning radius, outside | 5450 mm |
| R2. Turning radius, inside | 3300 mm |
| S. Drum shell thickness | 25 mm |
| W. Drum width | 2130 mm |
| α. Steering angle | ±38° |
| | |

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