

# Dynapac CA3500D

## Single drum vibratory rollers

*Atlas Copco*



### Technical data



#### Masses

|                             |                |
|-----------------------------|----------------|
| Operating mass (incl. ROPS) | 11,900 kg      |
| Operating mass (incl. Cab)  | 12,100 kg      |
| Module mass (front/rear)    | 7,600/4,500 kg |
| Max. operating mass         | 13,800 kg      |



#### Dimensions

|            |          |
|------------|----------|
| Drum width | 2,130 mm |
|------------|----------|



#### Traction

|                          |               |
|--------------------------|---------------|
| Speed range (Dual/TC/AS) | 4/6/7/12 km/h |
| Tyre size (8 ply)        | 23,1 x 26 AW  |
| Theor. gradeability      | 55 %          |
| Vertical oscillation     | ±9°           |



#### Compaction

|  |            |
|--|------------|
| Static linear load                       | 36 kg/cm   |
| Nominal amplitude (high/low)             | 1.9/0.9 mm |
| Vibration frequency (high/low amplitude) | 31/34 Hz   |
| Centrifugal force (high/low amplitude)   | 280/170 kN |



#### Engine

|                        |                             |
|------------------------|-----------------------------|
| Manufacturer/Model     | Cummins QSB 4.5 (IIIA/3)    |
| Type                   | Water cooled turbo Diesel   |
| Rated power, SAE J1995 | 97 kW (132 hp ) @ 2,200 rpm |
| Fuel tank capacity     | 272 l                       |



#### Engine

|                        |                              |
|------------------------|------------------------------|
| Manufacturer/Model     | Cummins QSB 4.5 (IIIB/4i)    |
| Type                   | Water cooled turbo Diesel    |
| Rated power, SAE J1995 | 119 kW (162 hp ) @ 2,200 rpm |



#### Hydraulic system

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

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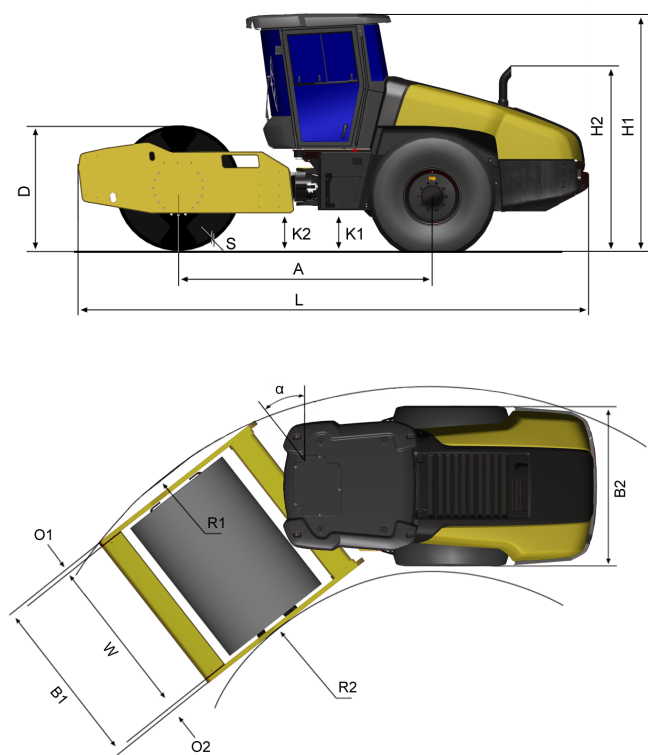
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| Dimensions                  |          |
|-----------------------------|----------|
| A. Wheelbase                | 2,990 mm |
| B1. Width, front            | 2,300 mm |
| B2. Width, rear             | 2,130 mm |
| D. Drum diameter            | 1,520 mm |
| H1. Height, with ROPS/cab   | 2,880 mm |
| H2. Height, w/o ROPS/cab    | 2,130 mm |
| K1. Ground clearance        | 450 mm   |
| K2. Curb clearance          | 450 mm   |
| L. Length                   | 5,990 mm |
| O1. Overhang, right         | 85 mm    |
| O2. Overhang, left          | 85 mm    |
| R1. Turning radius, outside | 5,600 mm |
| R2. Turning radius, inside  | 3,300 mm |
| S. Drum shell thickness     | 35 mm    |
| W. Drum width               | 2,130 mm |
| α. Steering angle           | ±38°     |

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