

# Dynapac CC1300

## Double drum vibratory rollers



### Technical data



#### Masses

|                             |                 |
|-----------------------------|-----------------|
| Max. operating mass         | 4030 kg         |
| Operating mass (incl. ROPS) | 3900 kg         |
| Module mass (front/rear)    | 1900 kg/2000 kg |



#### Compaction

|                                 |                              |
|---------------------------------|------------------------------|
| Centrifugal force               | 33 kN (V2203) /36 kN (D1803) |
| Nominal amplitude               | 0.5 mm                       |
| Static linear load (front/rear) | 14.6/15.4 kg/cm              |
| Vibration frequency             | 52 Hz (V2203) /53 Hz (D1803) |
| Water tank                      | 200 l                        |



#### Hydraulic system

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Driving                        | Axial piston pump with variable displacement.<br>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 reverse lever.                                                             |
| Parking/<br>Emergency<br>brake | Failsafe multidisc brake in both drums.                                                               |



#### Engine

|                        |                            |
|------------------------|----------------------------|
| Manufacturer/Model     | Kubota V2203-M (IIIA)      |
| Type                   | Water cooled diesel engine |
| Rated power, SAE J1995 | 33 kW (44 hp ) @ 2600 rpm  |
| Fuel tank capacity     | 50 l                       |



#### Engine

|                        |                            |
|------------------------|----------------------------|
| Manufacturer/Model     | Kubota D1803-CR-TE4B (T4f) |
| Type                   | Water cooled diesel engine |
| Rated power, SAE J1995 | 37 kW (49 hp ) @ 2700 rpm  |



#### Engine

|                        |                               |
|------------------------|-------------------------------|
| Manufacturer/Model     | Kubota D1803-CR-TE5B (StageV) |
| Type                   | Water cooled diesel engine    |
| Rated power, SAE J1995 | 37 kW (49 hp ) @ 2700 rpm     |



#### Traction

|                      |           |
|----------------------|-----------|
| Speed range          | 0-10 km/h |
| Vertical oscillation | ±10°      |
| Theor. gradeability  | 37 %      |

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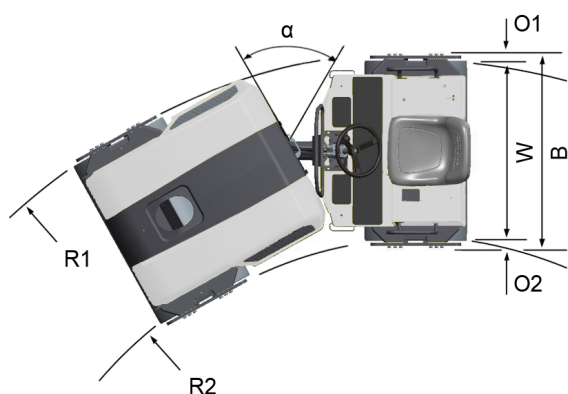
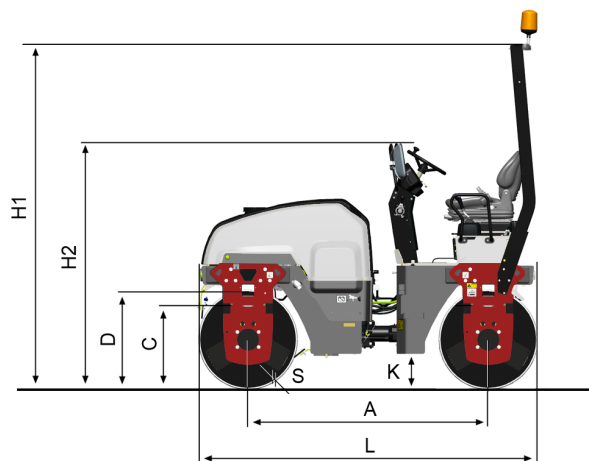
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### Technical data



| Dimensions                  |         |
|-----------------------------|---------|
| A. Wheelbase                | 1925 mm |
| B. Width                    | 1450 mm |
| C. Curb clearance           | 600 mm  |
| D. Drum diameter            | 802 mm  |
| H1. Height, with ROPS/cab   | 2750 mm |
| H2. Height, w/o ROPS/cab    | 1855 mm |
| K. Ground clearance         | 260 mm  |
| L. Length                   | 2725 mm |
| O1. Overhang, right         | 50 mm   |
| O2. Overhang, left          | 50 mm   |
| R1. Turning radius, outside | 4240 mm |
| R2. Turning radius, inside  | 2940 mm |
| S. Drum shell thickness     | 16 mm   |
| W. Drum width               | 1300 mm |
| α. Steering angle           | ±30°    |



#### Standard equipment

Backup alarm, Working lights



#### Optional equipment

3" seatbelt, Biodegradable hydraulic fluid, Cert. Fire protection (SBF 127), Decal risk location (GOST), Fire extinguisher, Foot rest, Hearing protectors, Licence plate light, Rear view mirror (traffic view), Service kit 50/500/1000H, Side direction lights (driving lights required), Slow moving vehicle sign, Special color (one or two), Tool set, Towing eyelet, Water tank cover (lockable)

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