

CA1300DSingle drum vibratory rollers





TECHNICAL DATA

MASSES

Operating mass (incl. ROPS)	4,800 kg
Operating mass (incl. Cab)	4,950 kg
Module mass (front/rear)	2,050 kg/2,750 kg
Max. operating mass	5,450 kg

COMPACTION

Static linear load	13 kg/cm
Nominal amplitude	1.7 mm
Vibration frequency	35 Hz
Centrifugal force	89 kN
Frequency	ECO: 30 Hz

TRACTION

Speed range (Dual/TC/AS)	0 -6 km/h
Tyre size (12 ply)	12.5-20
Max. theoretical gradeability	55 %
Vertical oscillation	±9°

ENGINE

Manufacturer/Model	Tier4)
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2,200 rpm
Fuel tank capacity	117

ENGINE

Manufacturer/Model	Kubota V 3307 CR-TE5 (Stage V)
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2,200 rpm
Fuel tank capacity	117

ENGINE

Manufacturer/Model	Yanmar 4TNV98CT-PDCE (Stage V / Tier 4f)
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	54 kW (72 hp) @ 2,250 rpm
Fuel tank capacity	117

HYDRAULIC SYSTEM

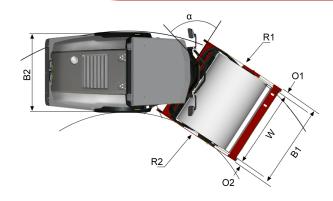
Driving	Axial piston pump with variable displacement. Axial piston motor with constant displacement. Radial piston motor with constant displacement.
Vibration	Gear pump/motor with constant displacement.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in rear axle and front drum motor.

Find us locally at www.dynapac.au



CA1300D Single drum vibratory rollers





DIMENSIONS

DIMENSIONS

A. Wheelbase	1,860 mm
B1. Width, front	1,495 mm
B2. Width, rear	1,400 mm
D. Drum diameter	1,000 mm
H1. Height, with ROPS/cab	2,540 mm
H2. Height, max.	2,540 mm
K1. Ground clearance	260 mm
K2. Curb clearance	260 mm
L. Length	3,960 mm
L1. Length	4,010 mm
O1. Overhang, right	62 mm
O2. Overhang, left	62 mm
R1. Turning radius, outside	3,900 mm
R2. Turning radius, inside	2,460 mm
S. Drum shell thickness	22 mm
W. Drum width	1,370 mm
α. Steering angle	±33°

STANDARD EQUIPMENT

- Back up alarmBattery switch (std)Brake release
- Cup and can holder
- Differential lock (limited slip)
- Drive control (right side)
- Drum drive
- ECO mode, Emergency stop
- Engine 75 hp (Tier4final)
 Engine hood (lockable)

- Fuel level display
 High mounted exhaust pipe
 Horn, Hour meter display
- Hydraulic checkpoints
- Hydraulic fluid filter ("spin-on")
- Hydraulic fluid (mineral), Interlock
- Key (starter), Lifting points ■ Lifting pointsfor jack
- Manuals (Operation &
- Maintenance)
- Manuals (Spare parts catalogue)
 Operator's platform (rubber
- mouted)
- Operator's station (fixed), Parking brake ■ ROPS(fixed) or Cab with AC/
- heater/fan
- Seat (adjustable), Seat belt 3"
- Storage box (on platform)
 Storage for laminated manuals
- Tie down points
- Vandal cover (instrument panel)
- Warning lights (brake
- engine oil pressure
- engine oil temperature, Engine diagnostics
- low charge, low fuel level)

OPTIONAL EQUIPMENT

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

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 0,62 kg
- CO₂-equivalent: 0,887 ton
- GWP: 1430