

Tandem Asphalt / Combination Rollers

CC1100, CC1200, CC1300, CC1100C, CC1200C, CC1300C

DYNAPAC

Part of the Atlas Copco Group



Street-smart: Compact tandem roller

Dynapac's articulated compact tandem rollers – the CC1100, CC1200 and CC1300 – are perfect for compaction on city streets, where efficient size and reduced noise matter. With operating weights ranging from 5,300 lbs. (2400 kg) to 8,600 lbs. (3900 kg), the highly maneuverable, easy-to-control Dynapac compact tandem rollers are available in two versions: double steel vibratory drums or a combined vibration drum and four static rubber tires. All models feature an improved design and a new 35-hp or 45-hp engine, which is quieter than ever. Dynapac has created this line with both operator ergonomics and quality roads in mind.

► Superior surface quality

All double drum models feature vibration and drive on both drums. The large drum diameter makes them especially effective on soft asphalt. The ratio of drum diameter to static linear load reduces the risk of cracks and makes them ideal for urban areas, streets and roads. Smooth, precision finish surfaces are assured. The CC1300 model is also suitable for compacting subbases and bases and has the capacity to follow a small paver.

► Operator ergonomics means greater productivity

Operator safety and comfort is paramount to Dynapac's productivity-enhancing design. Optional sideways sliding seat and operator-friendly dual machine controls improve visibility for better finishing and compaction results. This is true even close to high curbs because of ample clearance at the edge of the drums.

The common-sense design of the control panel, as well as lower noise and vibration levels reduce operator fatigue. A low center of gravity keeps the machines stable, and sturdy handgrips and non-slip boarding steps assist with getting safely on and off the machine. An innovative interlock system prevents accidental engine starting. Automatic brake lock occurs if the engine stalls or if there is a problem in the hydraulic or electric brake circuits.

► Maintenance: Simple as 1, 2, 3

Technicians like the engine compartment's intuitive layout and easy access. Three separate filters in the water system mean no clogged sprinkler nozzles. The entire system can be drained easily without special tools. Filters for hydraulic fluid, engine oil and fuel are easily accessible. Plus, Dynapac compact rollers are built with quality, easy-to-obtain components, so parts availability for the future is assured, as well as high machine resale value.

► Sustainable productivity means lower operating costs

Dynapac's goal of sustainability means lower operating costs and long-lasting, quality equipment that creates high-quality results. From the articulated compact tandem rollers' water-cooled Kubota diesel engines with low noise levels to an electric system with ECU (Electronic Control Unit) controls that continuously monitor vital electric functions, sustainability is part of Dynapac's DNA. As a result, reliability is built into all Dynapac machines. Thus, long service intervals mean fewer oil changes and less money spent on routine maintenance. Corrosion-free water tanks are made of impact-resistant and recyclable polyethylene plastic. As a further green option, Dynapac compact rollers can be readily configured to run with bio-degradable hydraulic oil.



► The human touch

Low noise level and low vibration cuts operator fatigue

for best results in tight spaces

All models available
as combi version



Combi versions reduce
the risk of marring
newly-laid asphalt when
making sharp turns

The rubber tires are
operated in pairs by
separate drive motors

Silent water
cooled engine

Corrosion-free, impact-resistant
water tank made from recyclable
materials features large opening
for quick, easy filling

Safety interlock prevents
accidents - operator must
be seated before the engine
will start

Sturdy,
ergonomic-grip
handle

Automatic brake lock if the
engine stops or if there is a
problem in the hydraulic or
electric brake circuits

Non-clogging sprinkler
nozzles - 3 filters in the
watering system insure
clean water

Less downtime due to easy
access to fluids and filters

Easy-drain sprinkler
watersystem - no special
tools required



Technical data

	CC1100	CC1200	CC1300	CC1100C	CC1200C	CC1300C
Max operating wt	5,420 lbs /2 460 kg	5,975 lbs /2 710 kg	8,885 lbs /4 030 kg	5,380 lbs /2 440 kg	5,665 lbs /2 570 kg	8,800 lbs /3 900 kg
Max operating wt (w ROPS)	5,180 lbs /2 350 kg	5,730 lbs /2 600 kg	8,800 lbs /3 900 kg	5,070 lbs /2 300 kg	5,350 lbs /2 430 kg	8,270 lbs /3 750 kg
Drum width	42 in /1 070 mm	47 in /1 200 mm	51 in /1 300 mm	42 in /1 070 mm	47 in /1 200 mm	51 in /1 300 mm
Centrifugal force	5,170 lbF /23 kN	6,070 lbF /27 kN	7,420 lbF /33 kN	5,170 lbF /23 kN	6,070 lbF /27 kN	7,420 lbF /33 kN
Vibration frequency	57 Hz	58 Hz	52 Hz	57 Hz	58 Hz	52 Hz
Water-cooled diesel engine	KubotaD1703-M	KubotaD1703-M	KubotaD2203-M	KubotaD1703-M	KubotaD1703-M	KubotaD2203-M
Rated power	35 hp /26 kW	35 hp /26 kW	45 hp /34 kW	35 hp /26 kW	35 hp /26 kW	45 hp /34 kW

Equip to meet your needs

Available with several options, the machines can be configured to meet the specifications of the job, and offer the flexibility you need for a variety of applications.

Standard:

- Automatic Water Control (AWC)
- Automatic Vibration Control (AVC)
- Brake release (Combi-versions only)
- Emergency stop
- Filters for sprinkler system
- Fuel gauge
- Horn
- Hourmeter
- Hydraulic pressure checkpoints
- Ignition key
- Interlock system
- Lifting points
- Lockable instrument panel
- Pressurized sprinkler system
- Main battery switch
- ROPS (incl. seat belt) *
- Rubber mounted operation platform
- Seat safety switch
- Seat, adjustable
- Vibration on/off in F/R lever
- Warning light, brakes
- Warning light, charging
- Warning light, engine oil pressure
- Warning light, engine temperature
- Warning light, low fuel level

(* Valid as STD in ECC-countries only.)

Optional:

- Armrests, dual
- Backup alarm
- Brake release tool for towing
- Canopy
- Canopy roof for ROPS
- Direction lights
- Driving lights, front/rear
- F/R dual levers
- Flow divider, front/rear drum
- Foldable ROPS
- Lockable water tank cover
- Noise reduction kit
- Rear view mirrors
- Registration plate holder with light
- Rotating beacon
- Scrapers, spring loaded
- Seat, comfort type with cushion element
- Seat, slideable
- Slow Moving vehicle sign (SMV)
- Special colour
- Sprinkler timer
- Tool set
- Towing eyelet
- Vibration, single drum
- Working lights

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