

Tandem Asphalt / Combination Rollers

CC1100, CC1200, CC1300, CC1100C, CC1200C, CC1300C

DYNAPAC

Part of the Atlas Copco Group



Street-smart: new compact tandem rollers

Dynapac's new range of articulated compact tandem rollers – the CC1100, 1200 and 1300 – are designed for compaction on city streets, where size and noise matter most. The new range has an operating weight range of 2400 kg to 3900 kg and is available in two versions: one with double steel vibratory drums and the other with one vibration drum and four static rubber tires. All models feature an improved design and a new engine, which is quieter than ever. Dynapac has created this line with both the operator and quality roads in mind.

► On the surface

All three 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.

Although the range is perfect for urban areas, streets and roads, the CC1300 is also suitable for compacting subbases and bases and has the capacity to follow a small paver.

► In the driver's seat

Optional sideways sliding seat and operator-friendly dual controls give improved visibility for better control and compaction results. This is true even close to high curbs because of the ample clearance at the edge of the drums.

The range features a new control panel, lower noise and vibration levels to reduce operator fatigue. A very low center of gravity keeps the machines stable, and sturdy handgrips and boarding steps make it safer to get on and off the machine.

An interlock system prevents accidental engine starting. Automatic brake lock is applied if the engine stops or if there is a problem in the hydraulic or electric brake circuits.

► Ease of maintenance

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.

As always, Dynapac does not develop new machines on individual model basis. This complete new family of rollers are built up from a lot of common parts. This does not only secure great parts availability for the future, but also indicate that these models will be offered several years to come – thus further underline the high second-hand value of Dynapac equipment.

► Sustainable Productivity

Dynapac develops and manufactures products with the goal of sustainability: lower operating costs and long-lasting, quality equipment that creates high-quality results for the companies who use Dynapac. This range of articulated small tandem asphalt rollers is no exception.

The new range is powered by a water-cooled Kubota diesel engine. The CC1100 and CC1200 provide 26 kW of power. CC1300 proves 36 kW of power. Important especially during night work is the very low noise level, which is good for the operator and the city around him.

They feature a new electric system with an Electronic Control Unit. The ECU controls all vital electric functions on the machine and makes the electric system even more reliable.

Long service intervals mean fewer oil changes and less money spent on routine maintenance. The corrosion-free water tanks are made of impact-resistant and recyclable polyethylene plastic. As an option, the machines can be equipped with bio-degradable hydraulic oil.

► The human touch

Low noise level and low vibration cuts operator fatigue



ller range

All models available
as combi version



The combi versions of the
rollers 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 is made of recyclable
material. Large opening for filling.

Safety interlock to prevent
accidents – Operator must
be in the seat to before the
engine will start.

New ergonomic
F&R-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.

Hydraulic fluid, engine oil and
fuel system filters are easy to
reach and easy to change.
And long service intervals
means less downtime.

Easy-drain sprinkler
watersystem – no special
tools required.



Technical data

Masses	CC1100	CC1200	CC1300	CC1100C	CC1200C	CC1300C
Max. operating mass, kg	2 460	2 710	4 030	2 440	2 570	3 900
Operating mass (incl. ROPS) kg	2 350	2 600	3 900	2 300	2 430	3 750
Module mass (front/rear kg)	1 130/1 220	1 260/1 340	1 900/2 000	1 130/1 170	1 260/1 170	1 930/1 820
Dimensions						
Drum width , mm	1070	1200	1300	1070	1200	1300
Compaction						
Static linear load , front kg/cm	10.6	10.5	14.5	10.60	10.5	14.8
Static linear load, rear kg/cm	11.4	11.2	15.4	-	-	-
Centrifugal force, kN	23	27	33	23	27	33
Nominal amplitude, mm	0.5	0.5	0.5	0.5	0.5	0.5
Vibration frequency, Hz	57	58	52	57	58	52
Engine						
Manufacturer/Model	Kubota D1703-M	Kubota D1703-M	Kubota V2203-M	Kubota D1703-M	Kubota D1703-M	Kubota V2203-M
Type	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled
Rated power, hp	35	35	45	35	35	45
Rated power, SAE J1995 @ 2,800 rpm , kW	26	26	34	26	26	34

What you need and more

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:

- Air cleaner indicator
- 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
- Sprinkler timer (CC1300)
- 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:

- 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, sideways slideable
- Slow Moving vehicle sign (SMV)
- Special colour
- Sprinkler timer (CC1100/1200)
- Tool set
- Towing eyelet (front)
- Vibration, single drum
- Working lights

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Dynapac Compaction Equipment AB, Box 504, SE-371 23 Karlskrona, Sweden. Tel: +46 455 30 60 00, Fax: +46 455 30 60 30

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