

Tandem Asphalt Rollers

CC800, CC900, CC1000, CC1100, CC1200, CC1300
CC1100C, CC1200C, CC1300C

DYNAPAC

Part of the Atlas Copco Group



Building on experience

Dynapac is the world's most specialized and experienced manufacturer of compaction and paving equipment. Our expertise has resulted in numerous successful innovations. To put it simply, we know this business and we've got the power to transform groundbreaking ideas into cost-efficient solutions and reliable machines.

That is why Dynapac is a winner when you compare overall profitability and life-cycle cost. In our lean and target-oriented organization there are very short and straight paths between development, manufacturing and our world-wide

service network. Your benefit is quality throughout - in products, maintenance, service and overall performance.

In this brochure we describe the basic characteristics of our small tandem vibratory rollers - a series of highly efficient rollers that can make your project more profitable and strengthen your reputation as a trustworthy working partner.

Welcome to the world of Dynapac.



► **Expertise in every aspect**

Experience is the base of excellence. Dynapac will always help you to reach perfection.



► **Real-life performance**

No matter the application. Dynapac will always offer an optimized solution.



Dynapac's range of small tandem asphalt rollers – the CC800, CC900 and CC1000 – are used primarily for small-scale compaction work such as pavements, cycle paths, small roads and small parking areas – places that need compaction but are difficult to reach with a larger roller.

These small tandem rollers come with an operating mass of approximately 1.6 tonnes and drum widths of 800, 900 and 1000 mm.

Get the job done. On time - and on budget

► Low noise - high power

The powerful, yet quiet, water-cooled 3-cylinder Perkins diesel engine produces 17.3 kW (23,5 hp). With the large drum diameter and the drive motors connected in series, there is excellent accessibility and hill-climbing capability. Propulsion and vibration are standard on both drums.

As an option, vibration can be switched off on either the front or the rear drum.

► Keeps going and going

All of these rollers are equipped with an innovative sprinkler tube and nozzles that are self-draining to minimize the risk of ice plugs in cold weather.

The 110-litre water tank allows long periods of work between refills. To further extend the work periods, an optional sprinkler timer is available. The powerful water pump is the same model as used on our larger asphalt machines.

► Operator friendly

A spacious, vibration-damped operator platform and an ergonomically positioned step make these machines extremely operator-friendly. A modern, easily legible instrument panel with a warning panel and a fuel gauge is standard.

► Easy transportation

To easily transport the roller between workplaces, the machines are fitted with a robust central lifting eye that allows fast and easy loading. An optional folding ROPS keeps the transport height to a minimum.

► Minimum service required

Extended service intervals minimize maintenance costs. The machines now have a maintenance-free steering hitch and steering cylinder. The few remaining service points are easily accessible.

	Operating mass	Drum width	Freq. (Hz)/Amplitude (mm)
CC800	1,575 kg	800 mm	70/0.4
CC900	1,600 kg	900 mm	70/0.4
CC900S*	1,640 kg	900 mm	56/70/0.30/0.35
CC1000	1,685 kg	1,000 mm	70/0.35

* single arm

CC800 CC900 CC1000



Attention to detail - the base of perfection



Available with foldable ROPS.

Spacious operator platform

Powerful and silent 3 cylinder water cooled diesel engine.

Central lifting point

Serial connected drive motors contribute to excellent hill-climbing capacity.

Maintenance free steering hitch and steering cylinder.

Fail-safe brakes

Ergonomic boarding steps

► Standard equipment

- Automatic Vibration Control (AVC)
- Automatic Water Control (AWC)
- Fuel gauge
- Towing eyelet, front and rear
- Central lifting eye
- Rubber mounted operation platform
- Hydraulic pressure checkpoints
- Emergency stop
- ROPS (incl. seat belt) *
- Horn
- Ignition key
- Interlock brake
- Hour meter
- Pressurizes sprinkler system
- Warning light, brakes
- Warning light, charging
- Warning light, engine oil pressure
- Warning light, engine temperature
- Warning light, low fuel level
- Vibrations on both drums

► Optional equipment

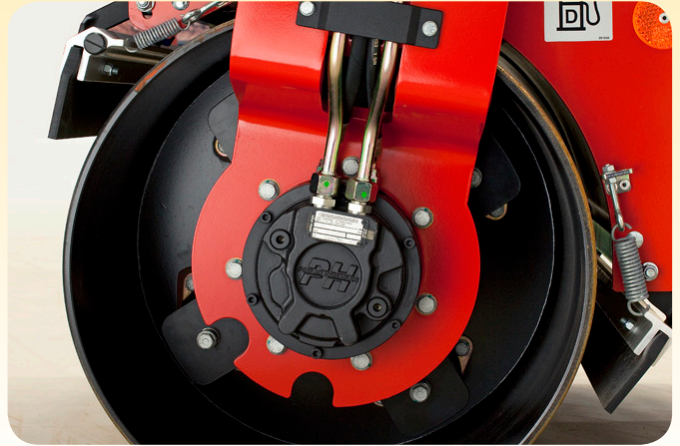
- Backup alarm *
- Ballast weight to CC800
- Biologically degradable hydraulic oil
- Cup/Can holder
- Driving lights
- Dual F/R controls
- Foldable ROPS
- License plate light/holder
- Lockable water tank cap
- Main battery switch *
- Rear view mirror
- Rotating beacon for ROPS
- Side direction lights
- Slow Moving Vehicle sign (SMV)
- Special colour
- Spring loaded scrapers
- Sprinkler timer
- Tool set
- Working lights
- Vibration shut off, front and rear drum

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

CC800 CC900 CC1000



Easily readable instrument panel with fuel gauge. Very low vibration levels in the operator's platform.



Big drum diameter makes compaction easier even on soft tricky asphalt mixes. Thick drum shells for long life.



All machines are equipped with a new type of sprinkler tube and nozzles that are self-draining to minimize the risk of ice plugs in cold weather.



Articulated steering with a maintenance-free hitch and steering cylinder reduces maintenance.

Kit type	CC800	CC900	CC900S	CC1000
50h service kit	4700 9402 08	4700 9402 08	4700 9402 08	4700 9402 08
500h service kit	4700 9402 09	4700 9402 09	4700 9402 09	4700 9402 09
1000h service kit	4700 9402 10	4700 9402 10	4700 9402 10	4700 9402 10
Scraper kit	4700 9406 71	4700 9406 71	4700 9406 71	4700 9406 71
Shock absorber kit	4700 9455 52	4700 9455 52	4700 9455 50	4700 9455 52



Street-smart compact

Dynapac's series of articulated compact tandem rollers – the CC1100, CC1200 and CC1300 – are designed for compaction on city streets where size and noise matter most. The series has an operating weight 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 design improvements and a new engine, which is quieter than ever.

► On the surface

All three double drum models feature vibration and drive on both drums. A large drum diameter makes them especially effective on soft asphalt. The ratio of drum diameter to static linear load reduces the risk of cracks.

All models in the series are 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

An optional sideways sliding seat and operator-friendly dual controls improve visibility for better control and better compaction. The ample clearance at the edge of the drums makes this true even close to high curbs.

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

An interlock system prevents the engine from accidentally starting. An automatic break 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 sprinkler 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.

Modularity is one of the corner-stones when it comes to building Dynapac rollers. This new family of rollers is built from a lot of existing parts. That means parts will be available in the future and that these models will be offered for several years to come – thus underscoring the high second-hand value of Dynapac equipment.

► Sustainable Productivity

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

They are powered by a water-cooled Kubota diesel engine. The CC1100 and CC1200 provide 26 kW of power. The CC1300 provides 34 kW of power. The low noise level benefits the operator and the city around him, especially during night work.

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.

	Operating mass	Drum width	Freq. (Hz)/Amplitude (mm)
CC1100	2,350 kg	1070 mm	57/0.5
CC1200	2,600 kg	1200 mm	58/0.5
CC1300	3,900 kg	1300 mm	52/0.5
CC1100C	2,300 kg	1070 mm	57/0.5
CC1200C	2,430 kg	1200 mm	58/0.5
CC1300C	3,750 kg	1300 mm	52/0.5

tandem rollers

CC1100 CC1200 CC1300

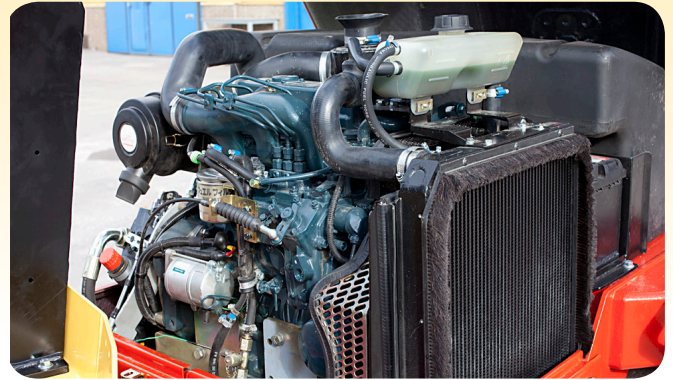


► **Expertise in every aspect**
Experience is the base of excellence.
Dynapac will always help you to reach
perfection.

Attention to detail - the base of perfection



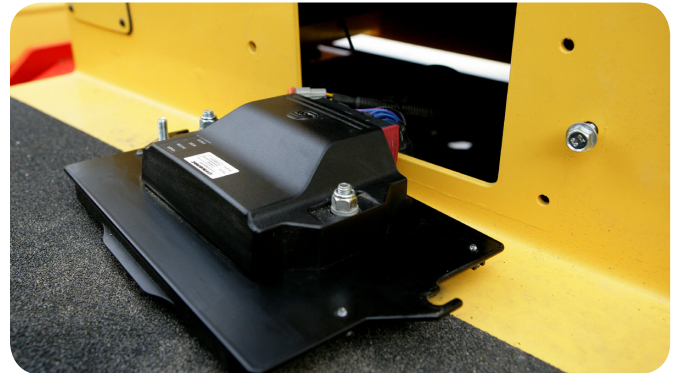
► Hydraulic fluid, engine oil and fuel system filters are easy to reach and easy to change. And long service intervals means less downtime.



► Silent water cooled Kubota diesel engine



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



► 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.

Make your Dynapac truly yours

► Standard equipment

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

► Optional equipment

Backup alarm	Scrapers, spring loaded
Brake release tool for towing	Seat, comfort type with cushion element
Canopy	Seat, slideable
Canopy roof for ROPS	Slow Moving vehicle sign (SMV)
Direction lights	Special colour
Driving lights, front/rear	Sprinkler timer (std. on CC1300)
F/R dual levers	Tool set
Flow divider, front/rear drum	Towing eyelet, front
Foldable ROPS	Vibration, single drum
Lockable water tank cover	Working lights
Rear view mirrors	
Registration plate holder with light	
Rotating beacon	

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

CC1100 CC1200 CC1300

All models available as combi version

The combi versions of the rollers reduce the risk of marrying newly laid asphalt when making sharp turns.

The rubber tires are operated in pairs by separate drive motors.



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

Silent water cooled diesel engine

Corrosion-free, impact-resistant water tank is made of recyclable material. Large opening for filling.

New ergonomic F&R-handle



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

Easy-drain sprinkler watersystem – no special tools required.

Kit type

50h service kit

250h/750h service kit

500h service kit

1000h service kit

Scraper kit

Shock absorber kit

Sprinkler kit

CC1100/C

4812 1562 65

4812 1562 88

4812 1562 66

4812 1562 67

4700 9389 13

4700 9388 95

4700 9405 94

CC1200/C

4812 1562 65

4812 1562 88

4812 1562 66

4812 1562 67

4700 9389 14

4700 9388 95

4700 9405 94

CC1300/C

4812 1562 65

4812 1562 88

4812 1562 66

4812 1562 68

4700 9389 14

4700 9388 95

4700 9405 94

Parts & Service offerings and support



All in one box kits

All in one box, tailored to match your Dynapac equipment. The parts you need, when you need them!

All in one box contains all the parts required as part of the equipment's scheduled maintenance program. When installed by a Dynapac certified technician, you keep your downtime to a minimum and your equipment in top condition its entire life.

Easy to obtain & attractively priced, the most effective solution to keep your maintenance budget low.

Find a suitable kit @
www.dynapac.com/kitselector

Dynapac Fluids

- The right fluid optimizes machine performance
- Simplified selection process, less time spent on finding right oil
- Delivery in a handy can, no need for transfer from oil-drum
- All in one delivery, less time spent on waiting and dealing with different suppliers
- One invoice, less administration

Find a suitable fluid @
www.dynapac.com/fluidselector

Service Agreements

Servicing your machines regularly is very important to ensure reliable operation and a long service-life. With pro-active service and preventive maintenance you minimise the risk of high production costs and break-downs. You can select a service contract that meets your requirement of professional service in order to get the outmost of your machine investment.

Benefits

- Reduced costs
- Cost known upfront
- Extended warranty (CARE)
- Professional and regular machine inspections
- Planned maintenance
- Increased resale value

Please contact your sales repr. for more information.

What's included

Maintenance contract

- Preventive maintenance
- Fluids
- Machine inspection

CARE

- Preventive maintenance
- Fluids
- Machine inspection/Inspection protocols
- Extended Warranty (also available as a separate product)

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We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines. The above information is a general description only, is not guaranteed and contains no warranties of any kind.