Tandem Asphalt Rollers
CC800, CC900, CC1000, CC1100, CC1200, CC1300
CC1100C, CC1200C, CC1300C
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.
Real-life performance
No matter the application. Dynapac will always offer an optimized solution.
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.

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.

<table>
<thead>
<tr>
<th>Operating mass</th>
<th>Drum width</th>
<th>Freq. (Hz)/Amplitude (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC800</td>
<td>1,575 kg</td>
<td>800 mm</td>
</tr>
<tr>
<td>CC900</td>
<td>1,600 kg</td>
<td>900 mm</td>
</tr>
<tr>
<td>CC900S*</td>
<td>1,640 kg</td>
<td>900 mm</td>
</tr>
<tr>
<td>CC1000</td>
<td>1,685 kg</td>
<td>1,000 mm</td>
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</tbody>
</table>

*single arm
<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Mass (kg)</th>
<th>Drum Width (mm)</th>
<th>Freq. (Hz)</th>
<th>Amplitude (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC800</td>
<td>1,575</td>
<td>800</td>
<td></td>
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<tr>
<td>CC900</td>
<td>1,600</td>
<td>900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC900S*</td>
<td>1,640</td>
<td>900</td>
<td>56/70/0.30/0.35</td>
<td></td>
</tr>
<tr>
<td>CC1000</td>
<td>1,685</td>
<td>1,000</td>
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</tbody>
</table>
Attention to detail - the base of perfection

**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.)
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.

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

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

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

**Kit type**

<table>
<thead>
<tr>
<th></th>
<th>CC800</th>
<th>CC900</th>
<th>CC900S</th>
<th>CC1000</th>
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<td>50h service kit</td>
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<td>4700 9402 09</td>
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<td>4700 9402 09</td>
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<tr>
<td>1000h service kit</td>
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<td>Shock absorber kit</td>
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<td>4700 9455 52</td>
<td>4700 9455 50</td>
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</table>
Street-smart compact tandem rollers

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 cornerstones 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 proves 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.

<table>
<thead>
<tr>
<th></th>
<th>Operating mass</th>
<th>Drum width</th>
<th>Freq. (Hz)/Amplitude (mm)</th>
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<tbody>
<tr>
<td>CC1100</td>
<td>2,350 kg</td>
<td>1070 mm</td>
<td>57/0.5</td>
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<tr>
<td>CC1200</td>
<td>2,600 kg</td>
<td>1200 mm</td>
<td>58/0.5</td>
</tr>
<tr>
<td>CC1300</td>
<td>3,900 kg</td>
<td>1300 mm</td>
<td>52/0.5</td>
</tr>
<tr>
<td>CC1100C</td>
<td>2,300 kg</td>
<td>1070 mm</td>
<td>57/0.5</td>
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<tr>
<td>CC1200C</td>
<td>2,430 kg</td>
<td>1200 mm</td>
<td>58/0.5</td>
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<tr>
<td>CC1300C</td>
<td>3,750 kg</td>
<td>1300 mm</td>
<td>52/0.5</td>
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</tbody>
</table>
### Street-smart compact tandem rollers

<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Mass (kg)</th>
<th>Drum Width (mm)</th>
<th>Frequency (Hz)/Amplitude (mm)</th>
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</thead>
<tbody>
<tr>
<td>CC1100</td>
<td>2,350</td>
<td>1070</td>
<td>57/0.5</td>
</tr>
<tr>
<td>CC1200</td>
<td>2,600</td>
<td>1200</td>
<td>58/0.5</td>
</tr>
<tr>
<td>CC1300</td>
<td>3,900</td>
<td>1300</td>
<td>52/0.5</td>
</tr>
</tbody>
</table>

- **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

- **Standard equipment**
  - Automatic Water Control (AWC)
  - Automatic Vibration Control (AVC)
  - Brake release (Combi only)
  - Emergency stop
  - Filters for sprinkler system
  - Fuel gauge
  - Horn
  - Hourmeter
  - Hydraulic pressure checkpoints
  - Ignition key
  - Interlock system
  - Lifting points
  - Lockable instrument panel
  - Non-clogging sprinkler nozzles – 3 filters in the watering system insure clean water.
  - Pressurized sprinkler system
  - Main battery switch
  - ROPS (incl. seat belt) *
  - Rubber mounted operation platform
  - 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

- **Optional equipment**
  - 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
  - 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 (std. on CC1300)
  - Tool set
  - Towing eyelet, front
  - Vibration, single drum
  - Working lights
  - (* Valid as STD in ECC-countries only.)

Make your Dynapac truly yours

- **Silent water cooled Kubota diesel engine**
- **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.**

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.

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

Silent water cooled diesel engine

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

New ergonomic F&R-handle

Easy-drain sprinkler watersystem – no special tools required.

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

<table>
<thead>
<tr>
<th>Kit type</th>
<th>CC1100/C</th>
<th>CC1200/C</th>
<th>CC1300/C</th>
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<tbody>
<tr>
<td>50h service kit</td>
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<td>4812 1562 65</td>
<td>4812 1562 65</td>
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<tr>
<td>250h/750h service kit</td>
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<tr>
<td>500h service kit</td>
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<td>1000h service kit</td>
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<td>4812 1562 67</td>
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<tr>
<td>Scaper kit</td>
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<tr>
<td>Shock absorber kit</td>
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<td>4700 9388 95</td>
<td>4700 9388 95</td>
</tr>
<tr>
<td>Sprinkler kit</td>
<td>4700 9405 94</td>
<td>4700 9405 94</td>
<td>4700 9405 94</td>
</tr>
</tbody>
</table>
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/kitsselector

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

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)

Please contact your sales repr. for more information.