

# DYNAPAC TANDEM ASPHALT ROLLERS

Dynapac CC800, CC900, CC900S, CC1000





*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.

# BUILDING ON EXPERIENCE

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 all through - 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 Road Construction Equipment!









**DYNAPAC'S RANGE OF SMALL TANDEM ASPHALT ROLLERS** – the Dynapac CC800, CC900, CC900S 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 tons and drum widths of 800, 900 and 1000 mm.

# GET THE JOB DONE

## LOW NOISE - HIGH POWER

The powerful and quiet water-cooled 3-cylinder Kubota diesel engine produces 18,1 kW (24.3 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

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 have a maintenance-free steering hitch and steering cylinder. The few remaining service points are easily accessible.

*\* If you chose the PLUS-version, you will get an even larger watertank - 190 liters.*



---

## DYNAPAC CC900S

The "Single Arm" version - Dynapac CC900S - has the right side of the front drum free, which makes it possible to compact close to the walls. The front drum have an offset of 60 mm.

# DYNAPAC CC800 CC900 CC900S CC1000

EXPERIENCE IS THE BASE OF EXCELLENCE.  
DYNAPAC WILL ALWAYS HELP YOU TO  
REACH PERFECTION.

Foldable ROPS for  
easy transportation

Spacious vibration  
damped operator  
platform

Central lifting point

Powerful and silent 3 cylinder  
water cooled diesel engine  
with latest T4/Stage V  
emission control technique

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

Ergonomic  
boarding steps

Fail-safe  
brakes

Maintenance-free steering  
hitch and steering cylinder

**GET THE JOB DONE.  
ON TIME AND ON BUDGET**



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.



Pressurized sprinkler system with a powerful water pump and with self draining sprinkler tubes and nozzles.



Long service intervals together with maintenance free steering hitch and steering cylinder contribute to a minimum of maintenance.



A robust central lifting eye allows fast and easy loading.



A spacious vibration damped operator platform with comfort seat and optional dual forward/reverse levers for total operator comfort.



# CHOOSE BETWEEN CC AND CC PLUS PACKAGES



## CC PACKAGE FOR DYNAPAC CC800, CC900, CC900S AND CC1000

### INCLUDED:

Backup alarm  
Working lights

### OPTIONS FOR CC PACKAGE:

Foldable ROPS  
incl. seat belt, CE mark  
and rotating beacon



## CC PLUS PACKAGE FOR DYNAPAC CC800, CC900, CC900S AND CC1000

### INCLUDED:

Backup alarm  
CE sign  
Comfort seat  
Cup/can holder  
Foldable ROPS incl. seat belt  
Large Watertank, 190 l  
Rotating beacon  
Sprinkler timer  
Vibr. shut off, front or rear drum  
Working lights



### OPTIONS FOR CC PLUS PACKAGE:

Driving lights, right or left handed  
Dual forward/reverse control  
Spring loaded scrapers (not CC800)

## OPTIONS FOR CC AND CC PLUS DYNAPAC CC800, CC900, CC900S & CC1000

3" seatbelt  
Biodegradable hydraulic fluid  
Cert. fire protection, SBF 127  
Decal risk location (GOST)  
Fire extinguisher

Hearing protectors  
Licence plate light  
Rear view mirror, traffic view  
Service kit 50/500/1000 h  
Side direction lights (driving lights required)

Slow moving vehicle sign  
Special color (one or two)  
Tool set  
Water tank cover, lockable

## Technical data small asphalt rollers

	CC800	CC900	CC900S	CC1000
<b>DRUMS</b>				
Width, mm	800	900	900	1000
<b>MASSES</b>				
Max. operating mass, kg	1,665	1,665	1,705	1,750
Operating mass (incl. ROPS), kg	1,575	1600	1,660	1,685
Module mass (front/rear), kg	740 / 835	750 / 850	800 / 860	790 / 895
<b>TRACTION</b>				
Speed range	0-9	0-9	0-9	0-9
Vertical oscillation, °	±13	±13	±13	±13
Theor. gradeability %	40 %	40 %	50 %	40 %
<b>COMPACTION</b>				
Centrifugal force, kN	17	17	17	17
Nominal amplitude, mm	0.4	0.4	0.35	0.33
Static linear load (front/rear), kg/cm	9.3/10.4	8.3 / 9.4	8.8 / 9.5	7.9 / 8.9
Vibration frequency, Hz	70	70	70	70
Water tank , l	110 CC / 190 Plus	110 CC / 190 Plus	110 CC / 190 Plus	110 CC / 190 Plus
<b>ENGINE</b>				
Manufacturer/ Model	Kubota D1105-E4B	Kubota D1105-E4B	Kubota D1105-E4B	Kubota D1105-E4B
Rated power, SAE J1995	@2,800 rpm,	@2,800 rpm,	@2,800 rpm,	@2,800 rpm,
kW/hp	18 / 24	18 / 24	18 / 24	18 / 24
Fuel tank capacity, l	23	23	23	23

### HYDRAULIC SYSTEM

Driving Axial piston pump with variable displacement and servo.  
 2 serial connected radial piston motors with constant displacement  
 Vibration Gear pump/ motors with constant displacement.  
 Steering Gear pump with constant displacement.  
 Service brake Hydrostatic in forward and reverse lever.  
 Parking/ Emergency brake Failsafe brake in both drums.

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.

**Your Partner on the Road Ahead**



**Dynapac Compaction Equipment AB**  
 Industrivägen 2, 37123 Karlskrona, Sweden  
 Phone: +46 455 30 60 00  
[www.dynapac.com](http://www.dynapac.com)