

# 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 - 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 31.5, 35 and 39 inches.

# GET THE JOB DONE

## LOW NOISE - HIGH POWER

The powerful and quiet water-cooled 3-cylinder Kubota diesel engine produces 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 30 gal (110 l) or 50 gal (190 l) 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.



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## 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 2.36 in (60 mm).

# DYNAPAC CC800 CC900 CC900S CC1000

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

Foldable ROPS.

Spacious  
operator  
platform.

Central lifting point.

Powerful and silent 3  
cylinder water cooled  
diesel engine.

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

Ergonomic board-  
ing 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.



## **DYNAPAC CC800, CC900, CC900S AND CC1000**

### **Included:**

- Backup alarm
- CE sign
- Comfort seat
- Cup/can holder
- Foldable ROPS incl. 3" seat belt
- Large water tank, 50 gal (190 l)
- Rotating beacon
- Spring-loaded scrapers
- Sprinkler timer
- Vibr. shut off, front or rear drum
- Working lights

### **Options:**

- Biodegradable hydraulic fluid
- Driving lights, right-or-left handed
- Dual forward/reverse control
- Fire extinguisher
- Hearing protectors
- License 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

## IMPERIAL

|  | CC800           | CC900           | CC900S          | CC1000          |
|--|-----------------|-----------------|-----------------|-----------------|
| Drum width, in                                   | 31.5            | 35              | 35              | 39              |
| <b>MASSES</b>                                    |                 |                 |                 |                 |
| Operating mass , lb<br>(incl. ROPS)              | 3,475           | 3,500           | 3,600           | 3,700           |
| Module mass, lb<br>(front/rear)                  | 1,630/1,845     | 1,650/1,850     | 1,700/1,900     | 1,730/1,970     |
| <b>TRACTION</b>                                  |                 |                 |                 |                 |
| Speed range (mph)                                | 0-6             | 0-6             | 0-6             | 0-6             |
| Vertical oscillation (Deg)                       | ±13             | ±13             | ±13             | ±13             |
| Theor. Gradeability (%)                          | 40%             | 40%             | 40%             | 40%             |
| <b>COMPACTION</b>                                |                 |                 |                 |                 |
| Centrifugal force , lb                           | 3,820           | 3,820           | 3,800           | 3,820           |
| Nominal amplitude, in                            | 0,02            | 0,02            | 0,01            | 0,01            |
| Static linear load lb/in<br>(front/rear)         | 52/58           | 46/53           | 49/53           | 44/50           |
| Vibration frequency, VPM<br>(high/low frequency) | 4,200           | 4,200           | 4,200           | 4,200           |
| Water tank, Gal                                  | 30              | 30              | 30              | 30              |
| <b>ENGINE</b>                                    |                 |                 |                 |                 |
| Manufacturer/Model                               | KubotaD1105-E4B | KubotaD1105-E4B | KubotaD1105-E4B | KubotaD1105-E4B |
| Rated power (hp)<br>SAE J1995                    | 24@2800 rpm     | 24@2800 rpm     | 24@2800 rpm     | 24@2800 rpm     |

## METRIC

|  | CC800             | CC900             | CC900S            | CC1000            |
|--|-------------------|-------------------|-------------------|-------------------|
| Drum 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             | 1,600             | 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 , kW            | 18@2,800 rpm,     | 18@2,800 rpm,     | 18@2,800 rpm,     | 18@2,800 rpm,     |

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**



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