

Tandem Asphalt Rollers

CC800 / CC900 / CC1000

DYNAPAC

Part of the Atlas Copco Group





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Small Tandem Asphalt Rollers

A series of small tandem rollers with an operating mass of approximately 1.6 tonnes is now replacing the CC82/92. This new series of machines comes with drum widths of 800, 900 and 1000 mm.

The machines are used primarily for small-scale compaction work such as pavements, cycle paths, small roads and small parking areas.

The machines are fitted with a robust central lifting eye that allows very fast, and simple loading for transportation between different workplaces. A folding ROPS (option) means that the transport height can be kept to a minimum.

The powerful, quiet, water-cooled, 3-cylinder Perkins diesel engine produces 17.3 kW (23,5 hp). Together with the large drum diameter and the drive motors connected in series, it contributes to excellent accessibility and hill-climbing capacity. Propulsion and vibration naturally come as standard on both drums. As an option, it is possible to switch off the vibration on either the front or the rear drum.

The "single arm" model (CC900S) has the right side of front drum free which makes it possible to compact close to walls. Furthermore, the front and rear drum have an off-set of 60 mm.

The machines are equipped with a new type of sprinkler tube and nozzles that are self-draining

in order to minimise the risk of ice plugs in cold weather conditions.

The large, 110-litre water tank allows long periods of work between refills.

In order to further extend the working periods, a sprinkler timer is available as an option.

The powerful water pump is the same model as used on our larger asphalt machines.

A spacious, vibration-damped operator's stand and an ergonomically positioned step make the machines extremely driver-friendly. A new, modern, easily legible instrument panel with a warning panel and fuel gauge come as standard.

In order to minimise maintenance costs, the service intervals have been extended and the machines now have a maintenance-free steering hitch and steering cylinder.

The few remaining service points are easily accessible.

Economy

A low total cost for the owner has always constituted an important guideline in Dynapac's product development, and for this reason high capacity, high reliability and high quality are natural features in all Dynapac's products. We also offer excellent access to service and a very high second-hand value.



Spacious driver's platform with ergonomically positioned step.



Easy readable instrument panel with fuel gauge.



Maintenance-free articulated joint and steering cylinder.



Dynapac uses carefully selected components in the manufacturing of compaction equipment.

Our machines are designed to conform to all current requirements on safety and quality in Europe and the rest of the world.

Dynapac always has agents at the local level. We are aware of conditions locally and can always reach you quickly wherever and whenever you need us.

Dynapac takes responsibility for service and for its products throughout their entire useful life.

Availability, quality and the best possible customer service are the core of our activities. We are always available with fast and reliable service. Dynapac Sales organisation and its dealer network have direct access to online parts documentation, availability and ordering functions over Internet. Parts & Service On Line provide our aftersales organisations with instant service and parts information's during 24 hours, regardless of location in the world.

You save both time and money with regard to administration and freight by always turning to us.

In addition to the spares that you buy, you get more in the form of quality, availability, know-how and customer service.

With maintenance free steering hitch and steering cylinder, no grease nipples are found on these machines. At same time, the periods between servicing have been extended. Corrosion-free water tank and sprinkler tubes, in combination with easily accessible filters, ensure reliability and easy maintenance.



Ergonomics

The rollers feature very low vibration levels in the operator's position, achieved through rubber suspension of the operator's platform, drums and diesel engine. Fittings such as double F&R controls (option) unsurpassed view over the drum edge on left and right side. The noise level is very low, implying less risk of injury caused by noise or fatigue during long working days.



Safety

A very low centre of gravity gives the rollers good stability. All of the machines are fitted on both

drums with "fail-safe" brakes that are automatically applied if the engine stops or in the event of hydraulic or electric faults in the brake circuits.

A safety switch fitted in the seat prevents inadvertent starting of the engine. The operator must be seated to enable the F&R lever to be activated.

The main power switch and well protected electric cables minimise the risk of fire.

ROPS are available as optional features (standard for EU countries) and they are also available in a retractable version to give the smallest possible height for transportation.

Service

Daily service points are few and easily accessible.

The large, easy-to-open engine hood and with all service points

located on one side of the machine contribute to easy and fast service.





Performance

The machines feature long service intervals and few service points. High component quality, and large tanks for fuel and water, also contribute to few interruptions in operation.

The high transport speed contributes to moving quickly between different jobs. Altogether, these features mean that you as the customer are spared unplanned interruptions. If you are also careful and use genuine Dynapac spares you will reduce your overall costs even further. The powerful engine and with serial connected drive motors contribute to excellent hill-climbing capacity. High clearance adjacent to the drums facilitates compaction close to high kerbstones, etc. This, in combination with articulated steering and unobstructed view over the edge of the drums, makes the machines easy to operate even in cramped spaces. With the "single arm" version (CC900S), with right side of front drum free, it is even possible to compact close to house walls.



Environment

The Perkins engine conform with a good margin to current

requirements on emission.

Low noise level is an increasing demand in major cities where intense daytime traffic make it necessary to work during the night and holidays. These machines are prepared for the use of biologically degradable hydraulic fluid.

Filters for hydraulic fluid, engine oil

and fuel are located where they are easy to reach and cause the least possible spill.

Tanks for water, fuel and hydraulic oil are made of recyclable polyethylene.



Application support

All machines are given a trade

description at Dynapac International High Comp Centre (IHCC) in Karlskrona, Sweden. This verifies that the compaction characteristics of the machine correspond to the high level requirements that have been applied during the work of development.

The data accumulated during tests is filed in a know-how bank at IHCC, from which recommendations are subsequently made concerning the choice of machines and modes of use in relation to customer specifications and wishes.

Customer support by IHCC accompanies all Dynapac's machines worldwide as long as the machine is in use, never farther away than a telephone call.

The end result is a unique know-how centre that covers market requirements, making it possible for everyone to improve their knowledge in the field of compaction and laying technique.

PaveComp

Our PaveComp software recommends the screeds, tractor units and rollers you need to perform your specific job. A number of asphalt mixes are included in the program.

The varying compaction needs of the mixes and layer thickness are also taken into account. The program also recommends the rolling speed, frequency and amplitude settings, as well as the number of passes required to reach the right density.



Weight classes

| Model | Tonnes |
|--------|--------|
| CC800 | 1,6 |
| CC900 | 1,6 |
| CC1000 | 1,6 |

Available with foldable ROPS.

Very low vibration levels in the operator's platform.

CC900

DYNAPAC

Maintenance free steering hitch and steering cylinder.

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

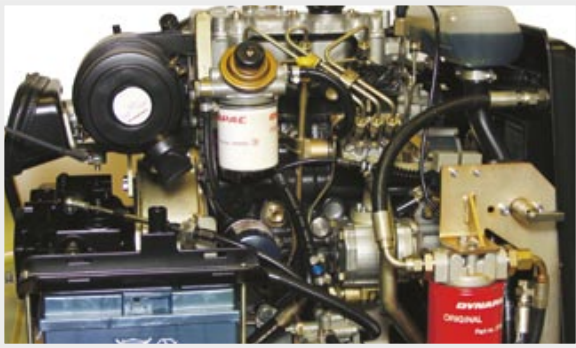


Central lifting point

Powerful and silent 3 cylindre
water cooled diesel engine.

Self-draining sprinkler
tube and nozzles

CHARACTERISTICS



Engine

Powerful, water-cooled, 3-cylinder diesel engine, with very low noise level.



Steering system

Articulated steering with maintenance-free hitch and steering cylinder, keeps maintenance hours low.



Loading and reloading

Robust central lifting eye, makes loading and reloading an easy task.



Sprinkler drainage system

Self-draining sprinkler tubes and nozzles, combined with low placed drainage valve on the filter makes it easy to drain the sprinkler system.



Sprinkler system

Pressurized sprinkler system with a powerful water pump, ensures efficient water supply for the drums.



Ergonomic steps

Spacious driver's platform with ergonomically positioned step, makes it easy to enter the roller.



Instrument panel

Easily readable instrument panel with fuel gauge.



Ergonomic Operator platform

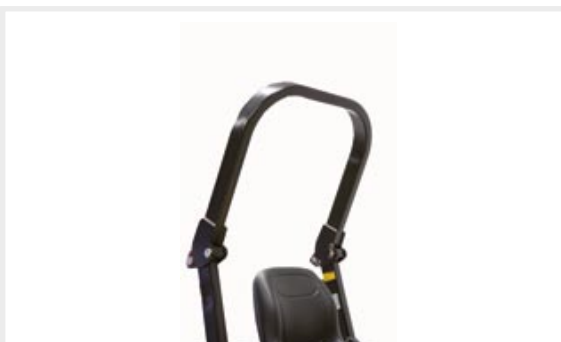
The vibration-damped platform gives very low body- and hand-vibrations.



Drivers seat

Adjustable seat, forward/reverse.

As optional there is a seat with weight adjustment



ROPS

Fixed or foldable ROPS, available as optional.

CHARACTERISTICS



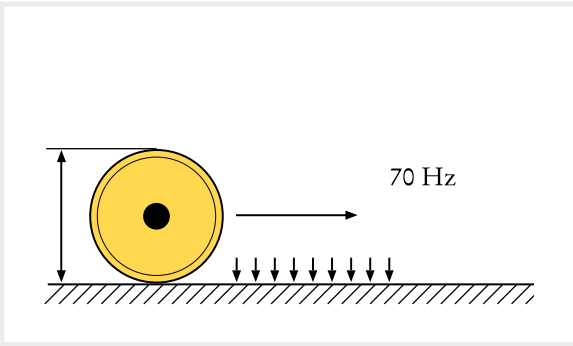
Manoeuvrability

Good manoeuvrability, thanks to excellent drum edge visibility and front/rear view.



Drums

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



Compaction

High frequency (70 Hz) for efficient compaction.

"Vibration Shut" off on front or rear drum is available as an option.



Easy towing

Towing eye-lets as standard.



Free drum side and off-set

With CC900 S, it is possible to compact close to house walls.



Equipment

Standard

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

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

Optionals

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

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

Standard equipment/Optional equipment may vary for different machines and markets.



Dynapac is so much more than just equipment. When our machines are distributed, we include a whole concept of service with original parts, support and organized know-how, covering all the needs in the entire field of compaction and paving – on every continent. We have cut down on response times and increased availability, reliability and distribution speed. For optimum quality, the same engineer who

designed the original machine also looked after the parts. We have a row of service points around the globe to provide peace of mind. Through the internet, our service points have documentation and parts availability information, updated minute by minute. We have developed a complete international network, always ready to offer support and assist with parts and service in order to maintain the highest product quality.

Find your local dealer at www.dynapac.com

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