

Tandem Asphalt Rollers

CC800 / CC900 / CC1000

DYNAPAC

Part of the Atlas Copco Group





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(Unit shown without standard 50 gallon water tank)

Small Tandem Asphalt Rollers

A series of small tandem rollers, with an operating weight of approximately 1.6 tons, is now replacing the CC82/92. This series of machines come in drum widths of 31, 35 and 39 inches.

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

The machines are fitted with a robust central lifting eye that allows fast and simple loading for transportation. The folding ROPS helps to keep the transport height to a minimum.

The powerful, quiet, water-cooled, 3-cylinder Perkins diesel engine produces 23.5 hp. Together with the large drum diameter and the drive motors connected in series, it contributes to an excellent accessibility and hill-climbing capacity. Propulsion and vibration come as standard on both drums. A switch to turn off vibration on the front drum is a standard option, rear drum shut-off can be added as an additional option.

The 'single arm' model (CC900S) leaves the right side of front drum unobstructed, which makes it possible to compact close to walls. Furthermore, the front and rear drum have an off-set of 2.4 inches.

The machines are equipped with a new type of self-draining sprinkler tube and nozzles, in order to minimize the

risk of ice plugs in cold weather conditions.

The large 50 gallon water tank allows long periods of work between refills. In order to further extend the working periods, a sprinkler timer is included as standard equipment. 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 warning lights and a fuel gauge come as standard.

In order to minimize maintenance costs, 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 been a key objective in Dynapac's product development.

High productivity, reliability and quality are other key design criteria in all of Dynapac's products. Our rollers offer excellent service access and high resale value due to the high product quality.



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 safety and quality requirements in United States and the rest of the world.

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

Dynapac takes responsibility for servicing and for the product itself for its entire useful life.

Availability, quality and the best possible customer service are the core of our business model.

We are always available for fast and reliable service.

The Dynapac Sales organization and its dealer network have direct access to online parts documentation, availability and ordering functions over the Internet.

Parts & Service On Line provides our aftermarket organizations with instant service and parts information 24 hours a day, 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 parts that you buy, you get more in the form of quality, availability, know-how and customer service.



Service

Daily service points are few and easily accessible. The large, easy-to-open engine hood and service points centrally located on one side of

the machine make servicing fast and easy.

With maintenance-free steering hitch and -cylinder, no grease nipples are found on these machines.

At the 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) give an 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 extended use.



Safety

A very low center of gravity gives the rollers good stability. All machines are

fitted on both drums with 'fail-safe' brakes. The brakes 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 minimize the risk of fire.

Foldable ROPS are standard.





Performance

The machines feature long service intervals and few service points.

High quality components and large tanks for fuel and water, also contribute

to fewer interruptions in operation.

The high transport speed contributes to moving quickly between different jobs.

Altogether, these keep unplanned interruptions to a minimum and productivity high. Using genuine Dynapac parts you will reduce your overall costs even further.

The powerful engine and serial-connected drive motors contribute to an excellent hill-climbing capacity.

High clearance adjacent to the drums facilitates compaction close to high curbs, etc. This, in combination with articulated steering and unobstructed view over the drum edges, makes the machines easy to operate even in cramped spaces.

The 'single arm' version (CC900S), with right side of front drum free, makes it even possible to compact close to house walls.



Environment

The Perkins engine conforms with a good margin to current requirements on emission.

Low noise level is an increasing demand in major cities where intense daytime traffic makes it necessary to work during the night and holidays.

These machines are prepared for use of biologically degradable hydraulic fluid. Filters for hydraulic fluid, engine oil and fuel are located where they are easily reachable and where they are least possible to cause spillage.

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 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, service and support is never farther away than a telephone call.

The end result is a unique know-how center 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 mixes and layer thicknesses are taken into account.

The program also recommends rolling speed, frequency and amplitude settings, as well as the number of passes required to reach the right density.



Weight classes

Model	Tons
CC800	1.6
CC900	1.6
CC1000	1.6



Standard Foldable ROPS.

Very low vibration levels
in the operator's platform.

Maintenance free steering
hitch and steering cylinder.

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



Central lifting point

Powerful and silent 3 cylinder
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

Foldable ROPS are standard equipment.

CHARACTERISTICS



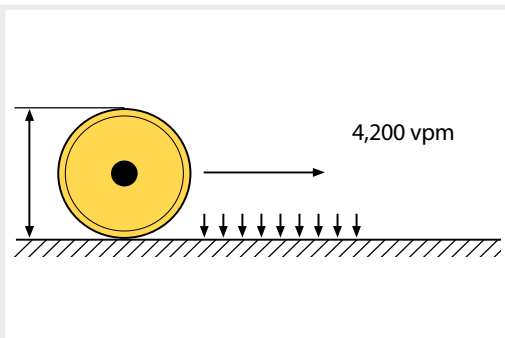
Maneuverability

Good maneuverability, 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 (4,200 vpm) for efficient compaction. "Vibration Shut" off on front drum is a standard option and rear drum is available as an additional 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)	Rubber mounted operation platform	Warning light, brakes
Automatic Water Control (AWC)	Hydraulic pressure checkpoints	Warning light, charging
Backup alarm	Emergency stop	Warning light, engine oil pressure
Foldable ROPS	Horn	Warning light, engine temperature
Fuel gauge	Ignition key	Warning light, low fuel level
Towing eyelet, front and rear	Interlock brake	Vibration shut off, front drum
Central lifting eye	Hour meter	Vibrations on both drums
Cup/Can holder	Pressurizes sprinkler system	Sprinkler timer

Optionals

Ballast weight to CC800	Main battery switch	Special colour
Driving lights	Rear view mirror	Spring loaded scrapers
Dual F/R controls	Rotating beacon for ROPS	Tool set
License plate light/holder	Side direction lights	Working lights
Lockable water tank cap	Slow Moving Vehicle sign (SMV)	F/R Drum shut off

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.

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