

DYNAPAC PNEUMATIC TYRED ROLLER

Dynapac CP275



PRESENTING DYNAPAC CP275! The CP275 incorporates several features that will enhance efficiency, serviceability, operator comfort and the end result. The spacious cab design offers an outstanding workplace for the operator, and the dual-circuit braking system is another Dynapac-only feature.

With genuine Dynapac performance you can add the final touch to any project. By the progressive design and new color scheme makes it clear to everyone that you have chosen the right machine for the job.

THE DYNAPAC TOUCH

PURE PERFECTION

A perfect end result is dependent on the performance of the roller and on the skills of the operator. In a Dynapac, the operator can take advantage of a highly ergonomic and user-friendly operator environment. The spacious cab is equipped with air conditioning.

Two operator seats make work more efficient and give excellent visibility. Similar ways of controlling and the location of all the controlling units are more suitable to operator habits compared with symmetrical structures. In fact, you even have the option to adjust tyre pressures during compaction.

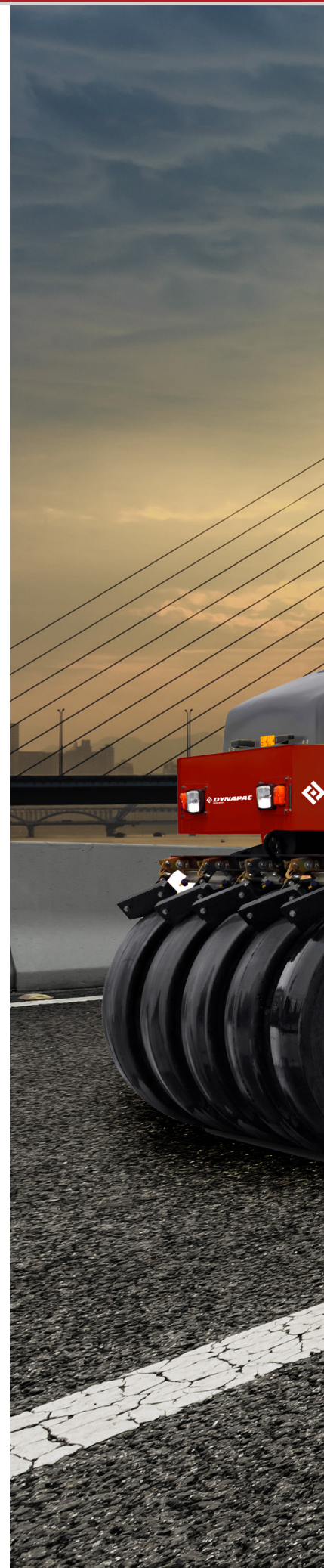
ONE FOR EVERY NEED

The new roller is available with compaction width 2370 mm and a maximum operation mass of up to 30 000 kgs. It is ideally suited for a wide range of high-quality applications. In addition, the hydraulic propulsion system increases reliability and reduces maintenance costs.

EFFICIENT HYDRAULIC SYSTEM

As with all Dynapac rollers, this new model is built on a hydraulic transmission system, which simplifies steering and on-off operations.

A single pump, single motor transmission system with steady speed adjustment poses no impact on road material.





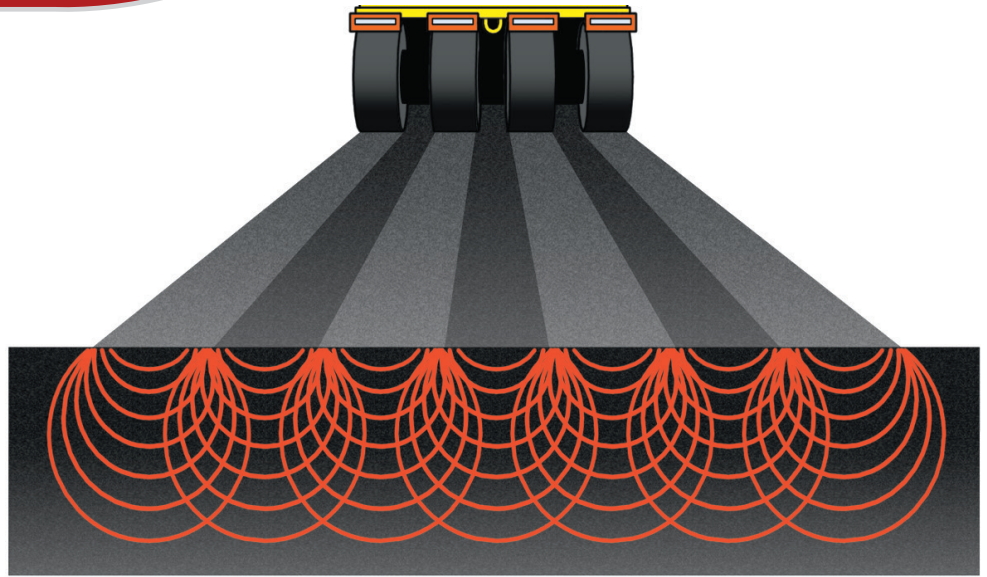
PERFORMANCE - EXCELLENT EDGE COMPACTION

Compaction is precision work, especially compaction near the edges. Both sides of the CP275 tyres are wider than the frame, thus yielding excellent compaction performance, sparing customers the need for a small CC roller.

PERFORMANCE

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A pneumatic tyred roller is a specialized machine – with a wide range of applications. Finishing and sealing are obvious ones but soil compaction can also be carried out with top quality. A significant feature is the smooth start-stop procedure when changing driving direction. The wide base tyres, air-on-the-run option and back-up sprinkler further enhance the end result quality.



PRESSURE CONTACT AREA OVERLAP

The previously compacted areas support the soil being compacted and help achieve a better and more homogeneous compaction.

NEVER SETTLE FOR SECO



ERGONOMICS

In a Dynapac, the seat, steering wheel and controls are built as a separated unit, easily operated. Similar ways of controlling and the location of all the controlling units are more suitable to operator habits, which also yields the best visibility and working conditions possible. Add to that some options, including oil spray system, as well as concrete ballast. A roller built for long-term productivity.

COMFORT AND SAFETY IN MIND

The two controlling units are designed separately with comfort and safety in mind. Consistent controlling is suited to operator habits.



SAFETY

The braking system has two separate circuits which are able to maintain full braking capacity even if a damaged hose or other failure should disable one of the circuits.

Visibility and maneuverability are safety cornerstones. Dynapac's cab design, as well as the 4-post ROPS, minimizes obstruction of the operator's field of view. Also, precise steering and the powerful braking system keep the operator in control.

ENVIRONMENTAL CARE

Every Dynapac is designed and built with a focus on reduced environmental impact. An optimized engine reduces fuel consumption and emissions, and an engine complying with Tier 3 is fitted for your choice. It is easy to change engine liquids and hydraulic fluid without risk of spillage. To reduce noise, the cooling fans are thermostatically controlled, and the entire machine produces a low level of ambient noise.

OND BEST

SERVICEABILITY

Daily service points are few and the large hood and location of filters and filler caps make routine service tasks smooth and fast.

The front and rear tyres of the CP275 can be easily replaced individually, instead of being replaced in groups, thus saving time and money.

SERVICE - EASIER THAN EVER

Daily service points are few and easy.

Steps on the side make it easy to reach the filling caps and filters.



ATTENTION TO DETAILS - THE BASE OF PERFECTION

2 Cummins engine types,
optional for all markets.

24 volt electrical system pro-
vides better cranking capacity
and general durability.

Redundant dual-circuit
braking system for
increased reliability and
safety.

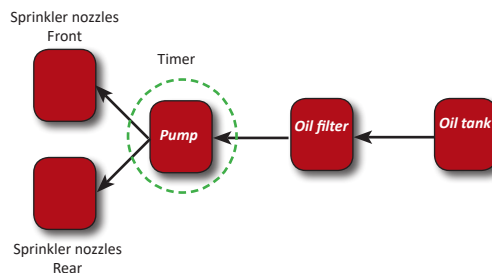
Optional air-on-the-run for
adjusting tyre pressures.

Hydraulic and thermostatically
controlled cooling fans yield low fuel
consumption and low noise.



OIL SPRAYING SYSTEM

The oil spraying system prevents the asphalt from sticking to the tyres.





Side working lights makes working at night an easy job.

Two operator seats make work efficient and provide excellent visibility.

The height of the new CP275 roller is three meters with Cab or canopy. This can be a key factor when transporting the roller between worksites.

Automatic water control

Hydraulic propulsion reduces maintenance costs.

BALANCED ALL THE WAY

To achieve the same ground pressure on front and rear tyres, the ballast is distributed evenly. It is very easy to ballast the machine with ballast weights placed behind the cover.

EXCELLENT VIEW AND SAFETY

Front and rear visibility meet the European safety standards requirement of 1 x 1 meter

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Operating mass, kg	14 000
Max. operating mass, kg	30 000
Wheel load, std/max, kg/wheel	1556/3300
Speed, km/h	0-18
Propulsion, rear	4 Wheels
Water tanks, liters	600
Number of tires	5 front/4 rear
Tyre pressure, kPa	380-780

Dimensions

Compaction width, mm	2 370
Length, mm	5 310
Width, mm	2 370
Height, w/w.o canopy/Cab, mm	3080/2430

Engine

Cummins 4BTAA3.9-C125,	93kW(125hp)@2200rpm
Cummins QSB 4.5	97kW(130hp)@2200rpm

CP275

Cummins Tier2/Tier 3 engine
Canopy
Canopy working lights
Side working lights
Safety belt
Driving lights
Sprinkler system w. scrapers & timer
Back up alarm
Vandal cover

Options (all packages)

Air on the run
Oil spray system
Concrete ballast plate
Ballast - hollow boxes
Steel ballast plate

CP275 Plus

Tier2/Tier 3 engine
Side working lights
Driving lights
Sprinkler system w. scrapers & timer
Back up alarm
Vandal cover
Cab

Cab

Interior light
AC & heater
Rear view mirror, inside/outside Radio
and MP3 player
Cab working lights
Fire extinguisher
Wiper front/rear
Rotating beacon
Safety belt
Integrated ROPS

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.
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Your Partner on the Road Ahead