Dynapac presents a new pneumatic tyred roller. 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 striking Dynapac color scheme makes it clear to everyone that you have chosen the right machine for the job.

**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 27,000 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.
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 second best

Performance
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.

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.

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 Dynapac is built for long-term productivity.

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.

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.
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.
24 volt electrical system provides better cranking capacity and general durability.

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

2 Cummins engine types, optional for all markets.

Side working lights makes working at night an easy job.

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

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.

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 12 ballast weights placed behind the cover.
Hydraulic propulsion reduces maintenance costs.

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.

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

Technical data CP275

<table>
<thead>
<tr>
<th>Operating mass, kg</th>
<th>14 000</th>
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</thead>
<tbody>
<tr>
<td>Max. operating mass, kg</td>
<td>27 000</td>
</tr>
<tr>
<td>Wheel load, std/max, kg/wheel</td>
<td>1556/3000</td>
</tr>
<tr>
<td>Speed, km/h</td>
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<tr>
<td>Propulsion, rear</td>
<td>4 Wheels</td>
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<tr>
<td>Water tanks, liters</td>
<td>600</td>
</tr>
<tr>
<td>Number of tires</td>
<td>5 front/4 rear</td>
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<tr>
<td>Tyre pressure, kPa</td>
<td>380-780</td>
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</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th>Compaction width, mm</th>
<th>2 370</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, mm</td>
<td>5 310</td>
</tr>
<tr>
<td>Width, mm</td>
<td>2 370</td>
</tr>
<tr>
<td>Height, w/w.o canopy/Cab, mm</td>
<td>3000/2350</td>
</tr>
</tbody>
</table>

Engine

Cummins 4BTA3.9-C125, 93kW(125hp)@2200rpm
Cummins QSB 4.5, 119 kW(160hp)@2200rpm
Choose between CP and Plus Packages

### CP

**Included:**
- Cummins 4BTAA3.9-C125
- Canopy
- Canopy working lights
- Side working lights
- Safety belt
- Driving lights
- Sprinkler system w. scrapers & timer
- Back up alarm
- Vandal cover

**CP275**

### Plus

**Included:**
- Cummins 4BTAA3.9-C125
- Side working lights
- Driving lights
- Sprinkler system w. scrapers & timer
- Back up alarm
- Vandal cover
- 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

**CP275 w Cab**

### Options (all packages)

- Air on the run
- Oil spray system
- Concrete ballast plate

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For further information and contacts please visit www.dynapac.com

Part of the Atlas Copco Group

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