Precision in Every Pass

CP28, Pneumatic Tire Roller



DYNAPAC
FAYAT GROUP



Your Partner on the Road Ahead

Dynapac

The commitment to continuous improvement ensures that our products not only meet the highest quality standards but also lead the way in environmental sustainability. Our extensive history and stability make us a reliable navigator and co-driver on your journey.

Smooth Roads Ahead



What is a PTR?

A pneumatic tire roller (PTR) uses multiple air-filled tires to adapt to surface irregularities, ensuring even compaction. This vibration-free method creates a smooth, impermeable surface, making it ideal for the final compaction of asphalt and chip-seal surfaces.

The CP28

Unmatched visibility and operator comfort unite in the Dynapac CP28. Its flexible rubber tires, excellent tire overlap and adjustable air pressure ensure consistent compaction density while reducing surface damage. This versatile pneumatic tire roller is ideal for several applications.

Environment

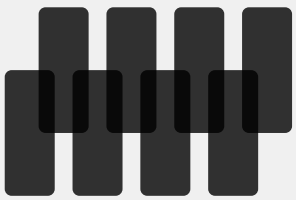
The integrated EcoMode and EcoSave technologies maintain the lowest possible RPM and automatically shut down the machine during prolonged idling periods. The result is less fuel usage, which reduces the environmental impact and lowers operational costs.

Ultimate Tire Performance

Discover the premium tire features that enhance performance, efficiency, and reliability on every job site.



Superior
Tire Overlap



1.8
Inches

Quality You Can Trust

Best in Class Overlap

The 4 front and 4 rear tires are not aligned, providing a tire overlap. The superior 1.8 inches tire overlap ensures an optimal surface coverage. It minimizes gaps and results in a smoother, more uniform finish.

Time Saving Pressure Control

The Air On The Run system allows the operator to adjust tire pressure directly from the operator's platform, even while the machine is in operation. This system ensures that the correct tire pressure is maintained to achieve optimal ground pressure, which is crucial for reaching the ideal level of compaction. One of the most time-saving aspects of the CP28 is its ability to inflate all tires from 0 psi to 120 psi in just 12 minutes.

Optimized Surface Contact

The CP28 boasts both front and rear suspension systems to optimize tire surface contact, leaving you with the best possible compaction and asphalt finishing result. The front tires can laterally oscillate up to 4.5° and tilt up to up to 1.5°, while the new rear suspension offers a 2.0° tire tilt. It also enhances operator comfort by smoothing out the ride, making it more comfortable to operate, especially noticeable during chip sealing.

Temperature Control

Temperature measurement is an essential part of the compaction process. The temperature of the asphalt mix plays an important role in the plasticity of the material and therefore in the optimal tire pressure. When an asphalt mix is hot it is flexible and rather easy to compact. As it cools down, it stiffens and becomes significantly more difficult to compact. Our CP28 roller is equipped with two temperature sensors, guiding the operator to set the most suitable tire pressure.

Reliable Cleaning

Asphalt can build-up and stick to rubber tires much easier when compared to steel drums. To keep all tires clean and free from asphalt, the CP28 has both a sprinkler and emulsion system. Both systems feature eight nozzles – one for each tire. The emulsion system applies anti-stick additives to the tires, including Dynaguard, to prevent unneeded build-up on the tires. Additionally, each tire can be equipped with cocoa mats to maintain water on tires at all times. Both sprinkler and emulsion system can be activated via buttons on the FNR lever, and a full backup pump is included to ensure uninterrupted performance on the job site.

Engineered for Excellence

Flexible Cab Options

The Dynapac CP28 can be customized with either a symmetric or asymmetric cab, allowing operators to achieve great visibility while remaining inside the cab for enhanced control.



Perfect Visibility

Get a perfect view over both working area and surroundings with no structures blocking the view. Combined with the traffic mirror, the new frame design also allows for excellent visibility of both front and rear tires. The greater the visibility, the better the asphalt finish.



Fuel Savings

EcoMode reduces fuel usage by up to 20%.

20%
Less fuel used

Simplified Operation

The seat can slide across the full width of the cabin and rotate 180°. Our new right-foot brake pedal enhances driver control for fast response. All operation controls, including the pedal, moves along with the work station when moving it, securing safe operation in any position.

180°
Full station swivel

Optimized Transport

Logistics are simplified with the removable cab. It offers reduced freight costs due to different logistic combinations.





Heat skirt

Maintain high quality results and avoid asphalt sticking to the tires by using heat skirts. The skirts create a barrier that helps preventing heat loss to the surroundings. By keeping the temperature consistently high, asphalt is less likely to stick to the tires. This also reduces the need for frequent cleaning and maintenance, leading to lower water consumption and extended operating hours.

Transformable Machine Weight

A patented ballast system enables rapid weight adjustments and consistent ground pressure on both front and rear tires, whether using water, sand, or steel. This flexible system enhances performance across various job sites, with quick and easy ballast installation and removal.

62,060

Maximum weight (lbs)



Rolling width

For optimal productivity on the jobsite, the eight tires have a combined rolling width of 80.1 inches.

80.1

Rolling width (inch)



Easy Maintenance

Dynapac Service's concept makes all service points easy to reach. For example, hydraulic pumps are in line with the engine and fully accessible for service. All service points and checkpoints have ground level access. The CP28 is made to be easy to care for throughout its lifespan.

Questions?
We’re Happy to Help

Find your closest dealer at dynapac.com

