

CP75 Commercial Class Paver

Setting A New Standard In Commercial Paving



- ◆ **Single Body Construction And Durable, Long Lasting Components For Longer Machine Lifecycle And Superior Quality**
- ◆ **Powerful, Fuel Efficient 74 Horsepower Cummins B3.3 Tier IVi Engine**
- ◆ **Class-Leading EZC813 Electrically Heated Screed Built With Recognized And Renowned Carlson Technology**
- ◆ **One Piece Folding Hood And Best-In-Class Accessibility For Easy Maintenance And Serviceability**
- ◆ **High Flow Hybrid Conveyor Eliminates Material Segregation, Improves Flow And Increases Fuel Efficiency**



CP75 Commercial Paver

Engine

The Power You Want, The Access You Need

The CP75 is powered by a 74 horsepower Cummins B3.3 turbocharged Tier IVi engine, giving operators exceptional fuel economy and high torque. Together with its two speed drive and self-tensioning tracks helps give the CP75 a class leading platform in performance and reliability.

Maintenance on and around the engine is easy and accessible with Carlson's industry leading engine compartment layout. With a one piece, forward tilting hood and front access panel in the hopper, and service to the CP75's engine and hydraulics can be done quickly and comfortably for more productivity and less machine downtime.



Built To Last

The CP75 is designed and built with easily replaceable components to meet the demands of contractors season after paving season. Standard with 12" wide steel tracks and supported by 6 bogeys, the CP75's track assembly provides better ground support, reliability and balance compared to other pavers in its class. Combined with its replaceable, heavy duty 3/8" thick 500 Brinell rated steel conveyor floor plates, 3/8" thick 500 Brinell rated auger flights and heavy duty steel frame the CP75 represents an economic platforms paired with proven Carlson reliability and durability.



Helping to keep the CP75 running at optimal performance are multiple conveniently located remote greasing stations providing easy daily greasing of vital components. Tension adjustment for the High Flow Conveyor System is also easy with is the High Flow Conveyor tension adjusters located on the exterior of the paver to provide easy access and adjustment.

Simply put, the CP75 will run longer, lay more material, and decrease maintenance costs more than any other commercial class paver.

See What You Pave

Like all Carlson machines, the CP75 is designed with the operator in mind. The intuitive screed mounted controls, a feature that keeps them relative to the operator at all times, enables class leading visibility while providing a platform that operators will find familiar and approachable. Mesh grating allows clear visibility to the auger box for close monitoring of material distribution, while the responsive direct connect cable steering gives operators comfortable control.



Combined with cup holders, tool trays, boot scrapers and locking tool box all standard, the CP75 leads the way in providing operators a more organized, safer and more comfortable platform. The CP75 also makes end of day clean up easier with its standard 6 gallon (22.7L) wash down system and the elimination of material buildup in the undercarriage with its revolutionary High Flow Material Conveyor.



Heavy-Duty

Crew Comfort

CP75 Commercial Paver



Paving Further and Longer

The CP75's material distribution system couples industry leading innovation with durable components. Best-in-class lift angles from its powerful lift cylinders and class leading 8 ton (7.2 metric ton) hopper capacity helps increase productivity while aiding in material flow and cleanup. The CP75 also utilizes the innovative and Carlson unique horizontal sliding damper doors, a design that keeps obstructions such as utility boxes from damaging them while open. This feature gives operators a leading 10" (25.4cm) of ground clearance below the auger box while allowing for narrow width paving from 0-4' by closing the damper doors.



Truly setting the Carlson CP75 apart from similar pavers in its class is its innovative material transfer system. The High Flow Material Conveyor utilizes dual 35 1/2" heat and oil resistant rubberized belts fixed to chain driven slats that effectively and efficiently transfers material to the augers without segregating the mix. A system long used in rear discharge asphalt trailers, the Carlson High Flow Material Conveyor combines the efficiency benefits and 75% horsepower reduction of a rubberized belt with the long lasting durability of traditional chain and slat systems.

A robust and innovative platform, the CP75's hopper and material distribution system couples ease of maintenance with worry-free operation and clean-up so you can focus on the job at hand.

Pave With A Carlson Screed

Carlson, the industry leader in highway class screeds and paving innovations, has incorporated their nearly 30 years of experience in building the next generation of commercial paver screeds. The electrically heated, single slide EZC813 and optional EZC815 screeds utilize Carlson's unique and robust hydraulic extension system that enables extendable width paving from 8'-13' and 8'-15', respectively. With sturdy 2" chrome rods and an adjustable slide track system, movement of extensions is greatly reduced to ensure consistent paving and superb mat quality at any width.



Both the EZC813 and EZC815 are built with many of the same features as their award winning highway class brothers, including full length element hold downs, manual crown, spring loaded endgates and Carlson's innovative deck cones for screed plate adjustments and replacement. State-of-the-art electric heating elements come standard, providing clean, even, and adjustable heat across the main and extension screed plates. Built and backed by the industry's most qualified personnel, the EZC813 and EZC815 are the industry's leading commercial-class screeds, giving a wider range of paving options, greater longevity, better mat quality and more ease of maintenance to contractors.

High Flow Conveyor

EZC Screed

Customize For Success

With a wide array of attachments and options, the CP75 can be customized for any contractor to meet the specific needs of any job. All of Carlson's attachments and options are built with heavy-duty parts to ensure long lifecycles and exceptional performance. Just some of the attachments and options that Carlson offers for the CP75 include:

- ◆ **LED Blade Light:** One of the brightest and most energy efficient industrial-grade construction lighting systems on the market, Carlson's LED Blade Light produces the same amount of light as a 2000 watt halogen light while using 90% less power. With its 12/24v capability, the Blade Light can be attached to your paver or any machine in your fleet for brilliant, fuel efficient lighting for night projects.
- ◆ **7 LED Flood Lights:** The seven fully adjustable 6" LED lights produce 4,000 lumens of high intensity white light. Vibration and weather proof, these durable lights effectively illuminate the work zone and the paver for nighttime operation. When combined with the LED Blade Light, the CP75 becomes the most well lit machine in its class.
- ◆ **Grade And Slope Automation:** Whether you need single grade, dual grade or dual grade with slope, Carlson has operators covered by proudly offering three different producers of automation in TF Technologies, MOBA, and Topcon. With all three automation systems providing operators reliable, rugged and dependable performance, contractors are able to pave more efficiently and easily with these mounted on the CP75.
- ◆ **Other available options include:**
 - * Carlson Safety Edge Endgate
 - * Additional Right Hand Functions
 - * Umbrella
 - * Poly-Pad Track Pads
 - * Power Crown (EZC815)
 - * Screed Mounted Seat
 - * And Many More.



SPECIFICATIONS

DIMENSIONS

Tractor Width (Hopper Sides Up)	8'2" (2.48m)
Tractor Width (Hopper Sides Down)	10'1" (3.07m)
Length	12'5" (3.78m)
Track Ground Contact	58" (1,727mm)
Loading Ramp Angle	Forward 20°, Backward 15°
Machine Weight	16,500lbs (7,462kg)
Hopper Inside Width Opening	10' (3.04m)
Hopper Dump Clearance	24.75" (62.8cm)
Hopper Capacity	8 Tons (7.25 metric tons)
Conveyor Floor Plate Thickness	3/8" (9.5mm) 500 Brinell
Auger Flight Thickness	1/2" (12.7mm) 500 Brinell
Auger Speed Maximum	100rpm
Auger Diameter	9.5" (24.13mm)
Ground Clearance (Below Auger Box)	10" (25.4cm)

CAPACITIES

Fuel Tank	35 gal (132.5L)
Cooling System Capacity	6 gal (22.7L)
Hydraulic Reservoir Capacity	30 gal (113.6L)
Electrical System	12 Volt w/ 95amp Alternator
Generator	10kW Belt Driven

DRIVE AND SCREED (EZC813)

Engine	74 hp Cummins B3.3 Tier IVi
Full Pave	155 fpm (47.2 m/min)
Travel	255 fpm (77.7 m/min)
Reverse	255 fpm (77.7 m/min)
Standard Paving Width	8'-13' (2.43m-3.96m)
Paving Width (Doors Closed)	0'-4' (0-1.21m)
Paving Depth Compacted (Min/Max)	1/4"-8" (6mm-203mm)

