

CP100 II

COMMERCIAL CLASS PAVER



CP100 II

Engine	100hp (74kW) Cummins Tier IVf
Std. Width	8'-15' (2.43-4.59m)
Max Width	17' (5.18m)
Weight	22,000 lbs (9979kg)

CP100 II COMMERCIAL PAVER

Meet the new standard in commercial paver platforms. The all new CP100 II, the next generation of the commercial-class' leading heavy-duty platform, has arrived. Featuring a powerful and reliable Cummins Tier IV Final engine, highway-class wear components and its class's leading screed platform in the EZCSS, the CP100 II delivers a new level of performance and mat quality to contractors.

From small to large-scale commercial paving projects, the CP100 II meets and exceeds the demands of contractors. The platform's versatility and dimensions enables the paver to be utilized in size restrictive areas, such as parking garages, while having the performance and contractor-focus for large-scale parking lot or municipal road applications. The CP100 II is able to do so with its all-new EZCSS 8'-15' screed, the heaviest-duty material distribution system in the commercial class, and a fully rebuildable platform with replaceable auger flights, bolt-on replaceable floor plates and one piece steel frame for longer machine lifecycle. Along with its intuitive controls and availability in 2-man and 3-man configurations, the CP100 II provides contractors a commercial platform unmatched in quality, performance and longevity.



3-Man Option Shown



PERFORMANCE

The 100 hp (74kW) Cummins QSF 3.8 Tier IV Final engine provides responsive power, high torque and low noise for impressive jobsite performance. Coupled with the longest tracks in its class, highway-class wear components, and a fully rebuildable platform, the CP100 II delivers unmatched performance with longer machine lifecycle to commercial contractors.



CONTRACTOR FOCUS

The CP100 II features dual control stations with organized rocker switch placement and dual electric joystick steering for an ergonomic and intuitive platform. The full color, 7" LED touch screed displays at each console provide up to the second gauge information, while allowing full control of material flow rate, screed heat set points and more all at the contractor's fingertips.

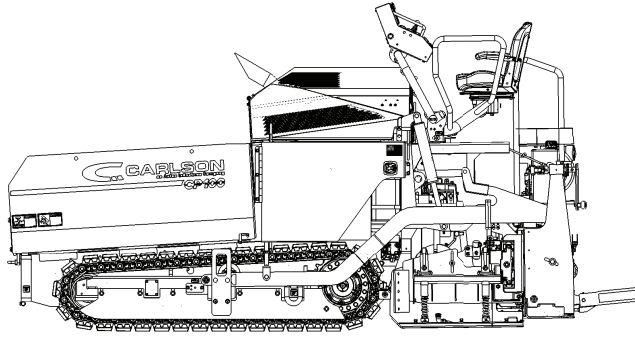


MAT QUALITY

With its single slide extension support system, adjustable slide blocks, 2% tapered design and spring loaded endgates, the EZCSS is a highway-class Carlson screed packaged for the commercial-class. Delivering best-in-class mat quality, the EZCSS can be optioned to the needs of the contractor, including power crown, power slope, power extension height, heated endgates and more.

3-Man Option Shown

94.5 in (2400mm)



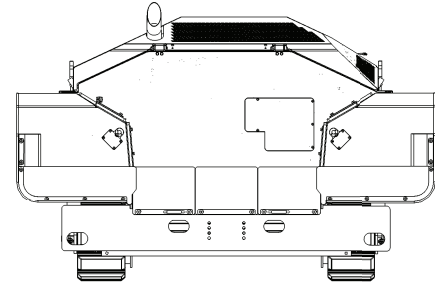
68 in (1727mm)

96 in (2438mm)

167 in (4242mm)

2-Man Option Shown

80 in (2032mm)



86 in (2184mm)

102 in (2591mm)

121 in (3073mm)

DIMENSIONS

Total Weight	22,000 lb (9979kg)
Tractor Weight	18,000 lb (8165kg)
Screed Weight	4,000 lb (1814kg)
Hopper Capacity	9.5 Tons (8.6 tonnes)
Hopper Inside Width Opening	10 ft (3048mm)
Hopper Dump Clearance	21.25 in (540mm)
Load Angles	15° Forward/15° Reverse

COMPONENTS

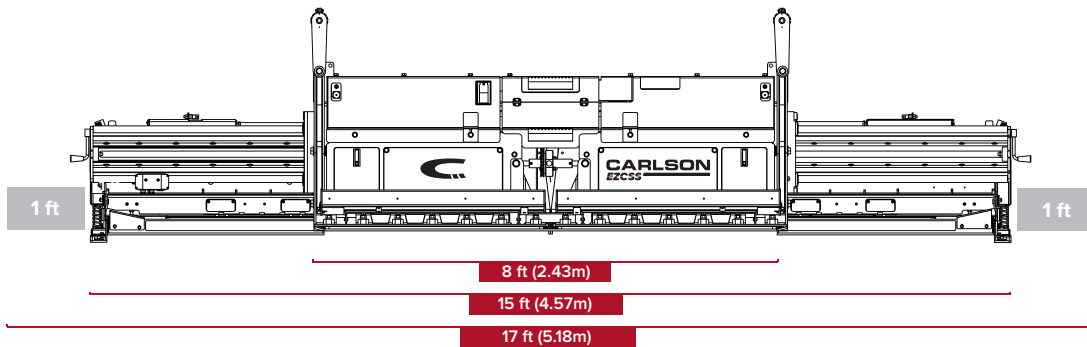
Floor Plate Thickness	3/8 in (9.5mm) 500 Brinell-rated
Conveyor Width	25.5 in (648mm)
Conveyor Speed	42 rpm
Damper Doors	Dual Horizontally Sliding
Auger Diameter	13 in (330mm)
Auger Flight Thickness	7/8 in (22mm) 500 Brinell-rated
Max. Auger Speed	120 rpm

ENGINE

Engine	100hp (75kW) Cummins QSF 3.8
EPA/EU Emissions Standard	Tier IV Final/EU Stage IV
Drive System	2 Speed Planetary
Track Type (Standard)	14" (356mm) Poly-Pad
Max Pave Speed	145 fpm (44.2m/min)
Max. Travel Speed	255 fpm (78m/min)
Max. Reverse Speed	255 fpm (78m/min)

CAPACITIES

Fuel Tank	32 gal (121L)
DEF Tank	5 gal (19L)
Hydraulic Tank	22 gal (83.3L)
Cooling System Capacity	7 gal (26.5L)
Washdown Tank	6 gal (22.7L)
Electrical System	12v w/ 80 amp Alternator
Generator	14.4kW Belt Driven



1 ft

1 ft

8 ft (2.43m)

15 ft (4.57m)

17 ft (5.18m)

EZCSS SCREED

Standard Paving Width	8 ft-15 ft (2.43-4.59m)
Max. Paving Width	17 ft (5.18m)
Paving Depth (Min/Max)	.25-8 in (6mm-203mm)
Main Plate Depth	16 in (406mm) Center 14 in (356mm) Edge
Main Plate Thickness	3/8 in (9.5mm) 450 Brinell Rated
Extension Plate Depth	8 in (203mm)
Extension Plate Thickness	3/8 in (9.5mm) 450 Brinell Rated

Screed Heat Source	Electric Heating Elements
Endgates	Spring Loaded
Crown Adjustment	Manual Adjustment (Power Option)
Crown/Invert	3 in (76mm) / 1 in (25mm)
Extension Height Adjustment	Manual Adjustment (Power Option)
Extension Height Travel	1.75 in (44.45mm)
Power Slope Adjustment	9% Down
Vibration	0-3000 vpm

*OPTIONAL EQUIPMENT

02-1217

CP100



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