

# CP100 II

## Commercial Class Asphalt Paver



### EZCSS Screed

- The EZCSS has a standard paving width of 8 - 15 ft, a maximum paving width of 17 ft, and features the Astec exclusive high-strength single-slide extension support, a system used by the EZIV front-mount screed. Complete with leading features including 2% screed taper, adjustable slide blocks, deck cone leveling, spring-loaded endgates and more.

### Control Stations

- Features two control stations allowing full control of the platform from either side. Each operator console comes standard with electric over hydraulic steering joysticks, intuitive rocker switch functions and 7 in full color LED displays. The control stations are available in two-man and three-man configurations. In the two-man configuration, the platform's control consoles are screed mounted, always keeping them relative to the operator. When in the three-man position, the CP100 II features seats and operator stations able to pivot 45° outwards for maximum visibility.

### Horizontal Sliding Damper Doors

- This feature keeps obstructions such as utility boxes from damaging them while open, the horizontal sliding doors are infinitely adjustable for utilization during wide width paving, utility cut applications or fully closed for transport across the jobsite.

### Options

- The CP100 II is available with a wide array of options that enhance the performance, versatility and comfort of the platform. From integrated berm and power crown to tunnel kits and hydraulic truck hitch, the CP100 II can be customized to the needs and wants of the contractor. Paver options can be retrofitted at a later date, allowing contractors to customize their platform to suit the needs of their paving applications at any time.

## Physical and Operating Characteristics

Dimension	Standard	Metric
Standard Paving Width	8 ft to 15 ft	2.43 m to 4.59 m
Maximum Paving Width	17 ft	5.18 m
Paving Depth	.25 in to 8 in	6 mm to 203 mm
Main Plate Depth	16 in at Center / 14 in at Edge	406 mm at Center / 356 mm at Edge
Main Plate Thickness	.375 in 450 Brinell Rated	9.5 mm 450 Brinell Rated
Extension Plate Depth	8 in	203 mm
Extension Plate Thickness	.375 in 450 Brinell Rated	9.5 mm 450 Brinell Rated
Screed Heat Source	Electric Heating Elements	
Endgates	Spring-Loaded	
Crown Adjustment	Manual Adjustment	
Crown/Invert	3 in/1 in	76 mm/25 mm
Extension Height Adjustment	Manual Adjustment	
Vibration	0-3000 VPM	
Engine	100 hp Cummins QSF 3.8	74 kW Cummins QSF 3.8
EPA Emissions Standard	Tier IV Final	EU Stage IV
Drive System	2 Speed Planetary	
Track Type (Standard)	14 in Poly Pad	356 mm Poly Pad
Max Pave Speed	155 fpm	47.2 m/min
Max Travel Speed	255 fpm	78 m/min
Max Reverse Speed	255 fpm	78 m/min

Dimension	Standard	Metric
Fuel Tank	32 gal	121 L
DEF Tank	5 gal	19 L
Hydraulic Tank	22 gal	83.3 L
Cooling System Capacity	7 gal	26.5 L
Washdown Tank	6 gal	22.7 L
Electrical System	12 V w/ 80 amp Alternator	
Generator	14.4 kW Belt Driven	
Floor Plate Thickness	.375 in 500 Brinell-rated	9.5 mm 500 Brinell-rated
Conveyor Belt Width	25.5 in	648 mm
Conveyor Speed	42 rpm	
Damper Doors	Dual Horizontally Sliding	
Auger Diameter	13 in	330 mm
Auger Flight Thickness	.875 in 500 Brinell-rated	22 mm 500 Brinell-rated
Max. Auger Speed	135 rpm	
Length	167 in	4242 mm
Width	121 in	3073 mm
Height	94.5 in	2400 mm
Total Weight	22,000 lb	9979 kg
Tractor Weight	18,000 lb	8165 kg
Screed Weight	4,000 lb	1814 kg
Hopper Capacity	9.5 Tons	8,6 tonnes
Hopper Inside Width Opening	10 ft	3048 mm
Hopper Dump Clearance	21.25 in	540 mm
Load Angles	15° Forward/15° Reverse	