



CP-100 COMMERCIAL PAVER

SMALL PAVER,

BIG RESULTS



KEY FEATURES

HEAVY DUTY AUGER AND CONVEYOR COMPONENTS

POWERED BY A 100HP CATERPILLAR TIER IV ENGINE

REPLACEABLE (3/8") HARDOX CONVEYOR PLATES

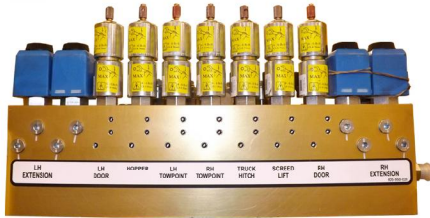
BUILT BIGGER, BETTER, AND LONGER LASTING



CP-100 COMMERCIAL PAVER

POWER SYSTEM

The CP-100 is powered with a Caterpillar Tier IV engine, providing better fuel economy with more horse power than previous pavers. Couple this with a load sense hydraulic system that provides flow and pressure only when demand requires it helps make the CP-100 one of the most fuel efficient, whisper quiet, highest quality commercial pavers on the market.

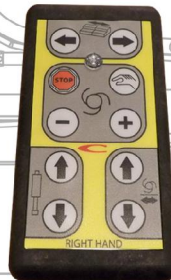


MATERIAL DISTRIBUTION

Augers and conveyors are all independently driven by chains that are 25% stronger than pavers in this class. Material is delivered by two horizontally sliding damper doors with adjustable hardened guides for maximum life. Carlson is the only manufacturer with horizontal sliding doors and this design keeps obstructions from damaging them when open.

CONTROLS

Every CP-100 paver comes standard with dual control stations with intuitive switch placement for easier operation, wireless remotes, backlit controls and direct connect cable driven steering. Each control station is able to pivot vertically and horizontally to provide optimal operator comfort and visibility.



USER FRIENDLY

The CP-100 comes with an easy to read digital information center for engine monitoring and diagnostics. The one piece forward tilting hood allows for ease in maintenance and serviceability.



HOPPER

Hoppers are 1/2" thick wall heavy duty steel and provide a large 8.5 ton capacity. They also contain an integrated lock and have robust lift cylinders to provide lift angles that exceed the competition and help in material flow. A flip up front apron with integrated handles will make the end of day clean up EZ.

EZ SCREED

Carlson used their 25 years of experience to build the next generation of commercial paver screeds. The EZ screed is available exclusively on the CP-100. Built with deck cones, full length element hold downs, manual crown and an adjustable slide track system sliding on 2" chrome rods.

This is the best screed in the industry;
A little brother to the highway class screeds
you have known for years.

SPECIFICATIONS

DIMENSIONS

Tractor Width (Hopper Sides Up)	8' 2.5" (2.5m)
Tractor Width (Hopper Sides Down)	10' 1" (3.08m)
Gage Width (Center to Center of Tracks)	76" (1,930mm)
Wheelbase (Ground Contact)	68" (1,727mm)
Loading Ramp Angle	Forward 20°, Backward 15°
Length	13' 11" (4.24m)
Paver Weight	16,450lbs (7,462kg)
Screed Weight	2,750lbs (1,247kg)
Hopper Inside Width Opening	10' (3.04m)
Hopper Dump Clearance	27" (685.8mm)
Hopper Capacity	8 1/2 Tons (7.7t)
Conveyor Floor Plate Thickness	3/8" (9.5mm) Hardox
Auger Flight Thickness	3/4" (19.0mm)
Auger Speed Maximum	110rpm

CAPACITIES

Fuel Tank	30gal (113.6L)
Cooling System Capacity	11qts (10.4L)
Hydraulic Reservoir Capacity	45gal (170.3L)
Electrical System	12 Volt w/ 80amp Alternator

DRIVE

Engine	100 HP Caterpillar 3.4B Tier IV
EZ-Pave	105rpm (32m/min)
Full Pave	155rpm (47m/min)
Travel	230rpm (70m/min)
Reverse	230rpm (70m/min)
Standard Paving Width	8' (2.43m)
Paving Width (Min/Max)	4' - 17' (1.21m - 5.18m)
Paving Depth Compacted (Min./Max)	1/4" - 8" (6mm - 203mm)

CARLSON PAVING PRODUCTS, INC. an Astec Industries Company

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