

EZIV Front Mount Screed



- ◆ Available In 8'-15' And 10'-19' Platforms For Most Tractors Built By The Major Paver Manufacturers
- ◆ High Strength Single Slide Extensions For Wide Widths Without Flexing And Less Wear Parts
- ◆ Fully Adjustable Main And Extension Screed Plates Through Use Of Carlson's Deck Cone System
- ◆ Patented Front Taper Design Keeps Fluid Material Flow And Even Heads Of Material
- ◆ The Most Standard Crew Comfort Features With Cup Holders, Built-In Oven, Shovel Holders And More

The Industry Leader For Wide Width Paving Perfection



A Winning Platform

For nearly 30 years, Carlson Paving Products has been on the forefront of paving innovations and the leader in highway class screed technology enabling it to develop the most award winning screed in the industry: the EZIV Front Mount Screed. A platform that has helped win numerous Sheldon G. Hayes Awards and other accolades for paving excellence, no other screed in the industry is more recognizable, or more recognized, than Carlson's EZIV. Combining legendary performance, unmatched innovation, and unwavering support from the industry's most qualified personnel, contractors have a proven platform for success and the industry leader for wide width ability in the EZIV.



Class Leading Innovations

Not all screeds are designed and built equally. Standing above and apart from screeds in its class, the EZIV is engineered and built with industry leading features and user-friendly innovations. The EZIV is built with a 2% taper of the main and extensions, a patented Carlson design that improves outboard material flow whether the augers are operating or not. The 24 inch deep main screed plate, made of 450 Brinell rated steel, enables flatter angle of attack equating to increased screed surface contact with material for better mat quality and longer plate lifecycles. Coupled with 3 state-of-the-art electric heating elements per side of the main and in each extension, the EZIV combines exceptional material extrusion and flow for unmatched mat quality.



The EZIV is built with 50 individual cone adjusters that enable owners to increase plate stability with infinite adjustability of the main plate to maximize lifecycle and mat quality. Coupled with all the screed's electrical and hydraulic plumbing elevated, adjustment and replacement of screed plates is made accessible and easier. The strike offs of the EZIV are tightly fitted to the main screed, as well as extensions, and are above the plates. This allows little to no damage to occur when obstructions, such as catch basins and water shutoffs, are bumped or hit due to poor elevation.

Uncompromising Strength At All Widths

Combining rigidity, simplicity and innovation, the EZIV's extension support system is an industry leader. Utilizing a single slide track with fewer wear parts, the EZIV is able to extend to wide widths with less flexing. This rigidity is compounded by the use of a high strength tubular frame to support the extension while the 2 inch chrome rods give fluid inboard and outboard motion.



The EZIV's slide extensions are able to maintain their integrity, in part, due to that largest single slide track bushing in the industry for the most surface support. Carlson's single slide track bushings are also adjustable, aiding in maintaining extension rigidity while reducing lifecycle costs. With its tapered extension bodies allowing full retraction without pinching or trapping material, deck cones for extension screed plates and fixed adjustable fixed slope stop, the Carlson EZIV sets new heights for extension rigidity and hydraulic extendable paving innovation.

EZIV Front Mount Screed



Recognized Wide Width Ability

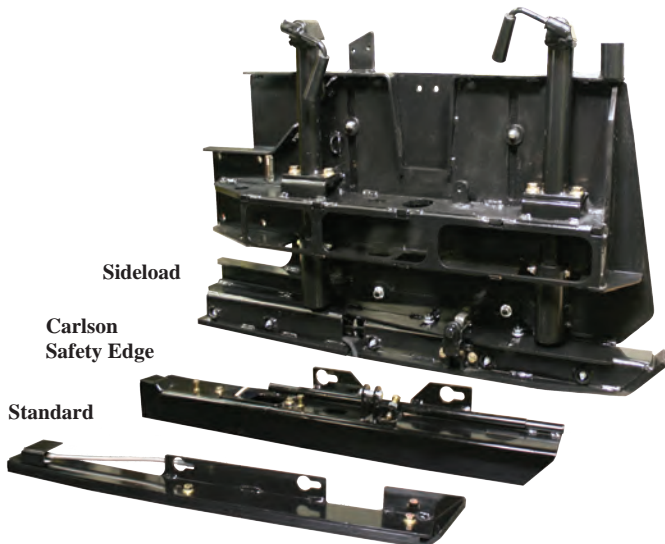
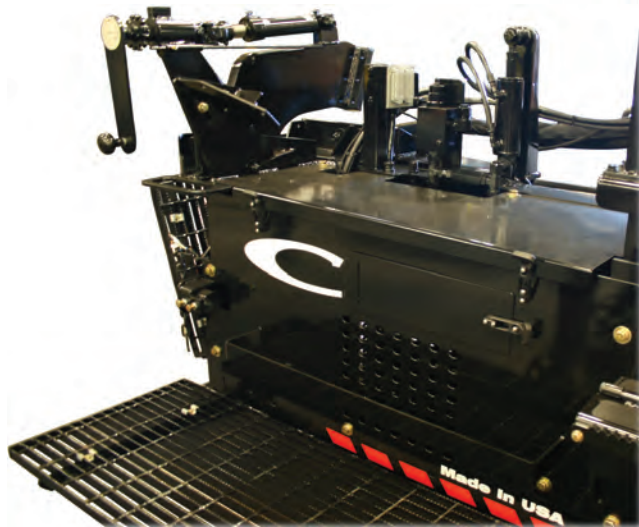
From interstates to runways, the Carlson EZIV has proven itself to be the most capable and reliable front mount screed for wide width paving applications, earning it the distinction of being the contractor's choice for such jobs. With the EZIV08's ability to stretch to 22 feet with bolt-ons and the EZIV10's capability of 26 feet, contractors are able to hit a wide range of widths while continuing to achieve unmatched mat quality. With no need of changing out bermed plates for building out to wide widths, a feature that greatly reduces setup downtime, the EZIV simplified bolt-on installation. Simplification of bolt-on attachment is furthered by the EZIV's hydraulically adjustable extension body lowers for match height and easily accessible outlets for attachment power.



Available for the EZIV are Carlson's two styles of innovative and adjustable bolt-ons. The dual piece bolt-on allows the lower portion of the attachment to bolt directly to the lower extension body, giving it free motion to adjust vertically with the extension. The single piece utilizes 4" chrome rods to provide maximum support, a unique feature of the 24" bolt-on. With easy-use adjustment points for angle of attack and vertical height, the single piece bolt-on gives operators reliable performance with user friendly operation. Add the wide width kit and contractors are able to pair the industry's leading heated bolt-ons with extra support to the industry's wide width leader, the Carlson EZIV.

Built For Operators

While the Carlson EZIV has earned a reputation for consistent mat quality, it has also been recognized for its unmatched attention to the needs and wants of operators. From its standard cup holders to wide walkways, the EZIV allows operators to work safely and more organized around the platform. With the popular built-in oven, 110v outlets, shovel holders and more all standard with every machine, the EZIV continues to lead the way in standard crew conveniences and comfort features.



New EZIV's also give operators enhanced versatility with the V3 Endgate platform, a revolutionary design allowing quick changes of runners to suit the requirements of any job. Whether the project calls for joint matching, Safety Edge or better longitudinal joint density, the V3 endgate's design and heated runners give contractors a proven platform for increasing productivity and decreasing downtime by changing just the shoes rather than entire endgates.

Wide Width Paving

Operator Focus

Customize For Success

With a wide array of attachments and options, the EZIV can be customized for any contractor to meet specific needs of jobs. 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 include:

- ◆ **Patented 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. An all-in-one platform able to be powered by AC or DC power, the Blade Light can be attached to your screed, paver or any machine in your fleet for brilliant, fuel efficient lighting for night projects.
- ◆ **Patented Carlson Safety Edge:** Create 30° compacted road edges with Carlson's renowned Safety Edge attachment. With its jack, the Carlson Safety Edge can go from 30° to flat with just a few turns of the handle to match joints. The Carlson Safety Edge comes with an electric heating element that aids in the extrusion of material creating clean, compacted edges for safer roads.
- ◆ **Patented 4 Inch High Density Bolt-on & Sideload Attachment:** Combining up to four times angle of attack with the 4" bolt-on and up to four times edge compaction with the Sideload attachment enables contractors to achieve higher density figures at the longitudinal joint. Built with electric heating elements, simple adjustment points and heavy duty materials, these revolutionary attachments are the answer to poor joint density.
- ◆ **Other available options include:**
 - Integral Berm Builder
 - 6 Zone Digital Electronic Heat Control
 - Factory Installation
 - EZ Telescoping Auger Tunnel
 - Field Installation
 - Wide Width Kit
 - And Many More.



SPECIFICATIONS

EZIV08

Standard Paving Width	8 ft. (2.44m)
Extended Paving Width	15 ft. (4.57m)
Maximum Paving Width	22 ft. (6.7m)
Extension Slope Down	9%
Vertical Height Adjustment	Hydraulic
Maximum Berm Height	4 in (10.16cm) On Outside Edge
Berm Width Available	12 in. (30.48cm), 18 in (45.72cm)
Power Crown	2.5 in (7.6cm) Positive 1.5 in (3.8cm) Invert
Main Screed Plate Thickness	.50 in (12.7mm) Brinell 450
Extension Screed Plate Thickness	.50 in (12.7mm) Brinell 450
Screed Weight	6,250 lbs (2835 kg)
Walkway Width	20.5 in (52.07cm) Hinged
Power Outlets	120 Volt @ 1200 Watts While Heating
Number Of Power Outlets	4

EZIV10

Standard Paving Width	10 ft. (3.05m)
Extended Paving Width	19 ft. (5.78m)
Maximum Paving Width	26 ft. (7.9m)
Extension Slope Down	9%
Vertical Height Adjustment	Hydraulic
Maximum Berm Height	4 in (10.16cm) On Outside Edge
Berm Width Available	12 in. (30.48cm), 18 in (45.72cm)
Power Crown	2.5 in (7.6cm) Positive 1.5 in (3.8cm) Invert
Main Screed Plate Thickness	.50 in (12.7mm) Brinell 450
Extension Screed Plate Thickness	.50 in (12.7mm) Brinell 450
Screed Weight	7,000 lbs (3175 kg)
Walkway Width	20.5 in (52.07cm) Hinged
Power Outlets	120 Volt @ 1200 Watts While Heating
Number of Power Outlets	4

