

EZV Front Mount Screed

Elevating Versatility Of Highway Class Platforms



- ◆ 10'-19.5' Platform Available For Most Tractors Built By The Major Paver Manufacturers
- ◆ Ability Of Hydraulic Extension Paving Up To 25' And Up To 30' As A Fixed Width Platform
- ◆ High Strength Single Slide Extensions For Wide Widths Without Flexing And Less Wear Parts
- ◆ Equal Width Extensions Allow For Crowning And Inverting To Be Dead Of Center On Each Pass
- ◆ The Most Crew Comfort Features Standard With Cup Holders, Built-In Oven, Shovel Holders, LED Lights And More



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Innovation

Raising The Bar For Versatility And Performance

For nearly 30 years, Carlson has produced the most award winning, recognizable and innovative screeds in the industry. This long tradition has culminated in Carlson's newest and most innovative front mount screed: the EZV. Combining two platforms in one with hydraulic extendable and fixed width paving ability, the EZV is raising the bar for front mount versatility and performance. Coupled with the most robust extension support system in its class, renowned Carlson innovations, and unmatched attention to the needs and wants of operators, the EZV gives operators a level of paving performance and mat quality only found in Carlson platforms.



Adjustability

Class Leading Innovations

Not all screeds are designed and built equally. Standing above and apart from screeds in its class, the EZV is engineered and built with industry leading features and user-friendly innovations. The EZV 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 26 inch deep, one piece bullnose main screed plate, is made of 450 Brinell rated steel and enables flatter angle of attack. This feature equates to increased screed surface contact with material for better mat quality and longer plate lifecycles. Coupled with 4 state-of-the-art electric heating elements per side of the main and elements in each extension, the EZV combines exceptional material extrusion and flow for unmatched mat quality.

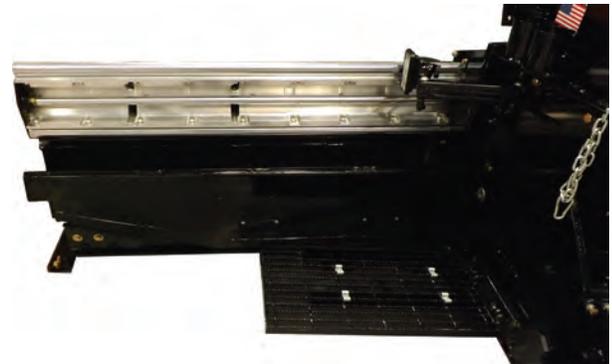


The EZV is built with 50 individual cone adjusters that enable owners to increase plate stability with infinite adjustability of the main plate to maximize lifecycle and mat quality. Coupled with all the screed's electrical and hydraulic plumbing elevated, adjustment and replacement of screed plates is made accessible and easier. The strike offs of the EZV 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.

Extensions

Unrivaled Extension Support

Designed and manufactured with the most rigid extension support system in the industry, the EZV combines legendary Carlson single slide technology, a feature that comprises of fewer wear parts and less flexing, with a high strength extruded aluminum support between the chrome rods. This feature gives the EZV 200% increased strength compared to the Carlson EZIV, the industry standard for wide width paving and superior extension support.

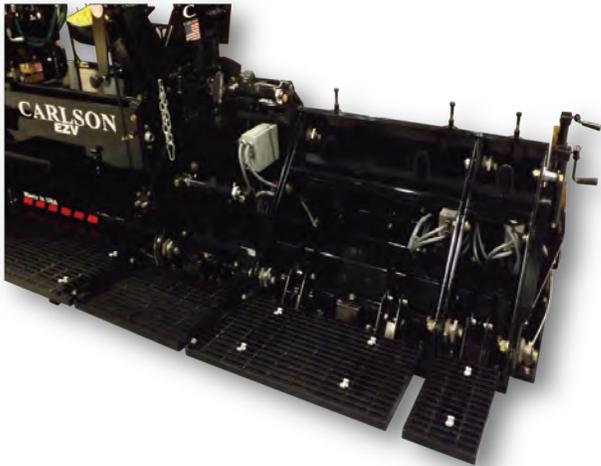


The EZV's extensions are able to maintain their integrity, in part, due to the largest single slide track bushing in the industry for the most surface support. Carlson's single slide track bushings are also adjustable, aiding in maintaining extension rigidity while reducing lifecycle costs. Unlike other screeds in its class, the EZV uses a single hydraulic cylinder per side that is able to slope with the extension, always keeping the cylinder parallel with the chrome rods.

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Widening Paving Possibilities

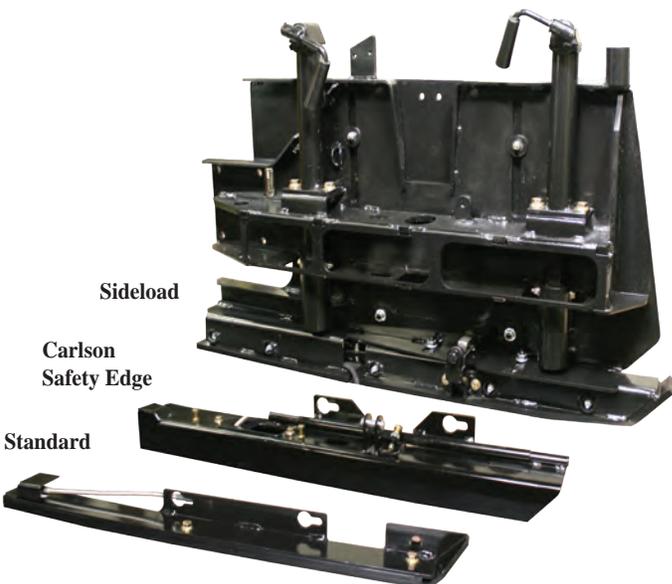
Setting the EZV apart from similar screeds in its class is its unique versatility that enables contractors to pave as either a hydraulically extendable platform or fixed width machine. The exceptional strength and rigidity of the extension support system allows contractors to build the EZV out to 25 feet with heated bolt-ons. With no need of changing out bermed plates for building out to wide widths, a feature that greatly reduces setup downtime, the EZV simplifies bolt-on installation. This is aided further by the EZV's hydraulically adjustable extension body lowers for match height and easily accessible outlets for attachment power.



As a fixed width platform, contractors are able to maximize the EZV's robustly built platform and high strength bolting pattern to build out to 30 feet with Carlson's Rigid EZ Lock bolt-ons. Available in 12" and 36" heated bolt-ons, as well a 24" crownable heated bolt-on, these extensions combine heavy duty components with ease of use. Built with state-of-the-art electric heating elements, single piece bullnose plate, tightly fitted adjustable strike offs and screed plates made from 450 Brinell rated steel, the Rigid EZ Lock bolt-on's provide exceptional material extrusion and mat quality over a long lifecycle. Fold down walkway extensions help improve monitoring of performance and create a more comfortable wide width platform.

Built For Operators

Designed with Carlson's long tradition of unmatched attention to the needs and wants of operators, the EZV comes with more standard crew comfort features than other screeds in its class. With its integrated LED lights for nighttime paving, conveniently located cup holders, 110v outlets, locking toolbox covers, depth rod holders, level holders and much more, the EZV creates an ergonomic platform that is comfortable, safer and more organized to help contractors perform at the highest level.



Sideload

Carlson
Safety Edge

Standard

The EZV also gives 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.

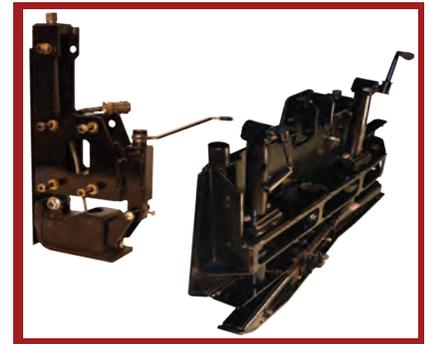
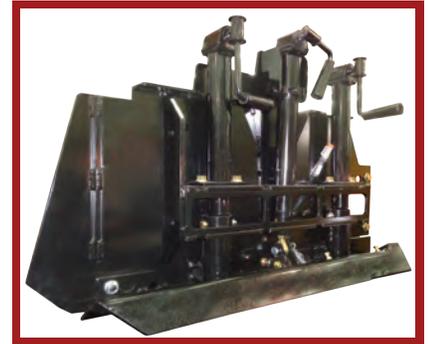
Wide Width Paving

Operator Focus

Customize For Success

With a wide array of attachments and options, the EZV can be customized for any contractor to meet specific needs of their 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. With its 110/240v and 12/24v capability, 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:**
 - Hydraulic Berm Builder
 - 4 Function Handheld Remote
 - 12" Bolt-on Tapered Notch
 - Walkway Vibration Reduction Pad Kit
 - Rigid EZ Lock Extensions
 - Wide Width Kit
 - And Many More.



SPECIFICATIONS

Dimensions

Screed Width (With Endgates)	10.5' (3.28m)
Screed Weight	7,500 lbs (3742kg)
Main Screed Plate Depth	26" (66.04cm)
Main Screed Plate Thickness	.50 in (12.7mm) 450 Brinell
Extension Screed Plate Depth	10" (25.4cm)
Extension Screed Plate Thickness	.50 in (12.7mm) 450 Brinell
Power Outlets	120v @ 2000 Watts While Heating
Number of Power Outlets	4
Walkway Width	20.5" (52.07cm)
Integrated LED Lights	4 @ 4000 Lumens Each

Paving

Standard Paving Width	10' (3.05m)
Extended Paving Width	19.5' (5.9m)
Maximum Paving Width (With Bolt-Ons)	25' (7.6m)
Maximum Fixed Width Paving Width	30' (9.1m)
Power Crown (With Individual Lead And Tail Adjustment)	2.5" (63.5mm) Crown 1.5" (38.1mm) Invert
Max Extension Slope	9%
Vertical Height Adjustment	Hydraulic
Vibration (Adjustable)	0-3000 vpm
Vibration Motors	4

Materials and specifications are subject to change without notice. Featured machines and photos may include optional equipment. 2015 Carlson.

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