

Full Product Line

ROADTEC
an Astec Industries Company



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ASTEC INDUSTRIES, INC.

Roadtec — An Astec Industries Company

Roadtec, Inc. is proud to be a part of the family of companies that make up Astec Industries, Inc. Founded in 1972, Astec Industries has grown to become America's leading manufacturer of equipment for asphalt road building, aggregate processing, oil, gas and water well drilling and wood processing. Roadtec continues to be an industry leader together with Astec Industries, by applying Astec's model of creative thinking bolstered by a corporate culture renowned for putting customer service first.



THE ROADTEC DIFFERENCE: DELIVERING QUALITY AND INNOVATION WITH SUPERIOR CUSTOMER SERVICE

Dependability

Roadtec has been manufacturing innovative, heavy-highway equipment since 1981. We continue to grow and add new products, yet our personal connection to our customers and our ability to respond immediately to your needs is even stronger.

Customer Service

Our customers benefit from our strong focus on customer support after the sale. Field service technicians live in the regions where they work, and respond quickly. 24/7 parts support will get you the right parts fast, and at a fair price. Our product specialists will train your team on any newly purchased machine. We also offer industry-leading training at our state-of the art training facility and in the field.

Count on Roadtec Equipment

We don't build roads. We make the equipment so you can cost-effectively build and maintain the world's roads. With the Roadtec heavy-duty design, we are able to keep your machine working longer while lowering maintenance and operating costs. We make your operators more comfortable and confident with our user-friendly design and our customization for special projects.

ASPHALT PAVERS

RP-170e/ex

8' Highway Class Rubber Tire Paver

The RP-170e/ex is an 8' (2.5 m) wide rubber-tire asphalt paver with a compact wheelbase for greater maneuverability without sacrificed performance. The RP-170e/ex can achieve a 30-inch turning radius, with the only industry standard steering assist engaged, which is helpful for managing those tight spots around barriers and drains.





RP-175e/ex

8' Highway Class Rubber Track Paver

The RP-175e/ex is a powerful, compact 8' (2.5 m) wide rubber-track asphalt paver designed to work in all types of sub-grades and paving applications. Full counter-rotate ability and track flotation allow the RP-175e/ex to maneuver and pave in tight areas without sacrificing tractive effort or pushing power.



RP-190e/ex

10' Highway Class Rubber Tire Paver

The RP-190e/ex rubber-tired pavers have great maneuverability, ride quality, and traction. Two large rear drive tires are steered by sets of tandem bogie assemblies, and the offset bogie assemblies increase the ground pressure gradually for less risk of rutting. Dry disc brakes on both wheels, hydraulic braking, and a parking brake give you precise control during operation.

RP-195e/ex

10’ Highway Class Rubber Track Paver

The RP-195e/ex track system gives a smooth ride on a large footprint with excellent flotation and traction. Smooth-tread rubber tracks are 18” (457 mm) wide with one of the longest footprints available. An automatic hydraulic tensioning system keeps constant, even tension on the tracks, and oscillating bogies provide even pressure along the track and give a smooth ride.







SP-100e

10’ Gravity Fed Paver

The SP-100e Stealth™ paver is a simply designed, low-maintenance gravity-fed paver specifically for operating with the Roadtec Shuttle Buggy® material transfer vehicle. Gravity feeds the material directly to the auger from the mass flow hopper, replacing the need for slat conveyors, hopper wings, push rollers and tandem front boggies, thereby significantly reducing maintenance costs and initial purchase price.

SP-200e

10’ Spray Paver

The SP-200e Spray Paver sprays tack and applies hot mix asphalt seconds later. Combining spraying and laydown produces a high-quality mat with a strong bond between layers. A spray bar just in front of the paver’s auger distributes the liquid through computer-controlled, self-cleaning valves. An onboard microprocessor precisely controls the rate of flow. To cut down on refill stops, the SP-200e is equipped with a 2,100 gallon (7650 L) tack tank.

MATERIAL TRANSFER VEHICLES (MTVS)

SB-2500e/ex

Material Transfer Vehicle - 25 Ton Storage

The SB-2500e/ex Roadtec Shuttle Buggy® material transfer vehicle can store and transfer hot-mixed asphalt material from a truck to a paver for continuous paving. A patented anti-segregation auger remixes materials just before they are delivered to the asphalt paver. The 25-ton (22.7 mt) surge capacity of the Shuttle Buggy® MTV helps prevent crew stoppages due to truck delays.



SB-1500e/ex

Material Transfer Vehicle - 15 Ton Storage

The Roadtec Shuttle Buggy® material transfer vehicle SB-1500e/ex features a low weight and narrower wheel base. It can store up to 15 tons (13.6 mt) of asphalt mix, allowing haul vehicles to unload as soon as they arrive. This substantially reduces trucking costs. The SB-1500e/ex features an end dump hopper or an optional windrow pickup head. It also features the patented anti-segregation auger which remixes materials for control of aggregate and temperature segregation.



MTV-1100e

Material Transfer Vehicle - Wheeled

The MTV-1100e wheeled material transfer vehicle is capable of transferring hot mix to assist in non-contact, non-stop paving. An innovative platform design for the MTV-1100e creates open space for great visibility all around the machine as well as providing easy communication among your crew. Staircases on either side of the machine make crossing the paving line safer by keeping people out from between heavy equipment.



MTV-1105e

Material Transfer Vehicle - Tracked

The MTV-1105e tracked material transfer vehicle, like the larger Shuttle Buggy models, is capable of transferring hot mix to assist in non-contact, non-stop paving. The unique tracked undercarriage of this machine makes it perfect for soft bases or applications that need high tractive effort. Staircases on either side of the machine make crossing the paving line safer by keeping people out from between heavy equipment.



COLD PLANERS

RX-100e

Small Utility Cold Planer

The RX-100e is a small utility cold planer built for narrow milling and small construction projects. A tight turn radius and excellent visibility allows for incredible maneuverability and production in tight areas. With a cut depth of up to 8" (203 mm) and cut width of 20" (508 mm), the RX-100 is perfect for milling around manhole covers, curbs and other tight spots.





RX-300e/ex

Compact Cold Planer

The RX-300e/ex cold planer combines maneuverability with high performance to easily operate in a wide range of applications. With a base cutting width of 48" (1.2 m) and the capability of cutting up to 12" (305 mm) deep, the RX-300e/ex is excellent for both commercial applications and narrow milling projects.



RX-600e/ex

Half-Lane Cold Planer

The RX-600e/ex is available with three-track or four-track assemblies. The versatile machine allows the contractor to cut up to 13" (330 m) deep with width of 6'3" (1.9 m), 6'7" (2 m), or 7'2" (2.2 m). The RX-600e/ex is light and maneuverable for urban situations. A two-stage front loadout conveyor, with 60° swing to either side, provides ample loading capacity.

RX-600eLR

Half-Lane Cold Planer

The RX-600eLR is a half-lane cold planer with the exemplary feature of being a dual flush cut machine. The RX-600eLR drives the cutter drum with two hydraulic motors eliminating the typical wide belt drive that typically prevents cutting flush on the left side. The dual flush cut capability allows the operator to mill left hand shoulders, or along obstacles such as barrier walls without working against the flow of traffic.



RX-700e/ex

Half-Lane Cold Planer

Built with the Roadtec focus on balanced weight distribution, the RX-700e/ex is a heavy-duty machine which is also user-friendly in both operation and maintenance. The RX-700 cuts up to 14" (356 mm) deep with standard widths of 6'7" (2 m), 7'2" (2.2 m), 8'2" (2.5 m), and 10'6" (3.2 m).



RX-900e/ex

Half/Full Lane Cold Planer

The RX-900e/ex is the most productive cold planer available. Power and heavy-duty construction make the RX-900e/ex the tool to own for high-productivity, half-lane or full-lane milling. This cold planer is available with either three-track or four-track assemblies. The machine cuts up to 14" (356 mm) deep and can be outfitted to work with different cutting widths. Standard widths are 7'2" (2.2 m), 8'2" (2.5 m), 12' (3.7 m), 12'6" (3.8 m), and 13' (4 m).



COLD-IN-PLACE RECYCLING



RT-500

Cold-in-Place Recycle Trailer

The RT-500 is a top-of-the-line mobile recycle trailer that can either be fed and pulled by an RX-900 for Cold-In-Place Recycle or set up on a site as a Cold Mobile Mix Plant. With a rating of 500 tph it is capable of recycling miles of road in an extremely short amount of time. The advantage of the RT-500 is its closed loop sizing, thanks to the onboard vibratory screen and horizontal shaft impact crusher. This also prevents you from having to pre-process your RAP when you use the RT-500 as a cold-mix plant.



CIR Cold Planers

Emulsion Package for CIR

The RX-600, RX-700 and RX-900 milling machines can be equipped with bolt-on packages that allow them to be used for Cold-In-Place Recycle (CIR). Down cutting improves the control of material sizing and is advantageous in CIR applications. An additive spray bar is mounted on the cutter housing to inject emulsion or foamed asphalt into the cutter housing. The additive is then thoroughly blended with the milled material by the cutter drum and can be left in a windrow or fed by the conveyor directly into a paver.



BROOMS

FB-100e

Heavy-Duty Front-Mount Broom

The FB-100e was designed from top to bottom to be a resilient, high performance machine. It's constructed the Roadtec way: solid, dependable, and durable. With axle capacities of 14,000 lbs (6,350 kg), this machine is twice the strength of competitive models. The telescoping broom head, the front-mounted FB-100e model allows the operator to switch brooms quickly. Oil bath sealed brakes come standard to increase the wear life and decrease operating costs.



CB-100e

Heavy-Duty Conveyor Broom

The CB-100e is a conveyor broom designed to pick up fine material from a milled surface and place it in a truck. This broom includes a robust folding conveyor design for efficient transfer of fine material from the road to the truck. The CB-100e is powered by a 99 hp (75 kW) Kubota engine.



SOIL STABILIZERS / ROAD RECLAIMERS

SX-2e

Soil Stabilizer/Reclaimer (rear mount)

The SX-2e is a task-specific soil stabilizer with a rear mount cutter designed to perform small to medium sized projects with ease and reliability. The machine's 380 hp (283 kW) is carefully distributed to produce quality results in a number of project environments. The SX-2e has a 78" (2 m) cutter housing that is positioned behind the tractor for excellent mobility.



SX-6e/ex

Mid-Size Soil Stabilizer/Reclaimer

The mid-size SX-6e/ex offers a rare combination of power and mobility allowing it to excel in different applications. The SX-6e/ex is equipped with a high performance 6-cylinder diesel engine that provides power to the rotor through a direct drum drive. The machine is equipped for cutting up to 20" (508 mm) deep and 96" (2.4 m) wide. Whether performing road rehabilitation, cold recycling, or soil stabilization, the Roadtec SX-6e/ex will meet and exceed your expectations.



SX-8e

Full-Size Stabilizer/Reclaimer

The high-performance SX-8e/ex soil stabilizer-reclaimer combines power with a large working width and depth, making it ideal for the toughest soil stabilization jobs. The machine is capable of cutting up to 20" (508 mm) deep and 100" (2.5 m) wide. Four cutting speeds and right-hand flush cut allow you to use the SX-8e/ex for a range of projects.



SERVICES

Guardian®

Roadtec Telematics System

The Guardian® system allows service technicians and owners to protect their investment and keep operating costs low by monitoring a selected machine in real time through a wireless signal, and address any issues that may arise while the machine works. It also allows Roadtec customer service personnel to remotely view the machine in real time.

Edge®

Extended Equipment Warranty

The EDGE® Extended Equipment Warranty is an industry leading warranty that demonstrates our confidence in the quality and reliability of Roadtec's dedication to success. To further protect your equipment investment from unplanned repairs, the Edge warranty goes above and beyond current industry warranties. With Roadtec's extended warranty, parts and labor are covered for 2 years, and up to 2,000 hours beyond Roadtec's standard warranty period of 1-year/1,000 hours. The EDGE® warranty covers the full replacement cost of most parts, not including wear components, which gives you a competitive edge.

PRODUCT SUPPORT

Roadtec is committed to producing innovative, high quality equipment and unequaled parts and service support to our customers. We work with you to decide the best course of action to improve the life and reliability of your equipment.



Training



Field service support



Telephone support

Rebuild & Replacement Parts



Cutter Drums: Rebuilt & new for standard and specialty drums.





Roadtec Rebuild can recondition your equipment, from replacement of select components to a complete machine overhaul.

ROADTEC.COM

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