

Products & Services Overview

THE ROADTEC DIFFERENCE



Count on Roadtec 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.

Longevity

Roadtec supplies equipment globally. Road builders everywhere are encouraged to visit our website at roadtec.com, where they will find the local Roadtec contact for their region. Roadtec equipment is designed with longevity and reliability as the focus because we realize that this is the most important factor for our customers' success.

Partnership

At Roadtec, we understand that our success hinges on the success of the customer. To accomplish this common goal, we focus on building reliable, long lasting machines that consistently perform at the highest level. Roadtec is dedicated to giving the customer every advantage to excel in the field.

Crews Like Roadtec

Our customers experience minimal downtime, and their crews are comfortable with Roadtec equipment. That's reflected in the quality of work they do. Any customer familiar with us and other brands will prefer Roadtec because equipment operators achieve better ride smoothness, the machines have lower maintenance costs, and the design is user-friendly. That makes operators more comfortable and confident with the equipment.

New Generation of Machines

The new generation of Roadtec machines arrives with a slight change in terminology used to classify each model. The model number of each new machine will include the letters "e" or "ex". The single letter "e" denotes that the machine's engine has a Tier IV emissions rating. The letters "ex" denote that the machine's engine has a Tier III emissions rating. The "ex" models are machines exported to countries that do not require a tier IV emissions rating. All features listed in this brochure apply to both "e" and "ex" models.



Roadtec Customer Service

Our customers benefit from our strong focus on customer support after the sale. In-the-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 people on any newly purchased machine, and we also offer industry-leading training at our state-of-the-art training facility or 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 are also able to make your operators more comfortable and confident with our user-friendly design and our customization for special projects.

Main Products

- Asphalt Pavers
- Cold Planers
- Material Transfer Devices
- Soil Stabilizers/Reclaimers
- Cold-in-place Recycling Equipment
- Self-propelled Brooms
- Cutter Drums
- Replacement Parts for Road Building Equipment

ASPHALT PAVERS



Asphalt Pavers: Lay hot or warm mix asphalt up to 12" (305 mm) thick.

SPECIFICATIONS

Available Machine Widths

- 8' (2438 mm)
- 10' (3048 mm)

Maximum Paving Width Offered

- 30' (9144 mm)

Undercarriages

- Rubber track
- Steel track
- Rubber tires

Engines

- 6 cylinder, 225 hp (168 kW)
- 6 cylinder, 174 hp (130 kW)

Screeds

- Vibratory
- Tamper bar

Types

- Standard track & wheel
- Spray pavers

FEATURES

- Low noise levels
- Fume-free operator stations
- Easy to service
- Built tough for long service life
- Extremely reliable
- Special, anti-segregation feed tunnel
- Available in Tier 4i and Tier 3 for certain export markets
- Guardian™ Telematics system available on e-series



Cold Planers: Remove up to 14" (360 mm) of pavement.

SPECIFICATIONS

AVAILABLE CUTTING WIDTHS ACROSS MODEL RANGE

- 2' (610 mm) – 12'6" (3810 mm)

MAXIMUM CUTTING DEPTH OFFERED

- 14" (360 mm)

STANDARD DRUMS

- Triple wrap, Single hit with quick change tooth holders Sollami® standard, and Kennametal®

DRUM TYPE OPTIONS

- Profiling, micromilling, double-hit

ENGINES ACROSS MODEL RANGE

- 325 hp (242 kW) – 950 hp (708 kW)

TRACKS

- Available in 3-track or 4-track versions
- Bolt-on track pads

CONVEYORS

- 2-stage covered conveyors
- 60° conveyor swing to either side
- Folding conveyor for shorter transport length optional

FEATURES

- Dual spray bars in cutter housing for better tool cooling
- Operator platform mounted on shock absorbers
- State-of-the-art grade and slope controls
- Bi-directional capability
- Variable cutter system (VCS™) on select models
- Guardian™ Telematics system available on e-series
- Optional cold-in-place recycling package

MATERIAL TRANSFER DEVICES



Material Transfer Devices: Remix/reblend hot or warm mix asphalt.

SPECIFICATIONS

SHUTTLE BUGGY® MTV & MTV-1000

- Two models available with remixing and storage capacity; one model with reblending capability. Units in service all over the world.

MAXIMUM MIX STORAGE CAPACITY

- 25 tons (22.7 mt)

MAXIMUM TRUCK UNLOADING CAPACITY

- 1,000 tons/hr (907 mt/hr)

EXCLUSIVE REMIXING AUGER IN STORAGE HOPPER

MAXIMUM PAVER LOADING CAPACITY

- 600 tons/ hr (544 mt/hr)

FEED

- Truck dump hopper
- Windrow pick-up head

HEAVY-DUTY CONVEYOR

COMPONENTS

- Redesigned for longer service life and lower operating costs

DUAL OPERATOR STATIONS

FEATURES

- Increases smoothness and smoothness bonuses
- Allows continuous paving
- Redesigned for longer service and life and lower operating costs
- Reduces number of haul trucks needed
- Can feed two pavers working side-by side
- Superior service access
- Available in Tier 4i and Tier 3 for certain export markets

SOIL STABILIZERS/RECLAIMERS



Soil Stabilizers/Reclaimers: Stabilizing, pulverizing, or cold recycling.

SPECIFICATIONS

ENGINE MAXIMUM POWER (LARGEST MODEL)

- 755 hp (563 kW) @ 1,900 rpm

MAXIMUM TORQUE TO CUTTER (LARGEST MODEL)

- 520,000 in-lbs (58,752 N-m)

MAXIMUM DEPTH OF CUT

- 20" (508 mm)

CONTROLS

- Joy Stick

FOUR CUTTING SPEEDS

MAXIMUM AVAILABLE CUT WIDTH

- 120" (3,048 mm)

FOUR-WHEEL DRIVE

STEERING MODES

- Front and rear independent
- Rear steering - auto center coordinated steering

FEATURES

- Operator station on close to cutter for optimal visibility
- Rear cameras
- Positive pressure heating and cooling system (optional)
- Cab can be moved past right side of machine up to 18" (457 mm)
- Seat and console can swivel up to 90°
- Available in Tier 4i and Tier 3 for certain export markets

COLD-IN-PLACE RECYCLING



Cold-in-place recycling (CIR): The top layer of a damaged roadway is removed and the material re-used to build the new surface.

SPECIFICATIONS

CIR WITH THE RT-500 RECYCLING TRAILER

- Includes on-board screen, crusher, weigh bridge, and computerized metering of additives

MAXIMUM CAPACITY

- 500 tons/hr (453 mt/hr)

PROPULSION

- Pushed by RX-900 cold planer

MATERIAL DISCHARGE

- Directly into paver or to windrow

CIR WITH A ROADTEC COLD PLANER

- A Roadtec cold planer outfitted with an additive package is all that may be needed for CIR applications where precise sizing of aggregate is not required and for roads with lighter traffic loads. RX-600, RX-700, and RX-900 cold planer models are available with CIR packages.

FEATURES

- CIR provides considerable cost savings over traditional mill-and-fill
- Roadtec cold planers can be enabled to front-load and rear-load while either upcutting or downcutting
- The RT-500 recycling trailer includes JCI screen, Telsmith crusher, KPI pugmill, plus precise additive metering package

HEAVY-DUTY, SELF-PROPELLED BROOMS



Milling contractors need brooms that are as tough as their cold planers.

SPECIFICATIONS

BRUSH SIZES

- 72" (1829 mm) – 96" (2438 mm) width

BROOM DRIVE MOTOR

- Switchable from right to left side for flush sweeping

TYPES

- Front-mount
- Mid-mount

BROOM HEAD

- Pivots
- Side-shifts
- Brush-holding arms telescope in or out for different brush widths

OPERATOR CAB

- Temperature-controlled
- Pressurized
- Steering Wheel Control

FEATURES

- Designed and built for milling contractors
- Can handle continuous duty
- Heavy load capacity axles
- Sealed brakes
- Water system available
- Great maintenance access
- A/C and heater
- Enclosed cab (ROPS Certified)

SERVICES

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.

PRODUCT SUPPORT



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 complete overhauls to replacement of select components.



At Roadtec we feel so strongly that we provide the best quality equipment that we are now including the EDGE extended equipment warranty on everything we build.

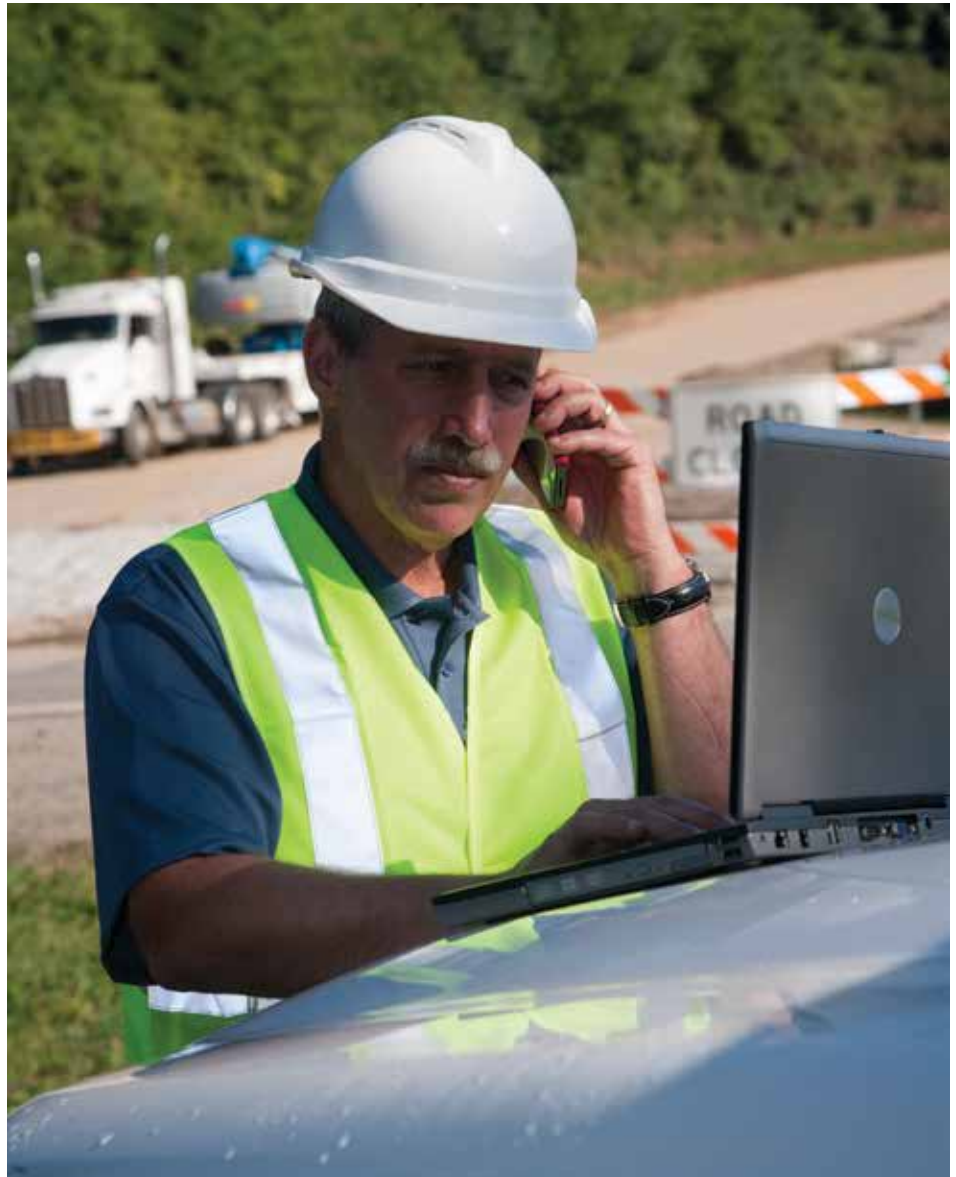
The EDGE Extended Equipment Warranty consists of:

- **3 year, 3,000 hour "Bumper-to-Bumper" machine warranty**
- **5 year, 6,000 hour engine warranty**

Monitor, Trouble-shoot, and make adjustments remotely or at the machine

The Roadtec Guardian™ Telematics System consists of software, on-machine viewing screens, and wireless signal boosters to send and receive data at the machine. Numerous functions such as engine data and fuel consumption can be viewed at the machine or on your computer screen from a remote location.

The Roadtec Guardian™ Telematics System is standard on e-series cold planers and e-series pavers. Software is automatically updated when a new version is released.



Monitor & Troubleshoot

- Fuel Consumption
- Engine Codes
- Alarms
- Starting Circuit
- Cutter Circuit
- Water
- Conveyor Speeds
- Propel Functions
- Load Control
- Steering Circuit
- Cutter
- Grade and Slope
- Hydraulics
- Engine

Your machine can be located by GPS using the Guardian™ system.





ROADTEC an Astec Industries Company

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