Overview

Products & Services Overview

ROADTEC
an Astec Industries Company
THE ROADTEC DIFFERENCE

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
**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: 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 PAYER LOADING CAPACITY**
- 600 tons/hr (544 mt/hr)

**FEED**
- Truck dump hopper
- Windrow pick-up head

**HEAY-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: Stabilizing, pulverizing, or cold recycling.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>ENGINE MAXIMUM POWER (LARGEST MODEL)</th>
<th>• 755 hp (563 kW) @ 1,900 rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXIMUM TORQUE TO CUTTER (LARGEST MODEL)</td>
<td>• 520,000 in-lbs (58,752 N-m)</td>
</tr>
<tr>
<td>MAXIMUM DEPTH OF CUT</td>
<td>• 20” (508 mm)</td>
</tr>
<tr>
<td>CONTROLS</td>
<td>• Joy Stick</td>
</tr>
<tr>
<td>FOUR CUTTING SPEEDS</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM AVAILABLE CUT WIDTH</td>
<td>• 120” (3,048 mm)</td>
</tr>
<tr>
<td>FOUR-WHEEL DRIVE</td>
<td></td>
</tr>
<tr>
<td>STEERING MODES</td>
<td>• Front and rear independent</td>
</tr>
<tr>
<td></td>
<td>• Rear steering - auto center coordinated steering</td>
</tr>
</tbody>
</table>

**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 (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
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)
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.