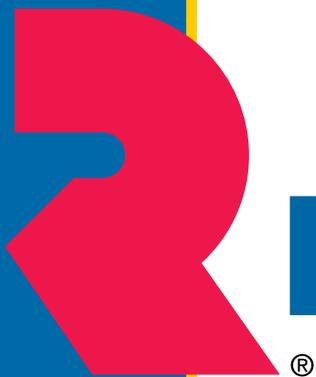


**Pavers
8 & 10 Ft.**



ROADTEC

an Astec Industries Company

Company Overview

Roadtec, located in Chattanooga, Tennessee, manufactures and markets a complete line of cold planers, material transfer vehicles and asphalt pavers. These products are sold all over the world through an extensive combination of dealers and direct sales managers. All of our products are built to the highest standards, emphasizing simplicity, productivity, versatility and serviceability.



We are further committed to provide unequalled service and parts support to our customers. Our service men are all highly trained, experienced employees of Roadtec, not just field service representatives. They are committed solely to the Roadtec product line and will share their working knowledge to help you get the most out of your investment. Whether it's a new equipment start-up or a field repair, we will be on the job until it is finished.

Service schools are held at the Roadtec manufacturing facility each winter. We also offer a training course called the Paving Professionals Workshop. Our team of industry professionals provide the most thorough hands-on and classroom instruction offered in the proper application of asphalt lay down handling, rolling and testing equipment.

Our parts department is staffed with experienced technicians who can quickly fulfill your needs from our factory inventory. By dealing directly with the manufacturer for your parts needs, you eliminate the middle man, significantly reducing costs and wasted time.

Our commitment is clear. We give our customers the highest level of quality, both in the equipment we produce and the service and parts support we provide.

RP-170 8 Foot Rubber Tire Paver



RP-175 8 Foot Rubber Track Paver



RP-190 10 Foot Rubber Tire Paver



RP-195 10 Foot Rubber Track Paver



Reliability



Engine

All Roadtec Pavers feature CAT® engines. The name has long been synonymous with reliability. The RP-170 and RP-175 contain a 174 HP version and the RP-190 and RP-195 have a 225 HP version. The engine is transversely mounted which allows for better ground level access and cooling efficiency.

Outboard Auger Bearings

Roadtec's outboard auger bearing system incorporates a NOMEX™ washer and an AR400 steel plate on each side of the bearing. This prevents material from entering the bearing.



Heavy Duty Hydraulic Pump

Sauer-Danfoss™ 90 series variable displacement pumps are used in all Roadtec pavers. These are the highest output pumps used in the industry. Roadtec uses 90 series pumps since the larger capacity enables them to run at a more optimal speed which permits them to run cooler and increases their life.



Radiators

The cooling package on Roadtec pavers is mounted on the side of the paver where it can get the cleanest and coolest air. The radiators are also rated for higher horsepower engines and the fan is controlled hydraulically. The fan can run at the optimal speed depending on the load, which reduces noise levels emitted by the paver.

Frame

Roadtec pavers feature the sturdiest frame in the industry. The frame starts with a 2 inch thick front cross member. Connected to this are two thick continuous side sheets which run the entire length of the paver and then wrap around to make up the rear. These side sheets are connected to each other with numerous cross members throughout the length of the paver. This frame allows Roadtec pavers to withstand all of the forces involved with asphalt paving for a much longer time period.

Fenders

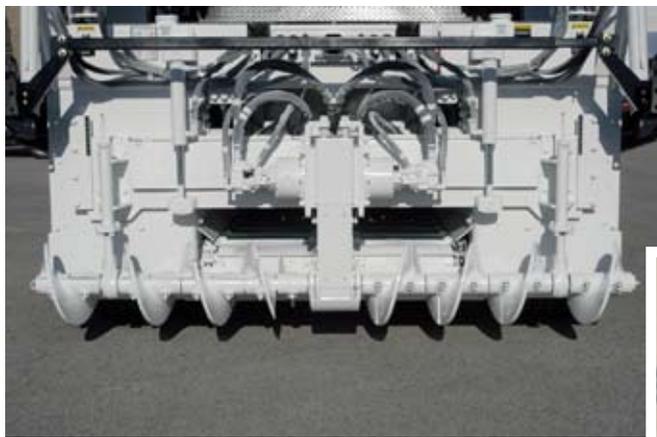
The fenders on the rubber tired Roadtec pavers are completely enclosed, which eliminates tack and debris from being thrown into the engine compartment.



Hopper Wings

Thick continuous sheet construction makes Roadtec's paver hoppers incredibly durable. The rounded hopper wing construction helps to eliminate segregation.

Performance



Augers

The auger assembly on Roadtec pavers can be hydraulically raised and lowered. This feature can assist in eliminating segregation in certain mixes and is very helpful during the loading and unloading process. Standard sonic feed sensors control the augers. The auger chain case width has been kept to a minimum to further reduce segregation.



Conveyors

The conveyers are designed to maximize throughput while maintaining durability. All Roadtec pavers feature a 13 inch high conveyor opening and extremely wear resistant replaceable liners. Each conveyor is independently driven so material delivery can be fine tuned for each side. Finer control over the material is achieved since the conveyers are outfitted with their own feeder.



Track and Tire System



The track system has been designed to give a smooth ride while giving greater weight displacement. The paver rides on a durable steel belted rubber track which utilizes a hydraulic tensioning system to insure constant band traction and increased maneuverability. Rubber coated oscillating bogies provide even pressure along the track footprint. The key to track pavers' excellent traction and flotation is its large footprint.



Our rubber tired pavers provide excellent maneuverability, ride quality and traction. The tire system is comprised of 2 large rear drive tires which are steered by two tandem bogie assemblies. In addition to hydraulic braking and the parking brake, both drive wheels are also equipped with dry disc brakes, giving you precise control during operation, a unique Roadtec feature. With the steer assist feature activated, even greater maneuverability can be achieved resulting in a turning radius of 2 feet 6 inches for the RP-170 and 4 feet 6 inches for the RP-190.



Anti Segregation Elements

Independent Auger Assembly

Each auger is driven by its own motor. This allows the conveyers to be much closer together compared to designs where the conveyers drive the augers by a chain. Minimizing the space between the conveyers allows mix to be conveyed out as one uniform flow, greatly reducing segregation.



Outboard Conveyor Drive

Hydraulic motors drive the conveyers by a chain which allows them to be located above the feed tunnel. This makes for easier access and allows for a wider conveyor tunnel. The conveyor tunnel disperses material over the augers more evenly, which prevents segregation. The motors can be controlled independent of the feeders by screed operators to decrease the pile at the end of each pull.

Continuous Side Sheets

The use of continuous side sheets to construct the tunnel walls and rear of the paver not only greatly increase the rigidity of the frame but it also helps battle segregation. The rounded corner on the back of the tunnel as opposed to a sharp welded corner permits mix to freely flow out.



Hydraulic Tunnel Extensions



Track-driven models RP-175 and RP-195 feature hydraulic tunnel extensions as standard to make it simpler than ever to keep mix away from the track assembly. On the tire-driven models, the hydraulic tunnel extensions are optional.

Comfort Drive Operator System

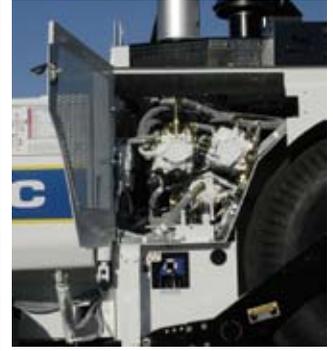
The Comfort Drive™ operator system is designed for maximum comfort and ease of operation. The stations feature dual operating control systems on left and right sides of the paver. The four way adjustable, swivel, ride control tension seat includes adjustable armrests and can also slide sideways. This positioning gives the operator greater range of visibility.



Serviceability

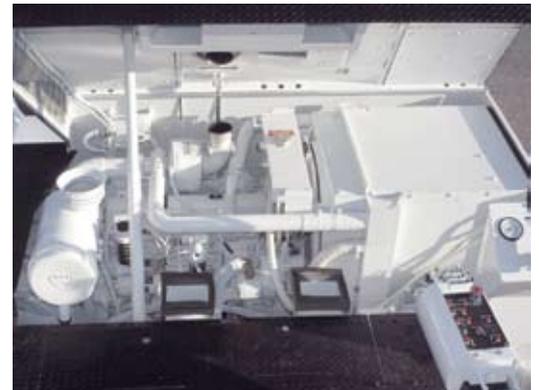
Access Panels

Routine maintenance areas are easily reached through numerous access panels to help keep your paver operating at peak performance levels. The left and right side access doors allow you to freely get to radiators, hydraulic pumps, filters and more.



Centralized Solenoids

Conveniently located solenoids simplify diagnostic testing.



Engine Access

The hydraulically raised hood provides exceptional engine access.



Dual Fuel Fills

A fuel fill location on each side of the paver lets you refuel on the fly from either side of the machine.

Options



MOBA-Matic™ System

The MOBA-Matic™ system comes in a dual grade and slope configuration or the optional Big-Sonic-Ski™ configuration. Each sensor head contains 5 ultrasonic ground sensors. In the Big-Sonic-Ski configuration three of the sensors are set up along a ski and their measurements are averaged together.



Topcon® Paver System Five

The Topcon® Paver System Five comes in a dual grade and slope configuration or the optional Smoothtrac® configuration. Each sensor head contains an ultrasonic ground sensor. In the Smoothtrac® configuration four of the sensors are set up along a ski and their measurements are then averaged together.



Front Wheel Assist

Provides extra pulling power to the rubber tired pavers by powering the front bogies with independent hydraulic motors.

Other Available Options:

- **Release Agent Tank**

Replaces the standard wash down system with a 20 gallon tank and pump which attaches to the standard 30' retractable hose reel.

- **Screed Assist**

Hydraulically controls the amount of down pressure applied by the screed.

- **Hydraulic Tunnel Extensions for Tire-Driven Models (standard on track pavers)**

Hydraulically extendable tunnel extensions extend from 0 to 18 inches.

- **Road Light Package**

Package includes six 12 volt lights, two for the hopper, two for the tunnel and two for the screed. It also includes one amber beacon.

- **Premium Light Package**

Package includes five 500W halogen lights, two 150W lights and four 120V outlets mounted to machine.

Screeds



S-8 & S-10

The Roadtec S series vibratory screeds are available in both 8' (2.5m) and 10' (3.0m) standard paving widths. Standard features include 3' hydraulic strike-offs with electric articulation, dual screed control consoles, power crown control and electrically heated screed plates.



Carlson EZ III

The Carlson EZ III hydraulic extendable screed comes in an 8' (2.4m) to 13'6" (4.1m) version or a 10' (3m) to 17' (5.2m) version. Both the main screed and the front mounted extensions are electrically heated by a 34kw generator. They also feature vibration, adjustable angle of attack, adjustable slide track, berm builder and spring loaded end gates with replaceable runners.



Carlson EZ IV

The Carlson EZ IV hydraulic extendable screed comes in an 8' (2.4m) to 15' (4.5m) version or a 10' (3m) to 19' (5.8m) version. Both the main screed and the front mounted extensions are electrically heated by a 34kw generator. They also feature vibration, adjustable angle of attack, adjustable slide track, berm builder and spring loaded end gates with replaceable runners.



Eagle 8 & Eagle 10

The Eagle 8 can hydraulically extend to 15'6" (4.7m) while the Eagle 10 can hydraulically extend to 19'6" (5.9m). Both have rear mounted extensions facilitating excellent material flow to the ends of the screed and are electrically heated by a 34kw generator. A unique feature of these screeds is being able to replace the electric heating elements without dropping the screed plates.

**Reliability
Performance
Serviceability**

“We’ve got you covered!”

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