



The RP-175 is a powerful, compact 8' (2.5m) 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-175 to maneuver and pave in tight areas without sacrificing tractive effort or pushing power. Seats of the dual operator stations can move out beyond the sides of the machine to give the operator an excellent view down the sides of the machine. Like all Roadtec pavers, the RP-175 features Roadtec's exclusive anti-segregation design of the feed tunnel, the feed tunnel discharge, and the rear augers. The narrow shipping width of this paver allows quick and easy transportation between job locations.

## RP-175 Asphalt Paver

### Engine

CAT® 6.6 L, 6 Cylinder, 174 HP (130 kW)  
Diesel @ 2,200 rpm, ACERT Tier III.

### Construction

1/2" (12.5 mm) thick continuous-side-sheet frame construction. 4" (102 mm) thick front cross frame member. Pivoting push rollers.

### Electrical System

Two 4D batteries. 12 Volt starting system with master disconnect switch. 115 Amp alternator. Electric-over-hydraulic solenoids with manual override.

### Cooling System

Variable-speed, hydraulically driven fan.

### Propel System

Variable-displacement hydraulic pumps driving two-speed hydraulic motors in planetary final drives. Includes foot/minute meter. Paving speed: 0-200 fpm (60 m/min). Travel speed: 0-7 mph (12.8 k/hr).

### Friction Drive Undercarriage

14" (355 mm) wide steel reinforced rubber track. Friction drive undercarriage. 5 sets of rollers on 2 oscillating bogies. Automatic hydraulic track tension system maintains uniform track tension.

### Operator Stations

Two Comfort Drive™ operator stations with deluxe four-way adjustable, swivel, ride control tension seats and water bottle holder. Operator stations slide out past edge of machine for increased visibility. Fully adjustable mechanical dual stick travel control. Armrest Comfort Drive™ finger tip paver function control. One operator umbrella.

### Fume Extraction System

Clearview FXS™ fume extraction system  
One blower. Fold-down 8" (203.2 mm) exhaust pipe.

### Material Handling System

10 Ton (9 MT) / 182 cu. ft. (5.2 cu. m) hopper with hydraulically movable wings. Electric flow gates. Independently driven variable-speed feeder conveyors with 3/8" (9.5 mm) thick 400 BHN liners. Sonic feeder control system. 14" (355 mm) dia. cast ni-hard augers. Hydraulically raise, lower and tilt auger assembly. Conveyor bypass permits operation of augers independent of feeders. 12" (305 mm) hydraulic tunnel extensions.

### Service Capacities

Fuel ..... 95 gal (360 L)  
Cooling system ..... 5 gal (19 L)  
Hydraulic system tank..... 49 gal (185 L)

### Other Features

Remote, central-point tractor lubrication. Retractable wash-down system with 30" (9.1 m) hose length. Amber warning beacon and back-up alarm. Two on-board storage boxes.

**Please see reverse for options.**

All specifications are subject to change without notice



**OPTIONS**

**Additional Lighting**

Road Light Package – Six 12V lights (2 hopper, 2 tunnel, 2 screed).  
 Premium Light Package – Five 500W halogen lights, two 150W lights, and four 120V outlets mounted at machine corner.  
 Airstar Balloon Light Assembly – Two 1,000W halogen bulbs, fan, telescoping pole, two brackets & case.  
 One Additional Amber Beacon.

**Tunnel Extensions**

12" (305mm) tunnel extensions.  
 Outboard auger bearing and tunnel extensions.

**Auger Extensions**

12" (305mm) ni-hard auger extensions.

**Reversing Distribution Augers**

**Grade and Slope Control**

Electric/hydraulic or sonic systems available. Moba® or Topcon®.

**Truck Hitch**

Controls rollers that engage to truck's wheels (replaces push rollers).

**OPTIONS (cont.)**

**Front Wheel Assist Package**

**Hydraulic Screed Assist Package**

**Hopper Insert for Shuttle Buggy® MTV Use**

**Lincoln Lube Automated Lubrication System**

**Additional Umbrella**

**Release Agent Spray Down System**

Includes 16 gallon (60L) tank, pump, retractable hose reel with 30' (9.1 m) hose length (instead of standard wash-down).

**AVAILABLE SCREEDS**

**S-8** Standard, fixed-width 8' (2.4 m) electrically-heated, vibratory screed. 26" (660 mm) wide, ½" (12.7 mm) thick 400 Brinell plate replaceable wearing surface. Paving widths up to 16' (4.8 m) with optional extensions.

**Carlson EZIII-8** Front extendable 8' (2.4 m), electrically-heated, vibratory screed. 26" (660 mm) long, ½" (12.7 mm) thick 400 Brinell plate replaceable wearing surface. Standard paving widths up to 13'-6" (4.1m) and up to 20' (6 m) with optional extensions.

**AVAILABLE SCREEDS (cont.)**

**Carlson EZIV-8** Front extendable 8' (2.4 m), electrically-heated, vibratory screed. 26" (660 mm) long, ½" (12.7 mm) thick 400 Brinell plate replaceable wearing surface. Standard paving widths up to 13'-6" (4.1m) and up to 24' (7.3m) with optional extensions.

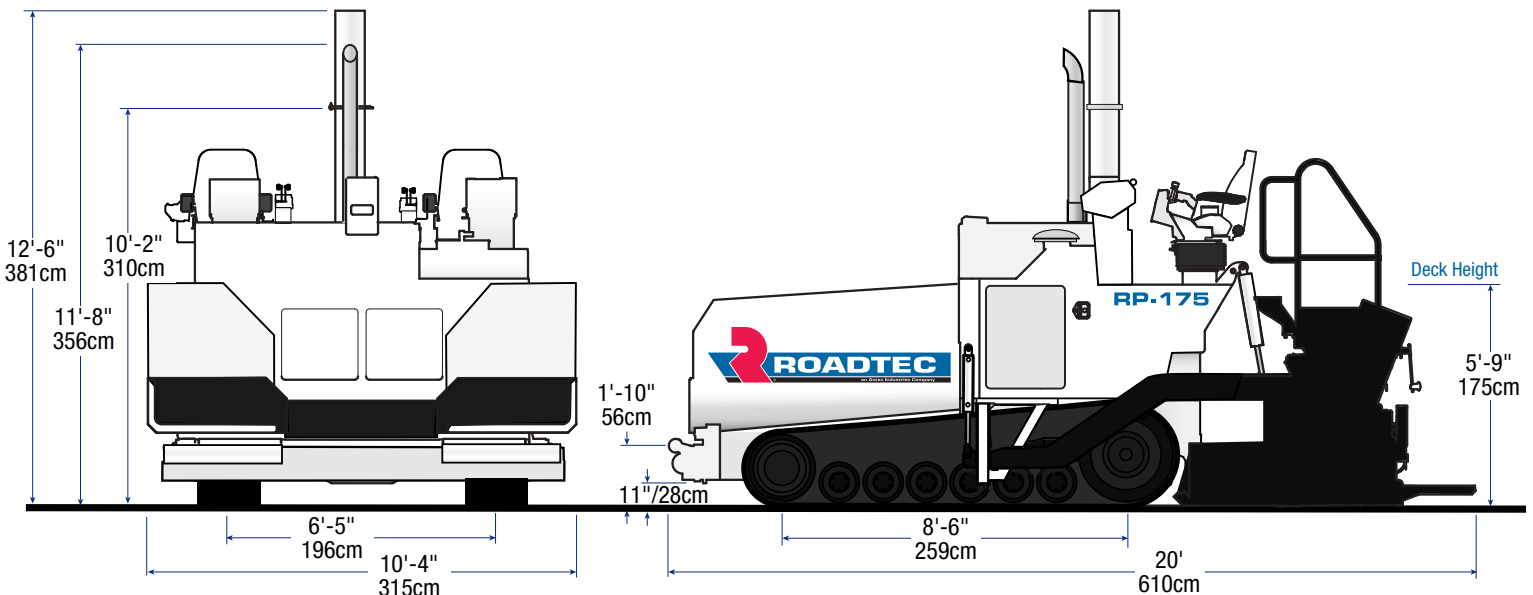
**Eagle 8** Rear extendable 8' (2.4m) electrically-heated, vibratory screed. 20" (508 mm) long, ½" (12.7mm) 400 Brinell plate replaceable wearing surface. Standard paving widths up to 15'-6" (4.7m) and up to 24' (7.3m) with optional extensions.

**SHIPPING WEIGHTS**

**Approx. Screed Shipping Weights**

- S-8** .....5,300lbs (2,400kg)
- Carlson EZIII-8** .....5,500lbs (2,495kg)
- Carlson EZIV-8** .....6,350lbs (2,880kg)
- Eagle 8** .....7,500lbs (3,400kg)

**Approx. Shipping Weight Tractor Only**  
 33,300 lbs (15,100kg)



Overall length shown with Carlson EZIV-8 screed.

**Lengths with Other Screeds**

- With S-8 ..... 19' - 4" (590cm)
- With Carlson EZIII-8 ..... 19' - 10" (605cm)
- With Eagle 8 ..... 21' - 10" (666cm)