



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

Engine

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

Construction

1/2" (12.7 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 motor in planetary final drives. Includes foot/minute meter. Paving speed: 0-276 fpm (84 m/min). Travel speed: 0-8 mph (13 k/hr). Steering assist provides inside turning radius of 30" (.8 m).

Brake System

Three brake systems including hydrodynamic, disc caliper, and parking.

Tires

Two hydroflated high flotation 16.00-24 sand rib drive tires. Dual 12" (304 mm) x 22" (559 mm) front bogies.

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. Tilt steering wheel. 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

11 Ton (10 MT) / 202 Cu. Ft. (5.7 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.

Service Capacities

Fuel 90 gal (340 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.
12" (305mm) hydraulic 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

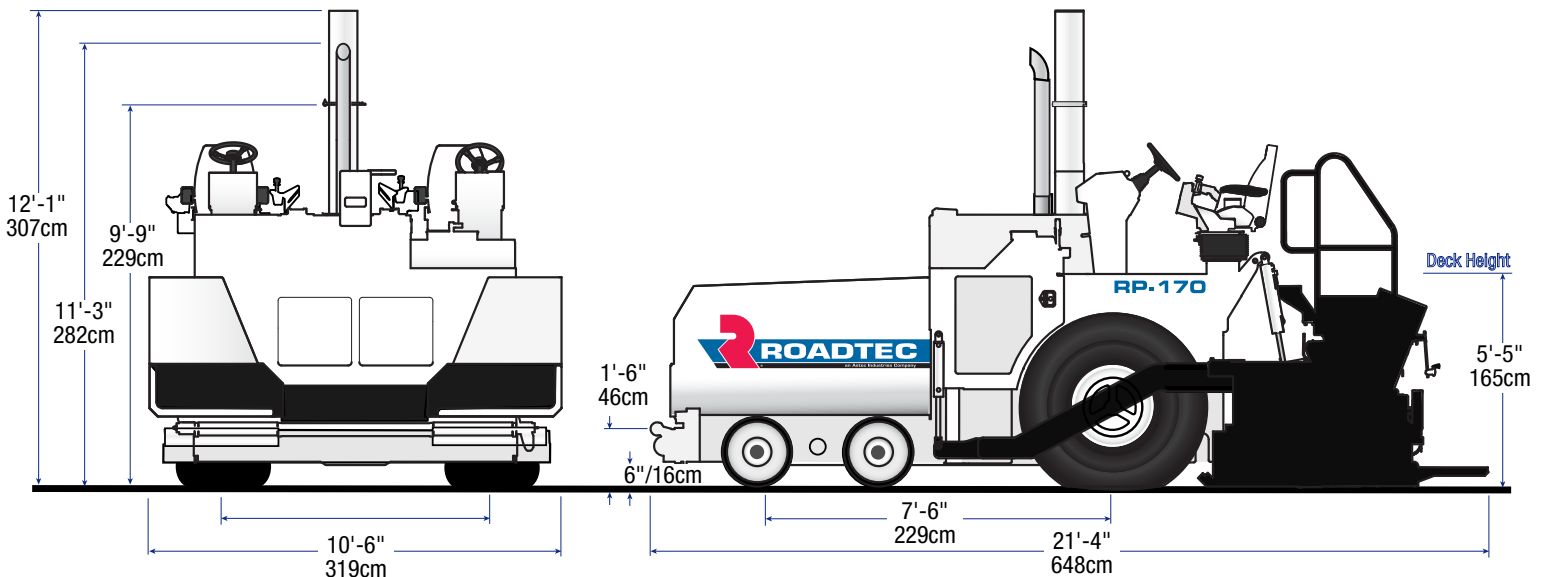
S-85,300lbs (2,400kg)

Carlson EZIII-85,500lbs (2,495kg)

Carlson EZIV-86,350lbs (2,880kg)

Eagle 87,500lbs (3,400kg)

Approx. Shipping Weight Tractor Only
31,000 lbs (14,061kg)



Overall length shown with Carlson EZIV-8 screed.

Lengths with Other Screeds

With S-8 20' - 4" (620cm)

With Carlson EZIII-8 21' - 1" (643cm)

With Eagle 8 21' - 8" (661cm)