



The RP-190 is a powerful, rubber-tired paver made for highway work. 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. The four-way adjustable operator seats feature a ride control tension system for ultimate comfort. Noise levels of Roadtec pavers are among the lowest in the industry thanks to variable speed fans. Roadtec pavers come equipped with standard fume extraction systems for the operator area. Like all Roadtec pavers, the RP-190 features Roadtec's exclusive anti-segregation design of the feed tunnel, the feed tunnel discharge, and the rear augers.

RP-190 Asphalt Paver

Engine

CAT® 7.2 L, 6 Cylinder, 225 HP (168 kW) diesel @ 1,800 rpm, ACERT Tier III.

Construction

3/4" (19 mm) thick continuous-side-sheet frame construction. 2" (51 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: 0-284 fpm (0-86 m/min.). Travel speed: 0-12mph (0-19.3 kph). Steering assist provides inside turning radius of 54" (1.4 m).

Brake System

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

Tires

Two hydroflated high flotation 18.00-25 sand rib drive tires. Dual 14" (356 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. Comfort Drive™ finger tip paver function control. One operator umbrella.

Fume Extraction System

Clearview FXS™ fume extraction system. Two blowers. Fold-down 10" (305 cm) exhaust pipe.

Material Handling System

12 Ton (10.8 MT) / 210 Cu. Ft. (6.4 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. 16" (406 mm) cast 3/4" (19mm) thick ni-hard augers. Hydraulically raise, lower and tilt auger assembly. Conveyor bypass permits operation of augers independent of feeders.

Service Capacities

Fuel 120 gal (360 L)
Cooling system 5 gal (19 L)
Hydraulic system tank..... 63 gal (238 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.

Please see reverse for options.



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.

18" (305mm) hydraulic tunnel extensions.

3' (.91m) 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 20 Gallon (75L) tank, pump, retractable hose reel with 30' (9.1 m) hose length (instead of standard wash-down).

AVAILABLE SCREEDS

S-10 Standard, fixed-width 10' (3.0m) electrically-heated, vibratory screed. 32" (813mm) long, ½" (12.7mm) thick 400 Brinell plate replaceable wearing surface. Paving widths up to 30' (9.1 m) with optional extensions.

Carlson EZIII-10 Front extendable 10' (3m), electrically heated vibratory screed. 26" (660mm) long, ½" (12.5mm) thick 400 Brinell plate replaceable wearing surface. Standard paving widths up to 17' (5.2m) and up to 25' (7.6m) with optional extensions.

AVAILABLE SCREEDS (cont.)

Carlson EZIV-10 Front extendable 10' (3m), electrically-heated, vibratory screed. 26" (660mm) long, ½" (12.7mm) thick 400 Brinell plate replaceable wearing surface. Standard paving widths up to 19' (5.8m) and up to 25' (7.6m) with optional extensions.

Eagle 10 Rear extendable 10' (3m) electrically-heated, vibratory screed. 20" (508mm) long, ½" (12.7mm) 400 Brinell plate replaceable wearing surface. Standard paving widths up to 19'-6" (5.9m) and up to 26' (7.9m) with optional extensions.

SHIPPING WEIGHTS

Approx. Screed Shipping Weights

S10 6,400lbs (2,900kg)

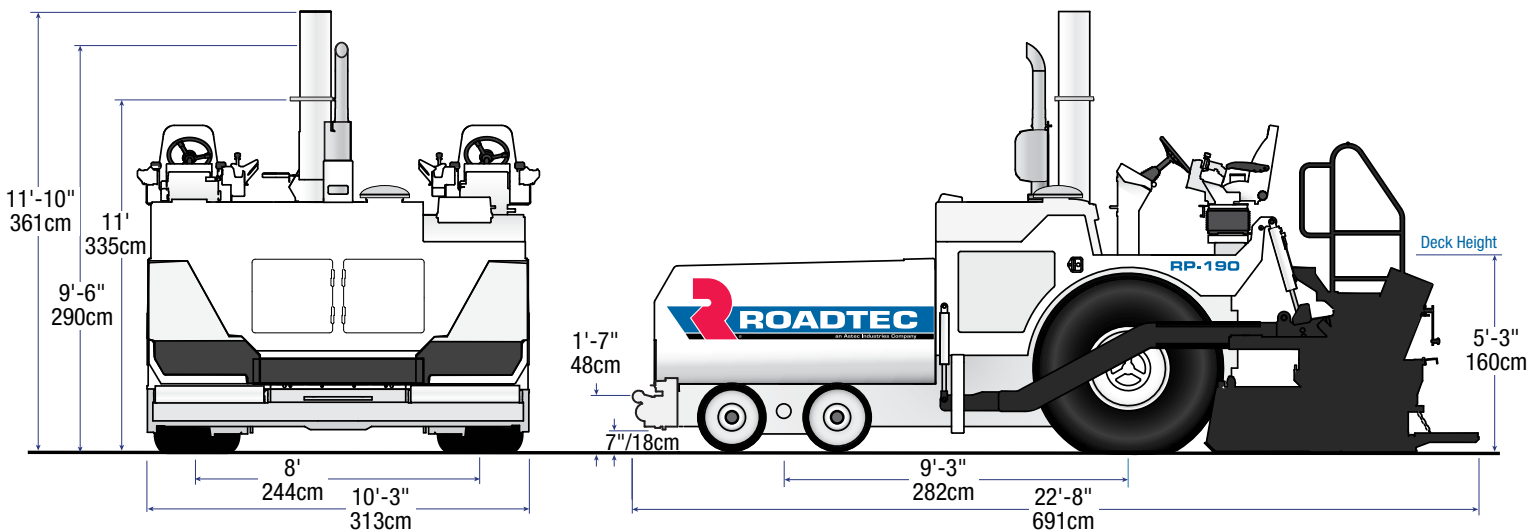
Carlson EZIII-10 6,100lbs (2,770kg)

Carlson EZIV-10 7,200lbs (3,270kg)

Eagle 10 8,200lbs (3,720kg)

Approx. Shipping Weight Tractor Only

39,900 lbs (18,100kg)



Overall length shown with Carlson EZIV-10 screed.

Lengths with Other Screeds

With S-10 22' - 6" (686cm)

With Carlson EZIII-10 22' - 8" (691cm)

With Eagle 10 22' - 9" (693cm)