



RP-190e Specifications & Options

ENGINE

- Tier 4i, Cummins® QSB 6.7 230 hp (172 kW) @ 1,800 rpm

WEIGHTS

- 38,800 lbs (17,600 kg)

CHASSIS

- .75" (19 mm) thick continuous side sheets
- 2" (51 mm) thick front cross frame member.

ELECTRICAL SYSTEM

- Two 4D batteries & 95 amp alternator
- 24v system with master disconnect switch
- Electric-over-hydraulic solenoids with manual override.

COOLING SYSTEM

- Low noise, variable speed, hydraulically-driven fan.

PROPEL SYSTEM

- Variable-displacement hydraulic pumps
- Two-speed hydraulic motor. Direct hydraulic, single speed planetary final drives.
- Steering wheel

SPEED

- Paving speed: 0-284 fpm (86 m/min)
- Travel speed: 0-12mph (19 k/hr)

BRAKE SYSTEM

- Hydrodynamic disc caliper brakes and parking brake

TIRES

- (2) hydroflated high flotation 18" x 25" sand rib drive tires
- Dual 14" (356 mm) x 22" (559 mm) front bogies

OPERATOR STATIONS

- Hydraulic swing Comfort Drive® operator stations. Operator stations can rotate out past edge of machine for increased visibility. Controls move with seat.
- Armrest Comfort Drive™ finger tip paver function control.

FUME EXTRACTION SYSTEM

- Clearview FXS® fume extraction system. Clear view to the front and of the augers.

FRONT HOPPER CAPACITY

- 13.8 ton (12.5 mt) / 252 ft³ (7.1 m³). Does not include tunnels.

FEED SYSTEM

- Independently-driven, variable-speed feeder conveyors
- 650 BHN center chromium carbide clad conveyor plates. Bolt free design. Sonic feeder control system
- Cast, 16" (406 mm) dia., 0.75" (19 mm) thick, ni-hard augers. Hydraulically raise, lower and tilt auger assembly.
- Electric flow gates for easy control of head of material



SERVICE CAPACITIES

- Fuel Tank100 gal (379 l)
- Hydraulic Fluid Tank.....76 gal (288 l)
- Cooling System.....8.75 gal (33 l)

SCREEDS

ROADTEC S-10

- Standard, fixed-width 10' (3,048 mm) electrically-heated, vibratory screed. 32" (813 mm) long screed plate.

CARLSON EZ III-10

- Front extendable 10' (3,048 mm), electrically heated, vibratory screed. 26" (660 mm) long screed plate.
- Paves up to 17' (5,182 mm) wide

CARLSON EZ IV-10

- Front extendable 10' (3,048 mm), electrically heated, vibratory screed. 26" (660 mm) long screed plate.
- Paves up to 19' (5,182 mm) wide

ROADTEC EAGLE® 10

- Rear extendable 10' (3,048 mm) electrically-heated, vibratory screed. 20" (508 mm) long "u" shaped, reversible, screed plate.
- Up to 19'-6" (5,944 mm) wide

ALL SCREEDS

- 0.5" (12.7 mm) thick 400 Brinell® wearing surface.
- Thermostat controlled electric heat with 34 kW generator
- Standard outlets for additional lighting and accessories

SCREED OPTIONS

HYDRAULIC SCREED ASSIST PACKAGE

- For Eagle® screed. Constant up pressure on screed while in pave mode (forward and neutral).

HYDRAULIC SCREED BOOST PACKAGE

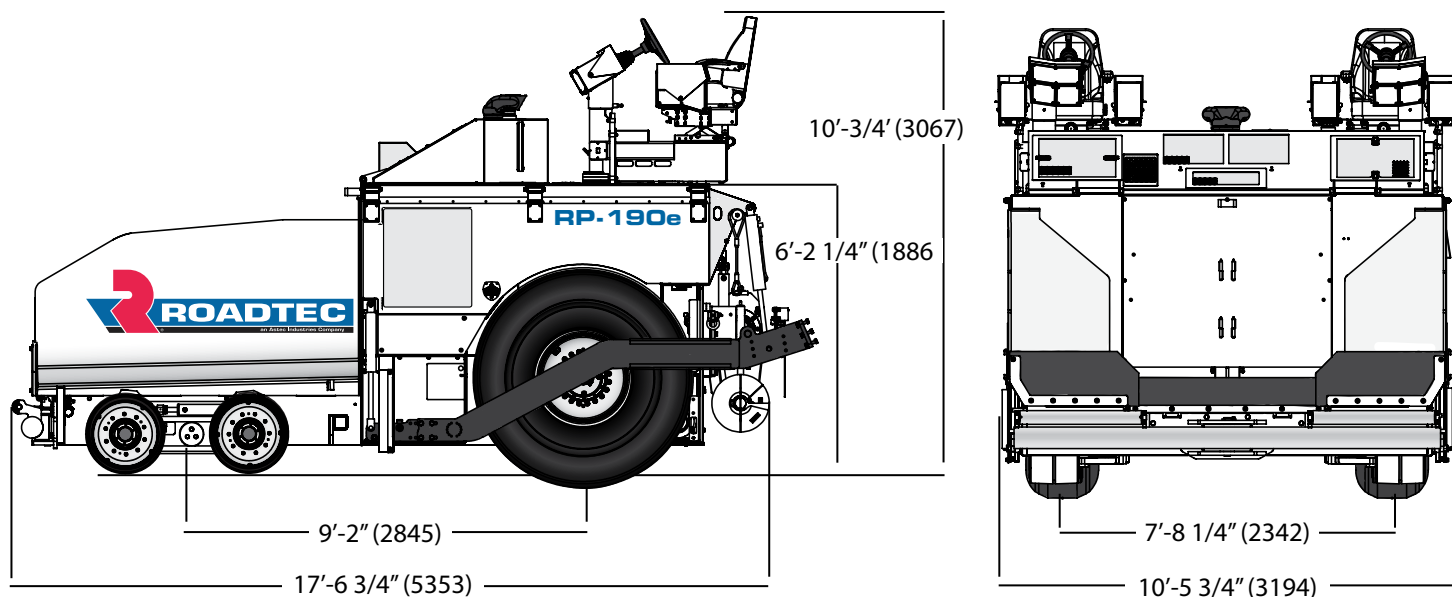
- Pressurizes screed lift cylinders when paver is stopped in neutral to prevent depression in mat. Adjustable lifting pressure. Adjustable time for pressure release with forward motion (0, 3 or 6 seconds).

TRACTOR OPTIONS

- Front wheel assist
- Truck Hitch
- Hydraulic tunnel extensions

NON-CONTACTING SCREED AUTOMATION

- TOPCON® sonic grade & slope control.
- MOBA® sonic grade & slope control.
- TOPCON® sonic averaging ski with hardware.
- MOBA® sonic averaging ski with hardware.



SHIPPING WEIGHTS (APPROXIMATE)

TRACTOR ONLY	38,800 lbs (17,600 kg) / 17'-6-3/4" (5353)	CARLSON EZIV-10	7,200 lbs (3,270 kg) / 22'-7 7/8" (6906)
S-10	6,200 lbs (2,812 kg) / 22'-5 5/16" (6840)	EAGLE 10	8,200 lbs (3,720 kg) / 22'-9 3/8" (6944)
CARLSON EZIII-10	6,100 lbs (2,770 kg) / 22'-7 15/16 (6907)		

ROADTEC an Astec Industries Company

800 MANUFACTURERS RD • CHATTANOOGA, TN 37405 USA • 800.272.7100 • FAX 423.267.7104 • roadtec.com
130307

