



RP-170 Specifications & Options

ENGINE

- Tier 3, Caterpillar® C6.6 174 hp (130 kW) @ 2,200 rpm

WEIGHT

- 31,000 lbs (14,061 kg)

CHASSIS

- .5" (13 mm) thick continuous side sheets
- 4" (102 mm) thick front cross frame member.

ELECTRICAL SYSTEM

- Two 4D batteries & 115 Amp alternator.
- 12v 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.
- Hydraulic steering wheel control

SPEED

- Paving speed: 0-276 fpm (84 m/min)
- Travel speed: 0-8 mph (13 k/hr)

BRAKE SYSTEM

- Hydrodynamic disc caliper brakes, and parking brake

TIRES

- (2) hydroflated high flotation 16:00-24 sand rib drive tires
- Dual 12" (304 mm) x 22" (559 mm) front bogies

OPERATOR STATIONS

- (2) Comfort Drive™ operator stations. Operator stations can slide out past edge of machine for increased visibility.
- Armrest Comfort Drive™ finger tip paver function control.

FUME EXTRACTION SYSTEM

- FXS® fume extraction system

FRONT HOPPER

- 11 ton (10 mt) / 202 cu. ft. (5.7 cu. m).

FEED SYSTEM

- Independently-driven, variable-speed feeder conveyors with 400 BHN liners
- Electric flow gates for proper material distribution behind paver
- Sonic feeder control system
- Cast, 14" (355 mm) dia., 0.75" (19 mm) thick, ni-hard augers. Hydraulically raise, lower and tilt auger assembly. Rear augers can be controlled independent of feeders.



SERVICE CAPACITY

- Fuel Tank90 gal (340 l)
- Hydraulic Fluid Tank.....49 gal (185 l)
- Cooling System.....5 gal (19 l)

SCREEDS

ROADTEC S-8

- Standard, fixed-width 8' (2,438 mm) electrically-heated, vibratory screed. 26" (660 mm) wide screed plate.

CARLSON EZ III-8

- Front extendable 8' (2,438 mm), electrically heated, vibratory screed. 26" (660 mm) long screed plate.
- Paves up to 13' 6" (4,115 mm) wide

CARLSON EZ IV-8

- Front extendable 8' (2,438 mm), electrically-heated, vibratory screed. 26" (660 mm) long screed plate.
- Paves up to 15' (4,572 mm) wide

ROADTEC EAGLE® 8

- Rear extendable 8' (2,438 mm), electrically-heated, vibratory screed. 20" (508mm) long "u" shaped, reversible, screed plate.
- Paves up to 15' -6" (4,724 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

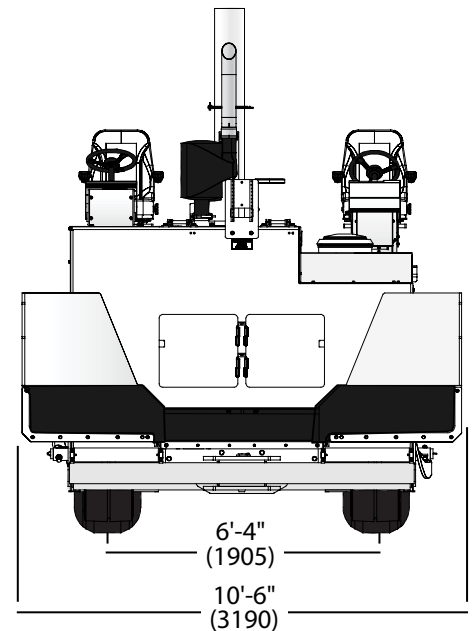
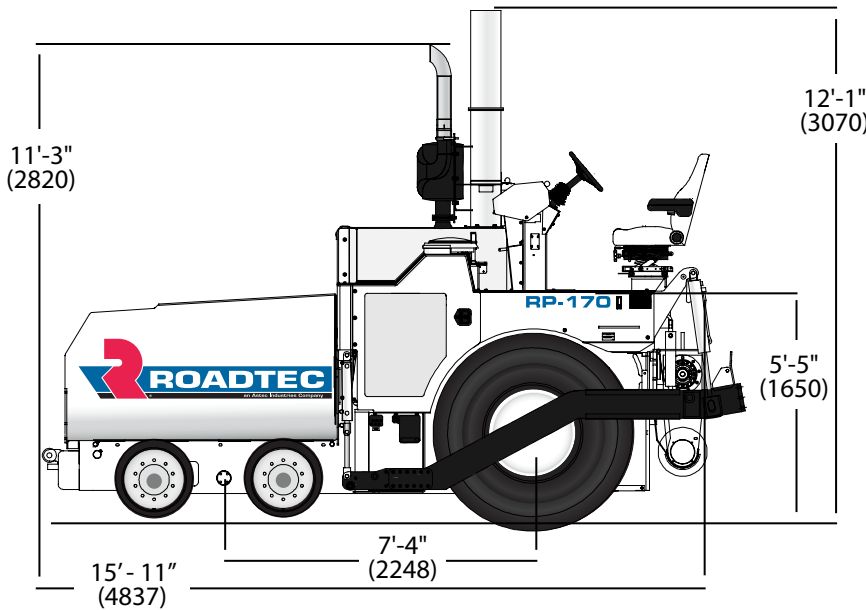
- Pressurizes screed lift cylinders when paver is stopped in neutral to prevent depression in mat. Adjustable lifting pressure. Adjustable time for pressure release with forward motion (0, 3 or 6 seconds).

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 & LENGTHS (APPROXIMATE)

TRACTOR ONLY	31,800 lbs (14,061 kg) / 21'-4" (6480)	CARLSON EZIV-8	6,350 lbs (2,880 kg) / 21'-3 3/16 (6482)
S-8	5,300 lbs (2,404 kg) / 20'-3 7/8" (6194)	EAGLE 8	7,500 lbs (3,402 kg) / 21'-7 3/4" (6598)
CARLSON EZIII-8	5,500 lbs (2,495 kg) / 21'-1/4" (6404)		

Dimensions in brackets are mm.

Specifications are subject to change without notice.

ROADTEC an Astec Industries Company

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

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