



SP-100 Specifications & Options

ENGINE

- Tier 4i, Cummins® QSB 6.7 173 hp (129 kW) @ 2,200 rpm

WEIGHTS

- 32,360 lbs (14,678 kg)

ELECTRICAL SYSTEM

- Two 4D batteries & 150 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 Max 143 fpm (43.59 mpm)
- Travel Max 60.2 rpm (12.23 mph)

BRAKE SYSTEM

- Hydrodynamic brakes and parking brake

TIRES

- Drive: Grooved 42 1/4" x 20 3/4"
- Front: Solid Rubber 36" x 12 1/4"

OPERATOR STATIONS

- Comfort Drive™ operator stations. Operator stations can rotate out past edge of machine for increased visibility.

FUME EXTRACTION SYSTEM

- FXS® fume extraction system

GRAVITY FEED HOPPER

- 11 Ton (10 mt). with clamshell gates
- Hopper air curtain

SERVICE CAPACITIES

- Fuel Tank 100 gal (379 l)
- Hydraulic Fluid Tank..... 46 gal (174 l)
- Wash Down (Optional) 17.5 gal (66 l)



SPECIFICATIONS

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

- 48" (1,219 mm) housing with unsegmented rear moldboard. 150 cutter bits for traditional milling.
- 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.
- Paves up to 19'-6" (5,944 mm) wide

CARLSON EZ-R2

- Rear extendable 10' (3,048 mm) electrically-heated, vibratory screed. 20" (508 mm) long "u" shaped, reversible, screed plate.
- Paves 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

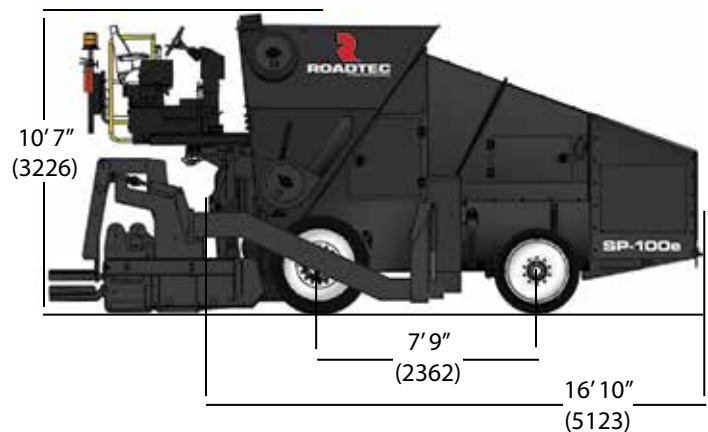
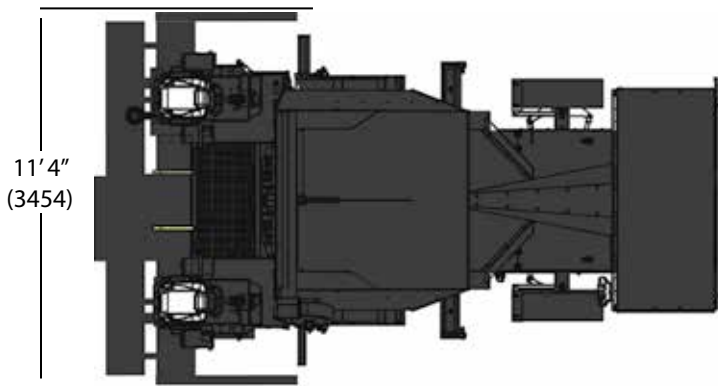
- Pressurizes screed lift cylinders when paver is stopped in neutral to prevent depression in mat. Adjustable lifting pressure. Adjustable time for pressure release with forward motion (0, 3 or 6 seconds). Also available as retrofit.

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.

OPTIONS

- Hydraulic Tunnel Extension
- Tunnel Extensions
- Auger Extensions
- Reversing Augers
- Front Wheel assist
- Screed Boost
- Screed Assist
- Night Light Package 24v
- Blade Light Kit
- Laser steering guide



Dimensions in brackets are mm.

Specifications are subject to change without notice.

ROADTEC an Astec Industries Company

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