



SP-100e 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 7.6 mph (12.23 kph)

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

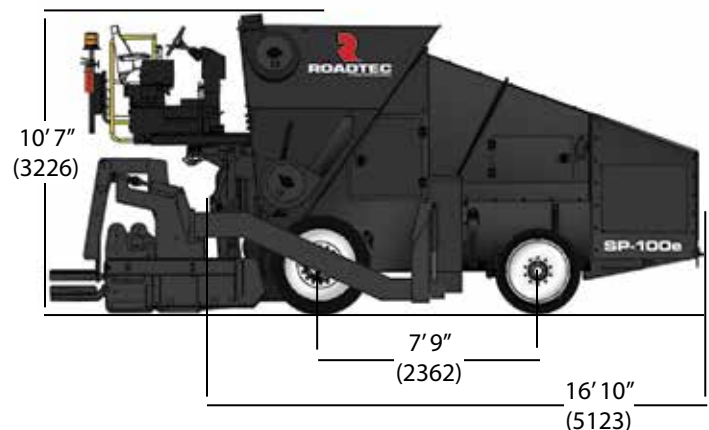
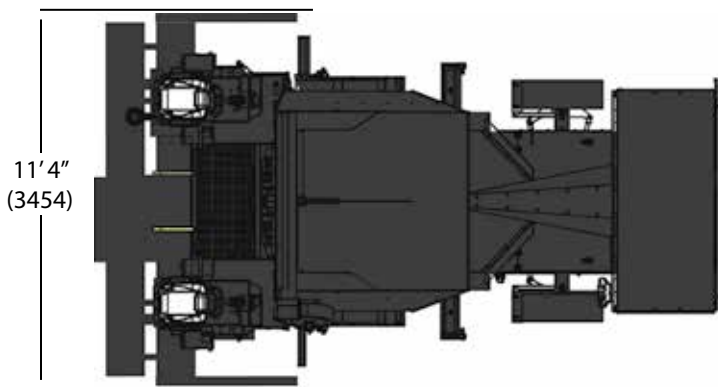
- Pressurizes screed lift cylinders when paver is stopped in neutral to prevent depression in mat. Adjustable lifting pressure. Adjustable time for pressure release with forward motion (0, 3 or 6 seconds). Also available as retrofit.

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.

SP-100e OPTIONS

- Hydraulic Tunnel Extension - 18" (457 mm) hydraulic tunnel extensions
- Tunnel Extensions - 12" (305 mm) tunnel extensions
- Auger Extensions - 12" (305mm), 0.75" (19mm) thick ni-hard auger extensions
- Reversing Augers
- Front Wheel assist - Additional hydraulic motors on both rear bogies
- Screed Boost
- Screed Assist
- Night Light Package - (6) 24v high-intensity discharge (HID) lights for higher levels of light
- Blade Light Kit
- Laser steering guide - High intensity laser mounted to tractor can be positioned along line of travel to aid operator in aligning paver correctly.



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



© 2013 Roadtec, Inc. All Rights Reserved