



## SB-2500 Specifications & Options

### ENGINE

- SB-2500e: Tier 4i; Caterpillar® C9.3 300 hp (224 kW) @ 1,900 rpm
- SB-2500ex: Tier 3; Caterpillar® C9 300 hp (224 kW) @ 1,900 rpm

### WEIGHTS

- 78,000 lbs (35,380 kg)

### CONSTRUCTION

- Heavy-duty conveyor flights and chain. Replacable wear plate in all high wear areas. Stability without unnecessary weight.

### COOLING SYSTEM

- Quiet operation, dual, variable speed hydraulically driven fans

### ELECTRICAL SYSTEM

- Two 4D batteries & 115 amp alternator
- 24v system with master disconnect switches.
- Electric-over-hydraulic solenoids with manual override.

### PROPEL SYSTEM

- Hydrostatic drive
- Continuously variable speed control with two speed ranges.

### SPEED

- Maximum working speed: 3.0 mph (4.8 kph)
- Maximum travel speed: 9 mph (14.5 kph)

### BRAKE SYSTEM

- Hydrodynamic disc caliper brakes, and parking brake

### TIRES

- 21" (533 mm) wide x 25" (635 mm) interior diameter high-flotation tires.

### OPERATOR STATIONS

- Two operator stations (left & right side) with deluxe adjustable seats.
- Operator stations can slide 16" (400 mm) out past edge of machine for visibility.
- Center control console pivots to right or left operator seat as needed.

### GROUND CONTROLS

- (2) front dump hopper control boxes

### FUME EXTRACTION SYSTEM

- FXS® fume extraction system

### TRUCK DUMP HOPPER

- Front hopper has swivel support casters. Vibrating floor plate. 9'2" (2,794 mm) wide truck opening (adjustable width option available).
- Hydraulic, adjustable push rollers.
- Hydraulic front hopper baffle adjustable for optimal material flow.

### DUMP HOPPER TRANSVERSE AUGER

- 29" (737 mm) o.d. cast, segmented auger.



## DUMP HOPPER UNLOADING CONVEYOR (C1)

- Drag conveyor with 1,000 tph (907 mtph) capacity.
- Dual roller bushing chain.
- Heavy-duty flights 5/8" (16 mm) thick x 7" (178 mm) wide x 56" (1,422 mm) long.
- Conveyor floors lined with replaceable chrome-carbide clad wear plates.

## SURGE BIN

- 25 tons (22.7 mt) storage capacity.

## REMIXING AUGER IN SURGE BIN

- 29" (737 mm) o.d. cast, segmented augers

## SURGE BIN UNLOADING CONVEYOR (C2)

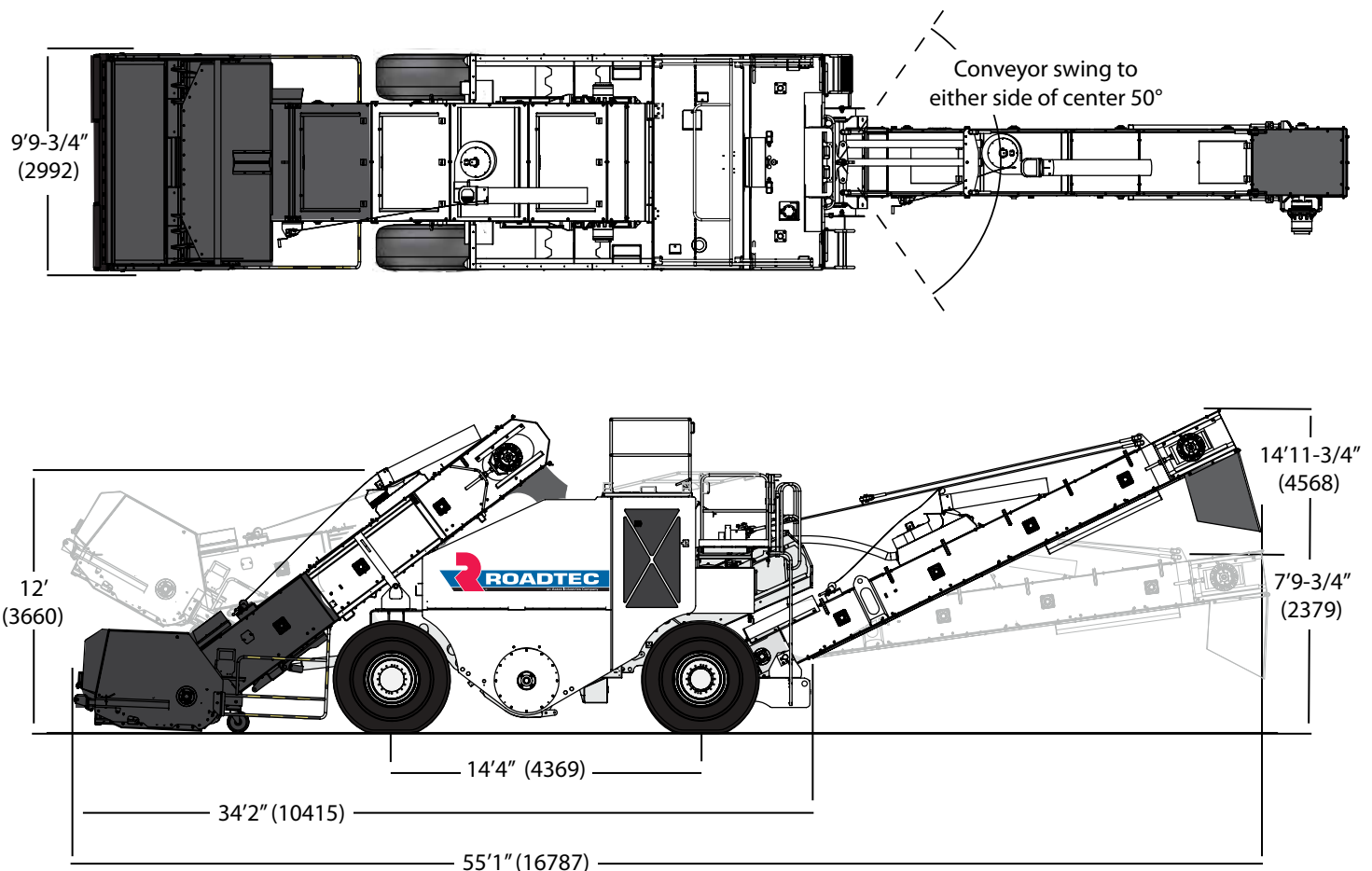
- Drag conveyor with 600 tph (544 mtph) capacity.
- Dual roller bushing chain.
- Heavy-duty flights 5/8" (16 mm) thick x 7" (178 mm) wide x 56" (1,422 mm) long.
- Conveyor floors lined with replaceable chrome-carbide clad wear plates.

## PAVER LOADING CONVEYOR (C3)

- Drag conveyor with 600 tph (544 mtph) capacity.
- Dual roller bushing chain.
- Flights 1/2" (13 mm) thick x 6 1/2" (165 mm) wide x 30" (762 mm) long.
- Conveyor floors lined with replaceable chrome-carbide clad wear plates.
- Insulated conveyor floor.
- Controls interlock with surge bin unloading conveyor.
- Conveyor can be positioned up to 50° to either side of center.
- Conveyor guard rails.

## SERVICE CAPACITY

- Fuel Tank ..... 150 gal (568 l)
- Hydraulic Fluid Tank..... 96 gal (363 l)



Dimensions in brackets are mm.

Specifications are subject to change without notice.

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