

SB-3000

Shuttle Buggy[®] Material Transfer Vehicle



Engine

- Stage V, Cummins[®] B6.7 310hp @ 2,000 rpm

Cooling System

- Quiet operation, dual, variable speed hydraulically driven fans

Weights

- 77,190lb

Construction

- Stability without unnecessary weight
- Replaceable wear plate in all high wear areas

Electrical System

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

Propel System

- Hydrostatic drive with continuously variable speed control with two speed ranges to all wheels
- Optional rear steer

Speed

- Working: 0-3.0 mph
- Travel: 0-10 mph

Brake System

- Hydrodynamic multi-disc brake pack

Tires

- 21" wide x 35" interior diameter high-flotation tires

Operator Stations

- Two operator stations (left & right side) with deluxe adjustable seats
- Operator stations can rotate 90-degrees out past the edge of the machine for visibility
- Bridge platform allows safe crossing of paving line

Ground Controls

- Tool holders
- (2) front dump hopper control boxes
- Patent pending ground operator stations with seats

Fume Extraction System

- Clearview FXS[®] system to draw fumes away from operator
- Fixed stack needs no intervention for shipping

Truck Dump Hopper

- Front hopper has swivel support casters. Vibrating floor plate. 9' wide truck opening
- Adjustable width option available
- Hydraulic adjustable oscillating push rollers
- Hydraulic front hopper baffle adjustable for optimal material flow
- 26" o.d. cast, ni-hard, segmented auger

Dump Hopper Unloading Conveyor (C1)

- Drag conveyor with 1,000 tph (907 mtph) capacity
- Dual roller bushing offset link chain
- Conveyor floors lined with replaceable AR 500 wear plates
- High wear chrome carbide wear plate upgrade

Surge Bin and Remixing Auger

- 25 tons (22.7 mt) storage capacity
- 26" o.d. cast, ni-hard, variable triple pitch augers
- Drag conveyor with 600 tph (544 mtph) capacity
- Dual roller bushing offset link chain
- Conveyor floors lined with replaceable AR 500 wear plates
- High wear chrome carbide wear plate upgrade

Paver Loading Conveyor (C3)

- Drag conveyor with 600 tph (544 mtph) capacity
- Dual roller bushing offset link chain
- Conveyor floors made of AR 500
- High wear chrome carbide floor upgrade
- Insulated conveyor floor
- Controls interlock with surge bin unloading conveyor
- Conveyor can be positioned up to 14' 3" to either side of center
- Conveyor guard rails

Service Capabilities

- Fuel Tank - 140 gal
- Hydraulic Fluid Tank - 92 gal
- DEF - 15 gal

Physical and Operating Characteristics

| Dimension | Standard | Metric |
|---|--------------------------------------|--|
| Engine MFG | Cummins | |
| Model | Stage V QSB 6.7 | |
| Max Power | 310 hp @ 2,000 rpm | 231 kW@ 2,000rpm |
| Number of Cylinders | 6 | |
| Electrical System | 24v | |
| Shipping Weight | 77,190lb | 35,012kg |
| Operating Length | 54' 4" | 16.561m |
| Shipping Width | 9' 9" | 2.971 m |
| Shipping Height | 11' 3" | 3.429m |
| Wheelbase | 12' 4" | 3.759m |
| Hydraulic Tank Capacity | 92 gal | 303 ltr |
| Fuel Tank Capacity | 140 gal | 454 ltr |
| DEF | 15 gal | 57 ltr |
| Truck Dump Hopper Width | 9' 2" | 2,794mm |
| Dump Hopper Transverse Auger (C1) | 26" | 660mm |
| Dump Hopper Unloading Conveyor Capacity | 1,000 tph | 907 mtph |
| Surge Bin Storage Capacity | 25 tons | 22.7 mt |
| Surge Bin Conveyor Capacity | 600 tph | 244 mtph |
| Remixing Augers | 26" Triple Pitch | 660mm Triple Pitch |
| Paver Loading Conveyor (C3) | 600 tph | 544 mtph |
| Working Speed | 0-3 mph | 0-4.8 kph |
| Travel Speed | 0-10 mph | 0-16 kph |
| Steering | Single Joystick | |
| Suspension | 21" x 35" High-Flotation Tires | 533 x 889mm High-Flotation Tires |