

SB-3000

Shuttle Buggy[®] Material Transfer Vehicle



Engine

- Stage 5, 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