

# BTS50/BTS50+

## Stand-Alone Blower Unit



### Standard Truck Platform\*

- Truck make & model: Peterbilt 567
- Cab configuration: driver bucket seat & two-person benchseat
- Chassis GCWV: 75,200 lb (34,110 kg)

\*Can be fitted to most Class 8 truck chassis

### System Controls

- Peterson Adaptive Control System (ACS)
- Radio remote

### Feed System\*

- Box volume, struck:\* 48 yds<sup>3</sup> (37 m<sup>3</sup>)
- Box volume, typical:\* 45 yds<sup>3</sup> (34 m<sup>3</sup>)
- Feeder opening: 32 x 10.5 in

\*Volume capacity will vary by material weight and density

### Blower System

- Blower: Tri-Lobe®
- Large capacity silencers: intake and discharge

### Discharge System

- Hose reel: up to 320 ft (98 m)
- Supplied hose length: 20 ft (6 m) heavy-duty, 300 ft (91 m) standard
- Hose diameter: 4 in (100 mm), 5 in (127 mm)

### Production\*

- Discharge volume: 60 yds<sup>3</sup>, 4 US tons (46 m<sup>3</sup>, 12.7 metric tons) per hour
- Material weight: up to 2,700 lb/yd<sup>3</sup> (1,601 kg/m<sup>3</sup>)

\*Actual output may vary due to moisture content, material density and size, support equipment, terrain variables and hose diameter.

### Optional Equipment

- Dust suppression system
- Additional tool box
- Custom graphic package
- Air stream injection systems (seed, fertilizer, etc)
- Powered hose reel
- Directional safety bar
- Night work lights

## Physical & Operating Characteristics

Dimension	Imperial	Metric
<b>A</b> Overall Length	40' 2"	1,224 cm
<b>B</b> Stand Alone Unit Length	30' 11"	942 cm
<b>C</b> Frame Length	26' 9"	815 cm
<b>D</b> Box Length	21' 10"	665 cm
<b>E</b> Travel Width	8' 6"	259 cm
<b>F</b> Box Width	8' 1"	246 cm
<b>G</b> Overall Height	13' 4"	406 cm
<b>H</b> Loading Height	12' 9"	389 cm
<b>I</b> Box Height	8' 5"	257 cm
<b>J</b> Axle Spacing	54"	137 cm
<b>K</b> Tool Box	60"	152 cm
Fuel Tank Capacity	115 gal	435 L
Main Hydraulic Tank Capacity	83 gal	314 L
DEF Tank Capacity (Tier IV Only)	17 gal	65 L

Dimension	Imperial	Metric
Weight		
BTS50	47,500 lb	21,546 kg
BTS50+	48,700 lb	22,090 kg
Engine		
BTS50	Caterpillar C7.1 Tier IV	
BTS50+	Caterpillar C9.3B Tier IV	
Horsepower		
BTS50	225 hp	167 kW
BTS50+	335 hp	250 kW
Blowing Pressure		
BTS50	15 psi	1.03 bar
BTS50+	20 psi	1.38 bar

