

BTS50 Stand-Alone Blower Unit

Drive & Deliver at the same time.



Blow Material while Moving

Do you have a job that requires frequent moves? The stand-alone engine on the BTS50 Blower Truck allows movement between applications so you can complete the job quickly without having to engage or disengage a PTO.

Blow Light Soils and Aggregates

With upgraded, wear resistant components, and a heavy-duty 20psi (1.38 bar) blower unit, the BTS50+ was specifically designed to deliver light soils and aggregates, in addition to traditional mulch and compost applications.

Keith™ Walking Floor

Our Keith walking floor features variable feed speeds, and a faster bulk offload. Have abrasive materials? Try our optional stainless steel walking floor for superior life and abrasion resistance.

Mount on any Vocational Chassis

The BTS50 can be mounted on any class 8 vocational chassis, and can be configured for left hand or right hand drive with minimal chassis integration.

With a Peterson BTS50 Stand-Alone Blower Unit, you can tackle an even wider range of projects, gain productivity, and boost your profitability.

The BTS50 is available in two models, the standard BTS50 is powered by a CAT C7.1 Tier IV engine with 225 hp (167 kW), or the BTS50+, with a CAT 9.3B Tier IV engine with 335 hp (250 kW) for heavy-duty applications such as delivering light aggregate materials.

With the stand-alone power plant, the BTS50 allows you to blow material

while moving the truck, which is ideal for jobs that require lots of repositioning. The BTS50's blower unit is rated at 15 psi (1.03 bar) for typical applications of mulch or compost materials. The BTS50+ has a 20 psi (1.38 bar) blower unit, and is specifically designed for tough-to-blow applications.

The BTS50 is configured with an aluminum walking floor, or an optional stainless steel version with replaceable interior wear liners for abrasive applications. The large footprint feeder, combined with the high-capacity Tri-Lobe® blower, provides

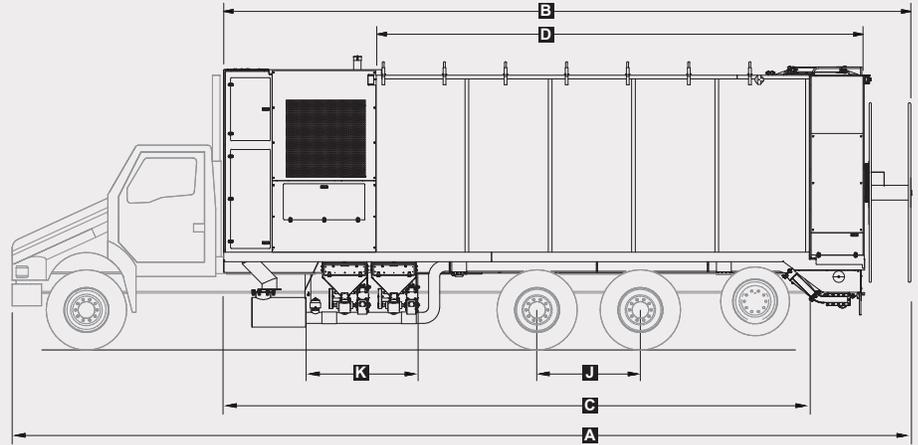
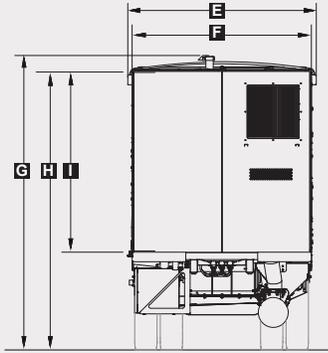
increased airflow for farther and faster delivery. Larger diameter hoses provide added protection against clogging. These features enable you to be more productive and deliver a wider range of materials each day.

The side-opening end gate on Peterson BTS50 provides safe and easy access to the feed system. An optional grass seeder and fertilizer system for planting or erosion control projects extends your service offerings.



Peterson
an Astec Industries Co.

BTS50 Dimensions



Shown with standard Peterbilt Truck Body.

BTS50 Specifications

Dimensions

A Overall Length	40' 2" (1224 cm)
B Stand Alone Unit Length	30' 11" (942 cm)
C Frame Length	26' 9" (815 cm)
D Box Length	21' 10" (665 cm)
E Travel Width	8' 6" (259 cm)
F Box Width	8' 1" (246 cm)
G Overall Height	13' 4" (406 cm)
H Loading Height	12' 9" (389 cm)
I Box Height	8' 5" (257 cm)
J Axle Spacing	54" (137 cm)
K Tool Box	60" (152 cm)

	BTS50 ⁺	BTS50
Weight	48,700 lbs (22090 kg)	47,500 lbs (21546 kg)
Box Only	28,700 lbs (13018 kg)	27,500 lbs (12474 kg)

*Weights are configured empty, with fluids. Varies based on optional equipment and machine configuration

Standard Truck Platform*

Truck Make & Model	Peterbilt 567
Cab Configuration	Driver Bucket Seat & 2-Person Bench Seat
Chassis GCVV	75,200 lbs (34110 kg)

*Can be fitted to most Class 8 truck chassis

	BTS50 ⁺	BTS50
Engine	Caterpillar C9.3B Tier IV	Caterpillar C7.1 Tier IV
Horsepower	335 hp (250 kW)	225 hp (167 kW)
Fuel Tank Capacity	115 gal (435 L)	115 gal (435 L)
Main Hydraulic Tank Capacity	83 gal (314 L)	83 gal (314 L)
DEF Tank Capacity (Tier IV Only)	17 US gal (65 L)	17 US gal (65 L)

System Controls

Peterson Adaptive Control System, Radio Remote, Peterson⁺ Analytics

Feed System

	BTS50 ⁺	BTS50
Box Volume, Struck*		48 yds ³ (37 m ³)
Box Volume, Typical*		45 yds ³ (34 m ³)
Feeder Opening (w x l)		32" x 10.5"
Floor	Stainless Steel	Aluminum Walking Floor
Wear Liners	Hardox 450 Steel	Aluminum

*Volume capacity will vary by material weight and density

Blower System

	BTS50 ⁺	BTS50
Blowing Pressure	20 psi (1.38 bar)	15 psi (1.03 bar)
Blower		Tri-Lobe [®]
Large Capacity Silencers		Intake and Discharge

Discharge System

Hose Reel	holds up to 320 ft (98 m)
Supplied Hose Length	20 ft (6 m) heavy-duty, 300 ft (91 m) standard
Hose Diameter	5" (127 mm), 4" (100 mm)

Production*

Discharge Volume	60 yds ³ , 4 US tons (46 m ³ , 12.7 metric tons) per hour
Material Weight	up to 2700 lbs/yd ³ (1601 kg/m ³)

*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
- Onboard Scales
- Axle & Suspension Configurations

*Some options not available in combination due to space constraints.