**BTS50 Stand-Alone Blower Unit**

*Drive & Deliver at the same time.*

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**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.

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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 aggregates.

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.
BTS50 Specifications

Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>BTS50+</th>
<th>BTS50</th>
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</thead>
<tbody>
<tr>
<td>A Overall Length</td>
<td>40' 2&quot; (1224 cm)</td>
<td>30' 11&quot; (942 cm)</td>
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<tr>
<td>B Stand Alone Unit Length</td>
<td>26' 9&quot; (815 cm)</td>
<td>21' 10&quot; (665 cm)</td>
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<tr>
<td>C Frame Length</td>
<td>8' 6&quot; (259 cm)</td>
<td>8' 1&quot; (246 cm)</td>
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<tr>
<td>D Box Length</td>
<td>13' 4&quot; (406 cm)</td>
<td>12' 9&quot; (389 cm)</td>
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<tr>
<td>E Travel Width</td>
<td>8' 5&quot; (257 cm)</td>
<td>8' 1&quot; (246 cm)</td>
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<tr>
<td>F Box Width</td>
<td>54&quot; (137 cm)</td>
<td>54&quot; (137 cm)</td>
</tr>
<tr>
<td>G Overall Height</td>
<td>12' 9&quot; (389 cm)</td>
<td>12' 9&quot; (389 cm)</td>
</tr>
<tr>
<td>H Loading Height</td>
<td>8' 5&quot; (257 cm)</td>
<td>8' 5&quot; (257 cm)</td>
</tr>
<tr>
<td>I Box Height</td>
<td>60&quot; (152 cm)</td>
<td>60&quot; (152 cm)</td>
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</table>

Weights*

<table>
<thead>
<tr>
<th>Weight</th>
<th>BTS50+</th>
<th>BTS50</th>
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<tbody>
<tr>
<td>Weight</td>
<td>48,700 lbs (22090 kg)</td>
<td>47,500 lbs (21546 kg)</td>
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<tr>
<td>Box Only</td>
<td>28,700 lbs (13018 kg)</td>
<td>27,500 lbs (12474 kg)</td>
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*Weights are configured empty, with fluids. Varies based on optional equipment and machine configuration.

System Controls

Peterson Adaptive Control System, Radio Remote, Peterson+ Analytics

Feed System

- **BTS50+**
  - Box Volume, Struck*: 48 yds³ (37 m³)
  - Box Volume, Typical*: 45 yds³ (34 m³)
  - Feeder Opening (w x l): 32' x 10.5"
- **BTS50**
  - Box Volume, Struck*: 45 yds³ (34 m³)
  - Box Volume, Typical*: 39 yds³ (31 m³)
  - Feeder Opening (w x l): 32' x 10.5"

Blower System

- **BTS50+**
  - Blowing Pressure: 20 psi (1.38 bar)
  - Blower: Tri-Lobe®
- **BTS50**
  - Blowing Pressure: 15 psi (1.03 bar)
  - Blower: Intake and Discharge

Discharge System

- **BTS50+**
  - 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)
- **BTS50**
  - Hose Reel: Holds up to 300 ft (91 m)
  - Supplied Hose Length: 20 ft (6 m) heavy-duty, 300 ft (91 m) standard
  - Hose Diameter: 5" (127 mm), 4" (100 mm)

Production*

- **BTS50+**
  - Discharge Volume: 60 yds³, 4 US tons (46 m³, 12.7 metric tons) per hour
  - Material Weight: up to 2700 lbs/yd³ (1601 kg/m³)

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

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

Specifications vary based on optional equipment and machine configuration and are subject to change without notice. Measurements are rounded to the nearest whole increment.

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PETERSON BLOWER TRUCKS & TRAILERS

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