

**High Capacity  
Blower Trailer**

# BTR Blower

**Pneumatic  
Delivery System  
for Landscaping  
and Erosion  
Control**

With a Peterson BTR Blower Trailer, the range of projects that you can tackle is even wider. With more time spent applying material, and less “windshield time,” jobs become more profitable for you. As with our Blower Trucks, your customers

will appreciate how you can deliver materials without disturbing their landscaping, and how fast and professionally you can complete the job.

The BTR series features the same high capacity delivery system as our popular Blower Trucks, but there are a number of advantages to a self-contained power unit;

- Directly linking the engine and blower means more power is available to the system
- Off-highway fuel can be used for the power unit, resulting in lower fuel costs
- You can continue to deliver material while the trailer is moved, without wasting time engaging and disengaging the PTO's
- A tractor can be used to move the BTR, adding versatility, since it can be used for other purposes when not needed to transport the trailer. This also represents a cost savings over a dedicated truck.

This is no ordinary blower trailer. The material feed system is engineered to yield several advantages;

- Because the feed system is at the front of the load hopper, the trailer can either be loaded through the top or the rear doors. This eliminates the need for a larger, more expensive loader. In addition, the unit can be blowing while simultaneously being loaded
- The trailer can be used as a standard live floor trailer when not needed for blower deliveries.
- Decreased weight due to a simplified rear door

A high-capacity tri-lobe blower provides increased airflow and production. The Peterson feeder delivers a large range of organic materials into the high volume air stream so you can install more material each day. Larger diameter hoses can be used to blow materials that could plug smaller



*The BTR expands your possibilities*

hoses. Plus the BTR has an innovative design that allows easy change-over to either left or right side material discharge, crucial to safe operation when operating on the roadway shoulder, and a logistic benefit to other jobs.

Lightweight aluminum construction yields increased payload capacity.

Controls are internally mounted, protecting them from the elements and other hazards.

The BTR control panel features a large LCD display that provides the operator with the information needed to efficiently operate the unit. System pressure transducers and remote monitoring capability simplify set up and provide complete engine and system parameters.

The Peterson remote control is easy to use with intuitive functions. Operators can complete jobs with less training.

TopSeal™ Live Floor® – Peterson's exclusive patented live floor moves a wide variety of materials toward the feeder more efficiently than a conveyor. Bridging that occurs with a V-shaped hopper is eliminated. Our system does not leak like a conveyor belt, reducing clean-up time at the job.

Our powered hose storage reel is mounted inside the trailer, making a clean, uncluttered exterior to the unit. Powered rotation eases hose loading and unloading, saving time and energy. Access to the power unit, feed system, blower, and hose reel is provided through an access hatch.

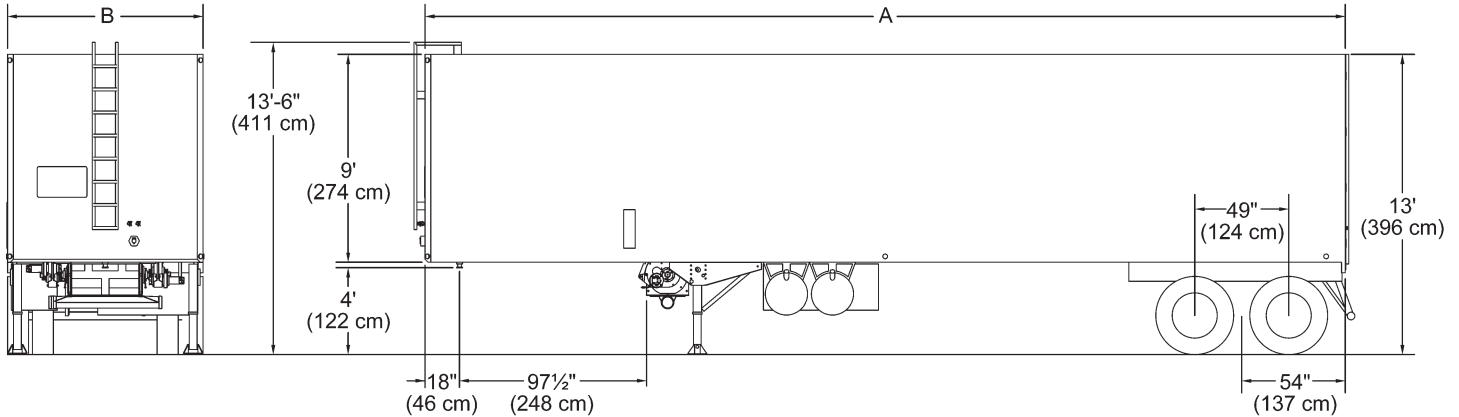
Contact Peterson to find out more about the most versatile and powerful blower trucks in the industry.

Peterson specializes in developing delivery and processing equipment that turns low-grade organic materials into high value products.



**Peterson**  
an Astec Industries Co.

# BTR 45, 70, and 90 Specifications



## Length

BTR45	30' (914 cm)
BTR70	40' (1219 cm)
BTR90	48' (1463 cm)

## Width

Standard	8'-6" (259 cm)
Optional	8' (244 cm)

## Weight - Empty, with Fluids, and Typical Options

BTR45	25,600 lbs (11612 kg)
BTR70	27,000 lbs (12247 kg)
BTR90	28,000 lbs (12701 kg)

## GCWV

BTR45 - 2 axle	70,000 lbs (31751 kg)
BTR70 - 2 axle	75,000 lbs (34019 kg)
BTR70 - 3 axle	82,300 lbs (37331 kg)
BTR90 - 2 axle	77,700 lbs (35244 kg)
BTR90 - 3 axle	86,000 lbs (39009 kg)

## Estimated Payload

BTR45 - 2 axle	23,300 lbs (10569 kg)
BTR70 - 2 axle	30,800 lbs (13971 kg)
BTR70 - 3 axle	37,000 lbs (16783 kg)
BTR90 - 2 axle	32,800 lbs (14878 kg)
BTR90 - 3 axle	40,000 lbs (18144 kg)

## Axle/Suspension

Standard Suspension	Air Ride/Fixed/Tandem
Optional Suspensions	Air Ride/Fixed/Tridem
	Air Ride/Slider/Tandem or Tridem
Axle Limit	25,000 lbs (11340 kg) each
Wheels	22.5 x 8.25 Polished Aluminum
Tires	11R22.5

## Power

Engine	Caterpillar C-7 (Tier III)
Horsepower	250 HP @ 2200 RPM
Fuel Tank Capacity	150 gal (568 L)
Hydraulic Tank Capacity	85 gal (322 L)

## Blower System

2100 CFM (987 dm <sup>3</sup> /s) @ 2700 Blower RPM
Up to 15 psi (1.05 bars) Continuous Blowing Pressure
Large Capacity Intake Filter/Silencer
Large Capacity Discharge Silencer

## Controls

Peterson Adaptive Control System  
Multi-function Radio Remote Control

## Output\*

Up to 28,000 lbs (12700 kg) per hour  
Able to Deliver Materials Weighing up to 2100 lbs/yd<sup>3</sup> (1245 kg/m<sup>3</sup>)  
Standard Discharge Hose Length 300 feet (91 m)  
Optional Discharge Hose Length up to 600 feet (182 m)  
Standard Discharge Hose Diameter 5 inch (127 mm)  
Optional Discharge Hose Diameter 4 inch (102 mm)  
Noise Level with Discharge Silencer 87 db at 23 feet (7 m)

*\*Actual results may vary due to product and terrain variables*

## Safety Features

Emergency Shut Down Buttons on Each Side of Trailer  
High Oil Temperature and Low Oil Shut Down  
Traffic Safety Kit  
Lock-out Access to the Feeder from the Front of the Trailer  
Enclosed Engine and Blower Compartment  
ABS Trailer Brakes

## Standard Features

Aluminum Box Construction with Steel Substructures  
Hallco 4000 Series TopSeal™ 2-way Live Floor®  
Manual Side Rollover Shur-Loc™ Tarp  
Powered Blower Hose Reel Enclosed in Front of Trailer  
Air Scale for Rear Air Suspension  
Viewing Windows at the Front and Rear of Material Hopper  
Access Ladder at Front of Trailer  
Right or Left Feeder Discharge  
60" (152 cm) Tool Box

## Options\*\*

Dual Drive Feeder System  
Dust Suppression System includes 300 gallon (1136 L) (290 gallon (1098 L) on 8' wide trailer) Water Tank, Hose Reel, and Pump  
Extra 60" (152 cm) or 48" (122 cm) Tool Boxes  
One, Two, or Three Supplemental Injection Systems for Grass Seed, Fertilizer, and/or Microblend™

Custom Graphic Package  
Front and Rear Mounted Strobe Light for Roadside Work

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

**Specifications subject to change without notice**

**PETERSON** an Astec Industries Company

PO Box 40490 • Eugene, OR 97404 • Tel 800.269.6520 Fax 541.689.0804 • www.petersoncorp.com

