

**LEAD
THE
FIELD.**

Diesel-Powered **1345B U-Trough Augers**



Redesigned Reliability.

Introducing the all-new diesel-powered 1345B U-Trough Auger. Diesel power delivers enhanced fuel efficiency and reliability, reducing costs and downtime. The 1345B provides easy access to all components, reliable operation, and peak performance. Plus, its gentle handling protects your crops from damage, maximizing your profit margins.

① Increase Productivity

These augers deliver superior throughput to keep your trucks moving:

- Intakes use oversized flighting and a funnel-shaped hopper to improve grain flow efficiency and keep the tube full, moving 9,500+ bushels per hour (diesel drive).
- 13" U-trough allows more grain to move above the flighting for higher output and less damage in a wider range of conditions.
- The retractable hopper provides 14" – 24" of clearance for getting under bins and raises up to prevent product loss.

② Maximize Uptime

Brandt U-Troughs are built to power through tough conditions and keep you working:

- The upgraded drive system includes a heavy-duty gearbox and double bearings on the chain drive delivers higher load tolerance, while the solid driveline and chain coupler ensure smooth, reliable operation.
- The triple-banded belt delivers maximum traction, while the true parallel-link belt tensioning system maintains ideal power transfer.
- Purpose-built discharge flares open to handle peak capacities to prevent risk of plugging and direct grain flow downward.

③ Simple Operation

Our versatile design is optimized for more conditions and bin setups to help simplify your operation:

- A frame-mounted engine keeps all controls and most service points at ground level to add convenience and ease of use
- HP provides industry-leading reach at 16'; while the LP provides 19' intake reach with a low-clearance hopper to ensure an optimized fit for more bin setups.
- Centralized operator control station includes the ignition, throttle, electric clutch, and EZMOVE operations in one convenient location.

Powerful Value. **Delivered.**

Brandt

Diesel-Powered 1345B U-Trough Augers Specifications

	1345BHP	1345BLP
Capacity¹ (bushels per hour)		
Diesel - Canola (48hp)	9,500+	up to 8,600
Diesel - Durum (48hp)	9,500+	up to 8,400
Dimensions		
Length	45'	48'
Height - Lowered	10' 3"	9' 10"
Height - Raised	21' 11"	21' 10"
Height - Transport	11' 1"	12' 1"
Reach - Lowered	16' 2"	16' 2"
Reach - Raised	16' 7"	16' 7"
Intake Reach - Lowered	15' 11"	19' 2"
Intake Reach - Raised	14' 10"	18' 1"
Width	8'	8'
Trough Thickness	12 ga w/ 3/16" top cover	12 ga w/ 3/16" top cover
Trough Length	46' 9"	51' 6"
Trough Width	11"	11"
Trough Depth	13"	13"
Main Flight	10" x 7 ga	10" x 7 ga
Intake Flight	11" x 1/4"	11" x 1/4"
Flight Core Diameter	2"	2"
Top End Drive	#80	#80
Drive Belt	Triple-banded cogged	Triple-banded cogged
Weight (lbs)		
Diesel - Hitch	~440	~520
Diesel - Total	~4,350	~4,490

- All augers come complete with drive shaft, guards and pulley shields.
- Capacities will vary depending on commodities and other environmental factors.
- All gear boxes come complete with oil.

¹ Standard auger capacities are based on wheat at a 20 degree angle of incline with a moisture content of 14.5% and a 62 lb US bu.

Options

HP Intake

The High Performance (HP) intake offers peak capacities up to 7,500 bu/hr in cereal crops and up to 9,000 bu/hr in canola.

LP Intake

The Low Profile (LP) intake provides up to 3' of additional intake reach for wide diameter hopper bins and an intake height less than 14".

Reasons to Choose Diesel:

1 Higher Capacity

The proven Yanmar 48hp engine can withstand higher torque and heavier loads compared to gas drive models. This allows the 1345B to be used to its maximum potential and reach capacities ranging from 8,400 – 9,500+ bu/hr.

2 4-Cylinder Engine

With the additional power provided by the 4-cylinder diesel engine, the 1345B has more torque, so flighting RPM can be subtly increased, pushing more grain. This allows the engine to run more smoothly and reliably than other 3-cylinder diesel engines on the market.

3 More Reliable

The engine is built to withstand higher compression ratios and is more robust and longer lasting than gasoline engines. It also performs better in cold weather. The engine itself is less prone to issues such as vapor lock and will start more reliably in low temperatures.

4 Streamlined Operations

Use diesel across all your machinery to simplify operations while reducing the risk of fueling errors. And you can take advantage of bulk purchasing discounts for diesel fuel.

AWD EZMOVE Kit

Maximizes traction and maneuverability.

Scan to learn more.



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