

Save weight. Save time. Save fuel. Save money.

All while saving the planet.

Nobody said going green couldn't be profitable.

At BTI, we work hard at making products that work better, last longer and weigh less. It's just common sense engineering and product development.

A beautiful side note to this? It's also good for the environment. Engines that run less produce less greenhouse gasses. Products that unload faster cut down on idling engines and stay out of landfills.

So take a minute to review the following charts and then give us a call, we'll show you how to reduce your carbon footprint and increase your bottom line.

Save Weight

4 Hopper flour trailer using 5" valves and tees

(values expressed in pounds)

	BTI	Competition	WEIGHT SAVINGS
3 inch Valves - 3 per trailer	5.25	12.00	6.75
5 inch Valves - 4 per trailer	12.8	32.0	19.2
Hopper Tees - 4 per trailer	76 - Easy Open	LPSW= 116	40.0
Check Valves - 2 per trailer	8.8	10.1	1.3
Couplers - 10 per trailer	35.0	45.0	10.0
TOTAL WEIGHT SAVINGS PER TRAILER			77.25

Save Time. Save Fuel. Save the Planet.

Parameters used for calculations

- One hour of idling consumes one gallon of fuel.
- Tractor running at 3 times normal idling rpm's while unloading.
- One hour of unloading consumes approximately three gallons of fuel.
- One gallon of diesel produces 22.38 lbs. of CO₂ greenhouse gas¹
- Ten minutes faster unloading saves 1/2 gallon of fuel cost.
- 0.50 Gallons of fuel consumed in ten minutes of unloading
- \$3.50 Current average cost of diesel fuel per gallon
- \$1.75 Fuel cost savings in ten minute unload reduction

Units in Operation	Annual ² Fuel Savings 1 load per day	Annual ² Pounds of Greenhouse Gas Savings 1 load per day	Annual ² Hours Saved 1 load per day
1	\$455	2,909	43
50	\$22,750	145,470	2,167
100	\$45,500	290,940	4,333
200	\$91,000	581,880	8,667

¹ SOURCE: United States Energy Information Administration

² Based on 260 work days



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