

Tandem Axle

Fertilizer / Lime - Ground Wheel Drive



## IS LIBERTY RIGHT FOR YOU?

- Medium Capacity
- Variety of Applications
- Ground Wheel Drive Conveyor
- PTO or Hydraulic Driven Spinners

## Your Lowest "Cost In Use" Spreader

- UHMW and Stainless Steel reduces corrosion issues and extends the life of the spreader.
- UHMW Bearing Back keeps bearings clean resulting in longer bearing life and fewer failures.
- Proprietary MagnaSpread system delivers a wider, flatter more consistent pattern.
- Dual Rack and Pinion gate prevents jams.
- Overhead Spinner Motors are ABOVE the chemical resulting in extended motor life.
- PTO spinner spreads FERTILIZER 60' vs. traditional designs ranging from 30' - 50'.
- PTO spinner spreads LIME 60' vs. traditional designs that spread 30'.
- Hydraulic spinners spread FERTILIZER 80' vs. traditional designs that spread 50'.

- Save Fuel & Time
- Lower Maintenance Expense

### BBI "Cost in Use" Calculator

	BBI	Other
Fuel Consumption gal / hour	7.0	7.0
Cost of Fuel	\$ 4	\$ 4
Fuel Cost per hour	\$ 28	\$ 28
Speed (mph)	7.0	7.0
Swath (ft)	80	60
Effective Driving Interval	80	55
Acres per Hour	67.9	46.7
Acres to Cover	1500	1500
Hours per application	22.1	32.1
Fuel Cost per application	\$ 619	\$ 900
Applications per Year	2	2
Fuel Cost per Year	\$ 1,238	\$ 1,800
Spreader Life (years)	7	7
Fuel Cost - Life of Spreader	\$ 8,663	\$12,600
Fuel Savings (Life of Spreader)	\$ (3,938)	-31.3%
Hours Saved (Life of Spreader)	(140.6)	-31.3%

\* Values used in this example are representative of average numbers and are not intended to be specific to all applications

See Our Authorized Seller

[www.BBISpreaders.com](http://www.BBISpreaders.com)

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## Tandem Axle

## Fertilizer / Lime - Ground Wheel Drive

Suggested Use: Specialized distribution of granular fertilizer, lime, PTL, Sand, Marl, or Organics

External Ground Wheel Drive by traction against the tire to the Conveyor. Ground wheel hydraulically engaged and disengaged from the tire during operation

Terminology: **(PTPG)** (Pull-Type, Tandem-Axle, Partial Ground-Wheel Drive) **(4516)** (45 Degree Sides, 16" Conveyor)

- PTO or Hydraulic Driven Spinners
- UHMW Comb Cover prevents streaking in the field.
- Flotation tires minimize compaction.
- One-piece CNC machined comb gets longer chain life.

Hopper 96" wide 5 - 9 - 14 ton applicator	STD	OPT
10' Bolt on Hopper	X	
Carbon Steel Hopper - 409 Stainless Steel Floor		X
12' Hopper (170 cu ft struck L Body, 210 cu ft H Body, 235 cu ft struck B body) hydraulic only		X
304 Stainless Steel Hopper and Floor	X	
409 Stainless Steel Hopper and Floor	X	
6" Higher Body (H type), 10" Higher Body (B type)	X	
Dual Speed Pulley (540 rpm, 1000 rpm)	X	
Self Contained Hydraulic System	X	
All Ground Wheel Drive (Manual Engage Only)	X	
Tarp - Box Type with Bow (Vinyl)	X	
Heat Shrink Wrapped Hydraulic Fittings	X	
Conveyor - Two speed Standard 16" wide, 304 SS Mesh Chain		
16" 304 Stainless Steel Mesh Chain or Bar Chain	X	
18" 304 Stainless Steel Mesh Chain or Bar Chain	X	
20" 304 Stainless Steel Mesh Chain or Bar Chain	X	
24" Bar Chain	X	
Belt over Bar Chain	X	
Stainless Steel #60 Chain	X	
Manual Engage Hydraulic Pump	X	
Spinner - Twin 24" dished 6 blade spinners driven by PTO		
Specify 540 RPM or 1000RPM	X	
Adjustable Gate and Flow Divider. Includes Fin Placements	X	
Stainless Steel Spinners & Fins	X	
Hydraulic Plug to Tractor Spinners with Priority Valve	X	
Ground Wheel Drive Conveyor	X	
Metal Press Wheel		X

Suspension, Wheels and Tires:	STD	OPT
7,000 lb "Torsion-Flex" tandem axles (12.5Lx 15 tires & 6 bolt hubs)	X	
9-Ton Heavy Duty Tandem Axle Suspension (16.5L x 16.1 Tires 8-bolt hubs, 10,000 lb axle)		X
3rd Axle 10,000 lb W 16.5 x 16.1 Tires		X
2" Spacers between Frame and Axles		X
BBI Walking Beam 10 ton Heavy Duty Suspension with 16.5L Tires 8 bolt hubs and Series 4 CV joint PTO Shaft		X
Heavy Duty Clevis Hitch	X	
Pintle Hitch		X
12.5L x 15 Implement Tires with 6 bolt hub	X	
14L x 16.1 Flotation Tires in lieu of a 12.5L tire		X
16.5L x 16.1 Flotation Tires 8 bolt hubs (Standard: 9 ton Torsion Flex, 10 ton Walking Beam)		X
19.5L x 16.1 Flotation Tires in lieu of a 16.5L tire		X
21.5L x 16.1 Flotation Tires 10 ply - in lieu of a 16.5L tire		X
Trelleborg 480/45-17 in lieu of 16.5L tire with 8 bolt hub		X
Trelleborg 560/60-22.5 Tires in lieu of 21.5L 14 ply 14 ton walking beam		X
Hydraulic Surge Brakes - Torsion Flex Axles - not an option for Walking Beam		X
One axle 7,000 lb		X
One axle 10,000 lb		X
Two axle 7,000 lb		X
Two axle 10,000 lb		X
Controls		
Mid Tech EXR IV Servo Control Valve		X
Complete Control Systems Available		X

### Notes:



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