

# MagnaSpread



Variable Rate Ready  
IsoBus Ready

10' Single Axle

Fertilizer / Lime - Hydraulic



## IS MAGNASPREAD RIGHT FOR YOU?

- BBI Binary™ Manifold Precision Agriculture Ready
- Advanced Technology for the most sophisticated farmer!
- Spreads lime at up to 2 tons per acre at 14 mph with a 60' swath.
- Spreads fertilizer in 80' plus swaths!

## 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, giving 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.
- Pull with a tractor - no need to maintain a dedicated chassis and power train.
- Variable rate technology or straight rate control.
- UHMW Comb Cover prevents streaking in the field.
- BBI Spreaders are "Option Rich" and can be customized to your specific application.
- Flotation tires and wide swath minimize compaction.

- Save Fuel & Time
- Lower Maintenance Expense

BBI "Cost in Use" Calculator		
	BBI	Other
Fuel Consumption gal / hour	7.0	7.0
Cost of Fuel \$ / gal	\$ 4	\$ 4
Fuel Cost per hour	\$ 28	\$ 28
Speed (mph)	10.0	10.0
Swath (ft) Fertilizer	80	50
Effective Driving Interval	80	45
Acres per Hour	97.0	54.5
Acres to Cover	10,000	10,000
Hours per application	103.1	183.3
Fuel Cost per application	\$ 2,888	\$ 5,133
Applications per Year	2	2
Fuel Cost per Year	\$ 5,775	\$ 10,267
Spreader Life (years)	7	7
Fuel Cost - Life of Spreader	\$ 40,425	\$ 71,867
Fuel Savings (Life of Spreader)	\$ (31,442)	-43.8%
Hours Saved (Life of Spreader)	(1,122.9)	-43.8%

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

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

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**BBI**   
*Variable Rate Ready*  
*ISOBUS Ready*

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**Suggested Use:** For distribution of Granular Fertilizer or Lime in applications needing medium capacity and High Clearance. Ideal for Rowcrops, Turf or Sod farms. Designed for high clearance and precise width to straddle rows.

Terminology: **(PSHP)** (Pull-Type, Single-Axle, Hydraulic Powered) **(4520)** (45 Degree Sides, 20" Conveyor)

**BBI BINARY™ HYDRAULIC MANIFOLD SYSTEM:** Combines the hydraulic controls for the conveyor and spinners into one control manifold. It includes proportional manual speed control for both spinners and conveyor. Pilot operated relief is standard. A dump valve and a GR is standard for the conveyor. The modularity of the BBI Binary Manifold allows for quick easy conversion to GR option and to electronic control.

**Rate Control and Guidance:** The Tee Jet CL250 is included in the list price. The CL250 provides straight rate control and guidance in one simple package.

Electronic Controls	STD	OPT
IC 18 ISOBUS Straight Rate System and CL250 - Standard	X	
Variable Rate Control with Guidance Available		X
<b>Hopper</b>		
10' x 96" w 49" h <b>L Body</b> Low Standard Hopper (170 cu ft struck)	X	
45 degree sides, 20" chain, Bolt on Hopper standard	X	
10' x 96" w x 56" h <b>H Body</b> High Hopper (210 cu ft struck)		X
304 Stainless Steel Hopper and Floor	X	
409 Stainless Steel Hopper and Floor		X
MagnaSpread Option	X	
GR Hydraulic System (High output / Low output)	X	
2" x 6" Extension Brackets with or without wood		X
Bolt on Hydraulic Pipes		X
<b>Light Package</b> - Rear Tail Lights with Turn Signal, Side and Center Markers, Corrosion Resistant Wiring Kit (not in conduit).		X
<b>Hydraulic Options</b>		
Heat Shrink Wrapped Hydraulic Fittings	X	
BBI Binary™ Manifold	X	
Tandem Gear Case - MagnaSpread	X	
GR Valve	X	
Tractor supplied hydraulic (42 GPM required)		X
<b>Conveyor Options</b>		
20" 304 Stainless Steel Mesh Chain	X	
20" Bar Chain by request		X

Spinner	STD	OPT
24" MagnaSpread System - Overhead Hydraulic Spinner Motors	X	
Stainless Steel Spinners & Fins		X
<b>Frame and Suspension</b>		
12,000 lb rigid single-axle with "8 on 8" AG Hubs (68" to 80" tread centers		
High Clearance (additional 8") (add to 11.25 wheel option)		X
<b>Hitch and Jack</b>		
Heavy Clevis Hitch	X	
Heavy Duty Jack		X
<b>PTO Drive Line Options</b>		
1000 RPM Series 5 Large PTO Shaft		X
540 RPM Series 4 or 6 CV Joint PTO Shaft		X
1000 RPM Series 4 or 6 CV Joint PTO Shaft		X
<b>Tire and Wheel</b>		
10 ply 21.5 x 16.1 Tires W16C x 16.1 Ag type wheels		X
11.25" x 28" Tires and Wheels on 24,000 lb axle (10 bolt hubs)		X
18.4 x 16 Diamond tread Row Crop Tire in lieu of 21.5		X
<b>Reversible</b> 11.25" x 28" wheels (62" to 74" Track add to 11.25 option)		X
<b>Tarps</b>		
10' Box Type w Bow (Vinyl)		X

Notes:



"State of the Art"  
Electrostatic Paint Process



\* Custom Colors Available

Primed with a rust inhibiting alkyd primer then top-coated with high gloss enamel. Two Color Paint is an Option.

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