

# MagnaSpread



Variable Rate Ready  
IsoBus Ready

10' to 12' Tandem 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**   
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**Suggested Use:** For precision distribution of Fertilizer / Lime on large acreage farms and custom applications. Terminology: **(PTHP)** (Pull-Type, Tandem-Axle, Hydraulic Powered) **(4520)** (45 Degree Sides, **20"** Conveyor) Hydraulic Drive Pump off PTO for spinners and Conveyor with Tandem Gear Case includes 35 gallon oil reservoir and speed control valves for the spinner and 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>		
<b>10' Hopper (L body 170 cu ft struck, H body 6" higher - 210 cu ft struck, B body 10" higher -235 cu ft struck)</b>		
<b>12' Hopper (L body 204 cu ft struck, H body 6" higher - 252 cu ft struck, B body 10" higher - 282 cu ft struck)</b>		
45 degree sides	X	
Bolt on Hopper	X	
304 or 409 Stainless Steel Hopper and Floor		X
12 x 12 Sight Window		X
Ladder (Carbon or Stainless Steel)		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	
BBI GR™ Valve- Standard	X	
Tandem Gear Case - Standard on MagnaSpread™	X	
Tractor supplied hydraulic (42 GPM MagnaSpread™)		X
<b>Conveyor Options</b>		
20" Bar Chain by request	X	
20" Stainless Steel Mesh Chain - Recommended by BBI	X	
<b>Spinner Adjustable Gate and Flow Divider - Fin Replacements - STANDARD</b>		
24" MagnaSpread™ System - Overhead Hydraulic Spinner Motors	X	
Stainless Steel Spinners & Fins		X
<b>Frame and Suspension</b>		
Heavy Duty Clevis Hitch	X	
Secure Hitch Storage Bracket (use if both pintle and clevis are used)	X	
Pintle Hitch		X
<b>9 Ton Heavy Duty Tandem Axle Suspension</b> (16.5L x 16.1 Tires and 8-Bolt Hub, 10,000 lb axles)	X	
<b>BBI Walking Beam™ 10 Ton Heavy Duty Suspension</b> (16.5L Tires and 8-Bolt Hub) Includes CV Joint PTO shaft series 4, Heavy Duty Jack.	X	
<b>BBI Walking Beam™ 14 Ton Heavy Duty Suspension</b> (21.5L 14 Ply Tires and 10-Bolt Hub) Includes CV Joint PTO shaft series 4, Heavy Duty Jack.	X	

PTO Drive Line Options CV Joint PTO Shaft STANDARD in Walking Beam Suspension Packages		
540 RPM Series 6 CV Joint PTO Shaft		X
1000 RPM Series 6 CV Joint PTO Shaft		X
Tire and Wheel	STD	OPT
16.5L x 15 Implement Tire with 8 bolt hub	X	
<b>Trelleborg 400/55-22.5 T404</b> in lieu of 16.5L x 16.1 8 bolt wheels/tires		X
<b>Trelleborg 500/45-22.5 T404</b> in lieu of 16.5L x 16.1 8 bolt wheels and tires. Comparable in size to 19L x 16.1 and 21.5L x 16.1.		X
<b>Trelleborg 560/60/22.5 T404</b> tires in lieu of standard 21.5 x 16.1 - 14 ply 10 Bolt wheels and tires.		X
19L x 16.1 <b>Flotation Tires</b> in lieu of standard 16.5 8 bolt wheels and tires		X
21.5L x 16.1 <b>Flotation Tires</b> in lieu of standard 16.5L 8 bolt wheels and tires		X
<b>Surge Brakes - Torsion Flex Axles ONLY</b>		
One Axle 7,000 lb or 10,000 lb		X
Tandem Axle 7,000 lb or 10,000 lb		X
Inverted "V"		
Overslung Carbon or 304 Stainless Steel Removable		X
<b>Tarps</b>		
10' or 12' Box Type with Bow (Vinyl)		X
10' or 12' Shur-Lok Aluminum or Stainless for H or B Hoppers		X



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