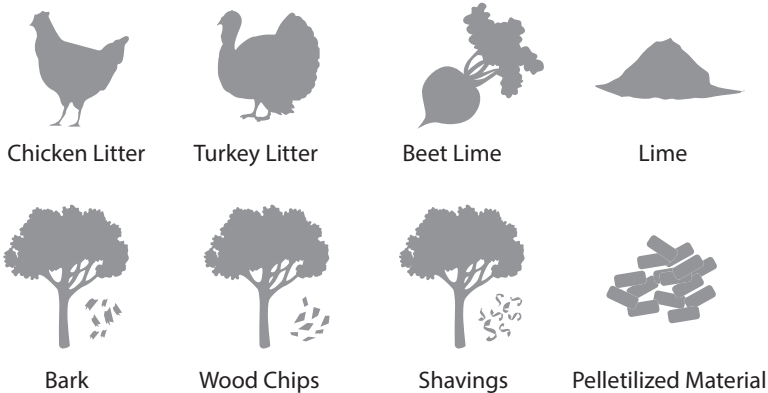


BBI ENDURANCE IS IT RIGHT FOR YOU?

Is BBI Endurance Right for You?

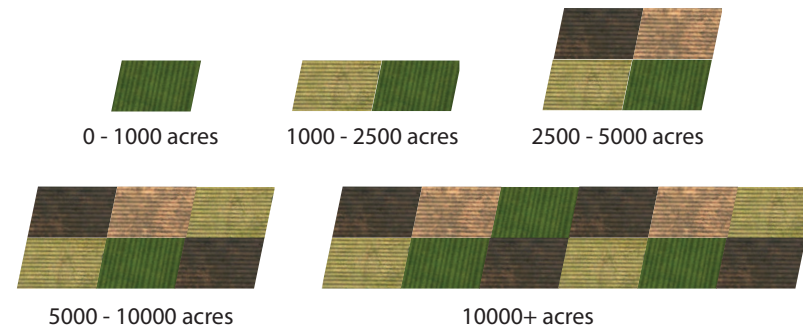
Meet the leader in precision application of litter, manure, and a host of other organic materials. The Endurance is optimized to get the job done when it comes to spreading a range from light to heavy materials on farms of all sizes. The Endurance is a tough, durable spreader that achieves targeted application with a uniform spread pattern. Powered by hydraulics and a spinner system that achieves a wide spread pattern that others can only achieve with much heavier material, the Endurance is optimized for precision agriculture and improving the economics of the modern farm.

Spreads Large Variety of Materials



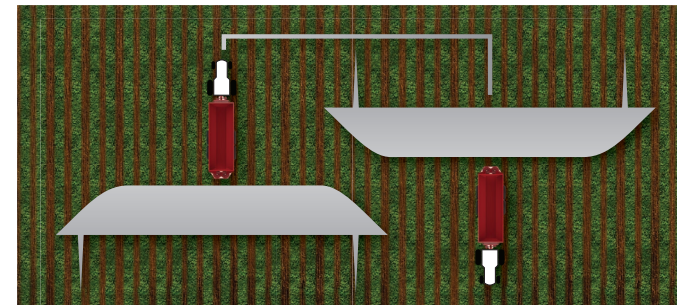
Choice Equipment for Multiple Farm Sizes

From 50 acres to 10,000 acres, BBI Endurance is customized to fit your unique needs.



Unbeatable Flat Spread Pattern

BBI Spreaders are known for their precision. That precision is achieved through targeted application of material across an unbeatable spread pattern that can create driving intervals up to 60-feet. True pattern, true swath, and true drive interval equals a high percent reduction in fuel expended and time spent in the field—that means improved economic performance of your operation. That is what the BBI Endurance is all about.



Superior Salford BBI Driving Interval

Fuel and time to apply is reduced by 50% Lower Maintenance Expense

BBI Endurance Cost-in-Use Calculator		
	BBI Endurance	Other
Fuel Consumption (gal/hour)	7.0	7.0
Cost of Fuel (\$/gal)	\$ 4	\$ 4
Fuel Cost (\$/hour)	\$ 28	\$ 28
Speed (mph)	7.0	7.0
Swath (feet) with Hydraulic Spinner	50	30
Effective Driving Interval	50	25
Acres per Hour	42.4	21.2
Acres to Cover	600	600
Hours (per application)	14.1	28.3
Fuel Cost (\$/application)	\$ 396	\$ 792
Applications (per year)	3	3
Fuel Cost (\$/year)	\$ 1,188	\$2,376
Spreader Life (years)	7	7
Fuel Cost - Life of Spreader	\$ 8,316	\$ 16,632
Fuel Savings	\$ (8,316)	-50%
Hours Saved	(297.0)	-50%

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

BBI ENDURANCE

Customized For Your Needs

Option-rich and available in sizes ranging from 10-24 feet in pull-type and truck-mount versions, Salford's BBI has the Endurance model to fit your farm for today's needs and future growth.

Suspension Options

Options **TORSION AXLE**

- **7,000 lb "Torsion-Flex" Tandem Axle**
(12.5 X 15 implement Tires with 6-Bolt Hub)
- **9 Ton Heavy Duty Tandem Axle Suspension**
(16.5 X 16.1 Tires and 8-Bolt Hub, 10,000 lb Axles)

WALKING BEAM

- **10 Ton Walking Beam** (16.5L X 16.1 Tires and 8-Bolt Hub)
Includes Series 6 CV Joint, Heavy Duty Jack
- **14 Ton Walking Beam** (21.5 14 Ply Tires and 10-Bolt Hub)
Includes Series 6 CV Joint, Heavy Duty Jack
- **20 Ton Walking Beam Endurance Suspension Upgrade**
(710/60-30.5 Tire and 10-Bolt Hub)
Includes Tubular Trailer Frame, Series 6 CV Joint PTO

Torsion Axle



Walking Beam

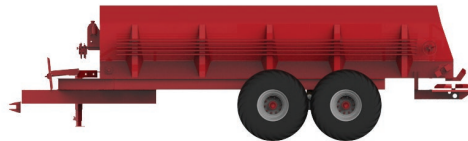


Body Size Options

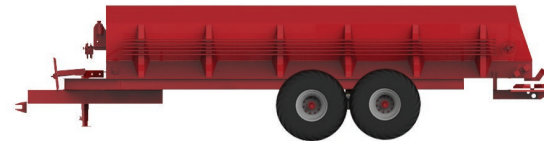


Options:

• 14 - 16 feet

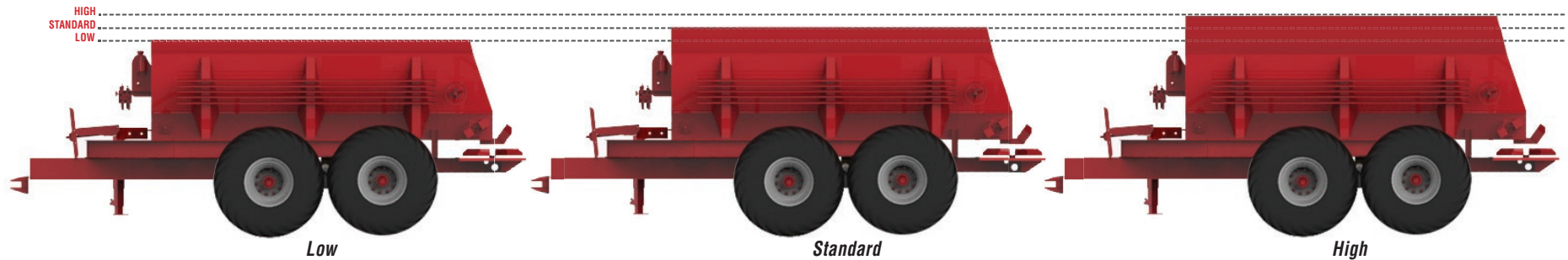


• 18 - 22 feet



• 24 feet

Hopper Construction Body Options



- Options:**
- **LOW PROFILE HOPPER** has a capacity of 16 cubic feet struck level per linear foot, is 88 inches wide and 45.5 inches high.
 - **STANDARD PROFILE HOPPER** has a capacity of 20 cubic feet struck level per linear foot, is 88 inches wide and 51.5 inches high.
 - **HIGH PROFILE HOPPER** has a capacity of 23.5 cubic feet struck level per linear foot, is 88 inches wide and 57.5 inches high.
 - **WIDE HOPPER** has a capacity of 21 cubic feet struck level per linear foot, is 96 inches wide and 52 inches high.

Load Height Options

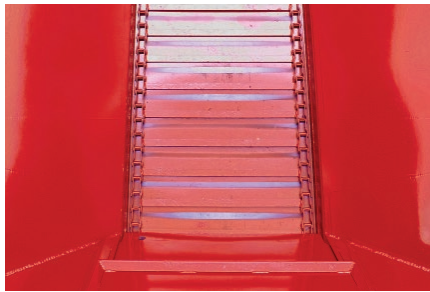
Suspension Type	Tire Size	Low Profile (Inches)	Standard Profile (Inches)	High Profile (Inches)
7,000 lb "Torsion-Flex" Tandem Axle	12.5	73.5	79.5	85.5
7,000 lb "Torsion-Flex" Tandem Axle	14	76	82	88
9 Ton Heavy Duty Tandem Axle Suspension	16.5	81.5	87.5	93.5
9 Ton Heavy Duty Tandem Axle Suspension	500	81.5	87.5	93.5
9 Ton Heavy Duty Tandem Axle Suspension	21.5	83.5	89.5	95.5
10 Ton Walking Beam	16.5	83.5	89.5	95.5
10 Ton Walking Beam	500	83.5	89.5	95.5
10 Ton Walking Beam	21.5	85.5	91.5	97.5
14 Ton Walking Beam	21.5	85.5	91.5	97.5
14 Ton Walking Beam	550	88	94	100
14 Ton Walking Beam	700	88	94	100
20 Ton Walking Beam Endurance Suspension	800	102	107.5	114

BBI ENDURANCE

Lime Spreader Package

Now more than ever, the BBI Endurance gives you greater return on investment through more choice on the farm, with heavy duty lime packages available. Greater versatility for greater economic performance, season to season.

Standard Lime Spreader Package



1 "Close Bar" Conveyor Chain
(Bars Every Other Link)

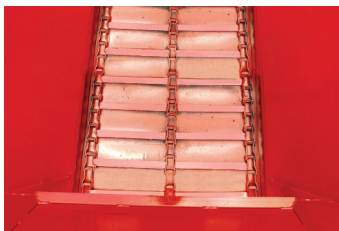


2 Center-V



3 Single Tandem Gear Case

High Performance Lime Spreader Package



1 3rd Run 88k Conveyor Chain



2 Over-Slung Center-V



3 Poly Floor (UHMW)



4 Two Tandem Gear Cases



5 Walking Beam Suspension

BBI Endurance Specifications *Pull-Type & Truck Mount* More options available. See your dealer for complete equipment specifications.
Litter / Lime / Shavings / Compost / Other Organic Material

	14 foot, 16 foot, 18 foot Mechanical Drive	14 foot, 15 foot, 16 foot Hydraulic Drive	18 foot, 20 foot, 22 foot Hydraulic Drive	24 foot Hydraulic Drive*
		Truck Mount Available	Truck Mount Available	Truck Mount Available
Hopper Material	10 Gauge Carbon Steel with Electrostatic Paint (7 Gauge Carbon Steel Optional)			
Hopper Floor	Standard: Steel / Optional: Poly	Poly Floor		
Low Profile Body (16 cu ft, per foot struck)		224, 240, 256	288, 320, 352	384
Standard Capacity (20 cu ft, per foot struck)	280, 300, 320	280, 300, 320	360, 400, 440	480
Wide Body (21 cu ft, per foot struck)		294, 315, 336	378, 420, 462	504
High Capacity (23.5 cu ft, per foot struck)		329, 352.5, 376	423, 470, 517	564
Conveyor	• 34 inch wide "Close-Bar" Conveyor Chain with 2 runs of 88K Chain. (Bars Every OTHER Link)			
Spinner Construction	Carbon Steel Spinner. Overhead Spinner Drive Motors. (PTO or Plug to Tractor Spinner Drive is Available.)			
Spinner Size	24 inch, 4 blade	28 inch spinner, 6 blade		
Drive	• 50:1 Gear Case with 2 inch Output Shaft, • Choose: 540 RPM 6 Series CV or 1000 RPM 6 Series CV	• Standard: Tandem Gearcase Optional: Second Tandem Gearcase • Choose: 540 RPM 6 Series CV or 1000 RPM 6 Series CV*		
Hydraulic Drive Control	• BBI Binary Manifold (Combines the hydraulic controls for the conveyor and spinners into one control manifold. Allows for quick ISOBUS Connection)			
Tires & Suspension	<ul style="list-style-type: none"> Standard: 7,000 lb "Torsion-Flex" Tandem Axle (12.5 X 15 Implement Tires with 6-Bolt Hub) Optional: 10,000 lb axles, 9 Ton Heavy Duty Tandem Axle Suspension (16.5 X 16.1 /tires and 8-Bolt Hub) Optional: 10 Ton Walking Beam (16.5L X 16.1 Tires and 8-Bolt Hub) Includes Series 6 CV Joint PTO, Heavy Duty Jack Optional: 14 Ton Walking Beam (21.5 14 Ply Tires and 10-Bolt Hub) Includes Series 6 CV Joint PTO shaft, Heavy Duty Jack 	<ul style="list-style-type: none"> Standard: 10,000 lb axles, 9 Ton Heavy Duty Tandem Axle Suspension (16.5L x 16.1 Tires and 8-Bolt hub) Optional: 10 Ton Walking Beam (16.5L X 16.1 Tires and 8-Bolt Hub) Includes Heavy Duty Jack 	<ul style="list-style-type: none"> Standard: 10 Ton Walking Beam (16.5L X 16.1 Tires and 8-Bolt Hub) Includes Heavy Duty Jack Optional: 14 Ton Walking Beam (21.5 14 Ply Tires and 10-Bolt Hub) Includes Heavy Duty Jack Optional: 20 Ton Walking Beam Endurance Suspension Upgrade (800/65R32 Tire and 10-Bolt Hub), Includes Tubular Trailer Frame. CV Joint PTO shaft series. 	<ul style="list-style-type: none"> Standard: 21.5L x 16.1 Flotation Tire and 10 Bolt Hub on 14 Ton Walking Beam Suspension
Optional Tire Upgrades	<ul style="list-style-type: none"> 14L x 16.1 Flotation Tires in lieu of standard 12.5L x 15 6 bolt wheels and tires 21.5L x 16.1 Flotation Tires in lieu of standard 16.5 8 Bolt wheels and tires 500/45-22.5 Tires in lieu of standard 16.5L x 16.1 8 Bolt wheels and tires 550/60-22.5 Tires in lieu of standard 21.5 x 16.1 14 Ply 10 Bolt wheels and tires 700/40-22.5/16 1-3 Tires (Requires 14 ton walking beam) 			
Additional Options	Hydraulics Options: Hy-Torque Manifold, GR Value, High Duty Cycle Hydraulics (includes more efficient pumps and motors as well as an oil cooler)			
	Hopper Sight Window, Hopper Ladder, Hopper Extensions, Electric Brakes, Light Kit, Scales, Tarp			
	1/4 inch floor rails, 3rd run of 88K drive chain, Hopper Inverted "V" (prevents material bridging)			