

ROTO-SPREAD

**The New Standard in
Spreader Performance**



**Patented
Design**





Features and Benefits

- Patented Belt and Retention Gate Design— Carries the Material which Requires Less Horsepower and Provides for a Smooth and Even Flow of Material
- High Speed Double Flighted Vertical Beater System—Produces a Wide and Even Spread Pattern and Eliminates Large Chunks
- Automatic Belt Speed Reduction in Response to Excessive Beater Pressure— Eliminates Stalling of Beater System
- Reversible Belt— Allows for Removal of Foreign Objects
- Adjustable or Removeable Wings— Allow for Changes in Width of Spread Pattern



Roto-Spread	362-12 Trailer	532-16 Trailer	672-20 Trailer
Capacity (Heaped)	360 Cubic Feet	530 Cubic Feet	670 Cubic Feet
Load Capacity (Net)	19,000 Lbs.	34,000 Lbs.	43,000 Lbs.
Inside Dimensions	48" High 61" Wide 144" Long	48" High 71.5" Wide 192" Long	48" High 71.5" Wide 240" Long
Minimum Tractor Horsepower	120	150	180



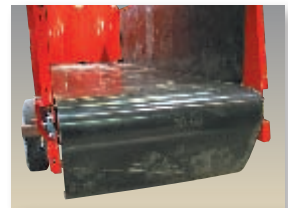
Heavy Duty Planetary Gearbox with Extra Heavy Duty Drive Chain for Long Life and Durability.



Central Control Valve for All Hydraulic Connections and Remote Control Functions.



Simple Open Bar Roller for Belt with Standard Bearings.



Bottom, Sides and End Gate Made of High Density Polyethylene. Belt Made of 5/16" Thick 350 PSI PVC Material.



Optional Electronic Scale for Weighing Load and Monitoring Application Rate From Your Tractor Cab.



UHMW Blocks Guide Retention Gate as it Slides.



Simple Tractor Cab Control Panel with Optional Remote Speed Control. Allows "on-the-go" Belt Adjustment and a Stalled Beater Alarm.

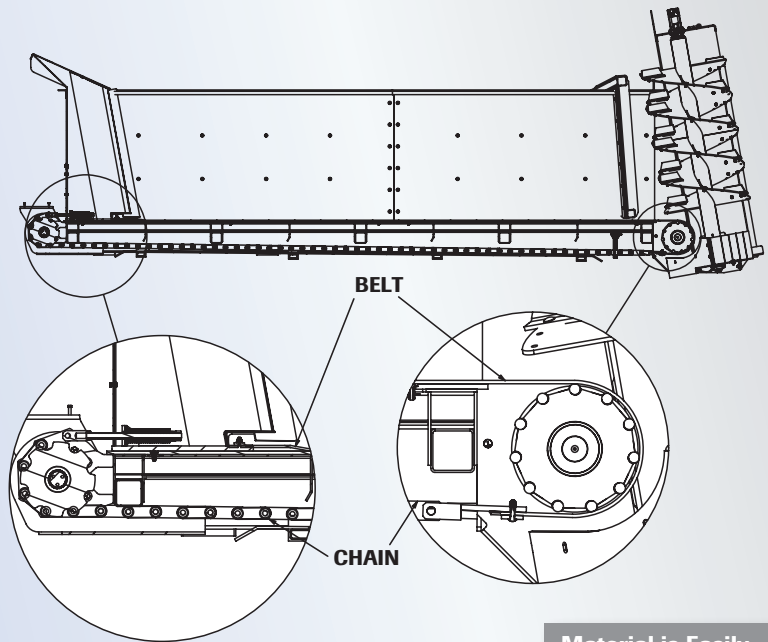


Solid Steel Frame for Strength Under the High Density Polyethylene Floor and Sides.

Roto-Spread	532-16 Truck	672-20 Truck	802-19 Truck
Capacity (Heaped)	530 Cubic Feet	670 Cubic Feet	800 Cubic Feet
Load Capacity (Net)	34,000 Lbs.	43,000 Lbs.	50,000 Lbs.
Inside Dimensions	48" High 71.5" Wide 192" Long	48" High 71.5" Wide 240" Long	48" High 90" Wide 228" Long
Minimum Truck Horsepower	300	375	450



Beater Assembly is Easily Removed for Stock Piling or Hauling. (Quick Disconnect Kit Recommended)



Material is Easily Carried from Front to Rear by the Belt with Attached Retention Gate and Chain. Chain is Driven by Planetary Gear Box with Hydraulic Motor.




Equip Your Truck with the Optional Scale Package to Monitor Application Rate.



Truck Cab Panel Gives the Driver Complete Control of All Spreader Functions.



Double Flighted Beaters with Optional Knife Kit.

Roto-Spread	362-12 Trailer	532-16 Trailer	672-20 Trailer	532-16 Truck	672-20 Truck	802-19 Truck
Capacity (Heaped)	360 Cubic Feet	530 Cubic Feet	670 Cubic Feet	530 Cubic Feet	670 Cubic Feet	800 Cubic Feet
Struck Level	240 Cubic Feet	385 Cubic Feet	480 Cubic Feet	385 Cubic Feet	480 Cubic Feet	570 Cubic Feet
Spreader Weight (Empty)	12,600 Lbs.	13,800 Lbs.	16,100 Lbs.	10,800 Lbs.	12,200 Lbs.	14,000 Lbs.
Load Capacity (Net)	19,000 Lbs.	34,000 Lbs.	43,000 Lbs.	34,000 Lbs.	43,000 Lbs.	50,000 Lbs.
Inside Dimensions	48" High 61" Wide 144" Long	48" High 71.5" Wide 192" Long	48" High 71.5" Wide 240" Long	48" High 71.5" Wide 192" Long	48" High 71.5" Wide 240" Long	48" High 90" Wide 228" Long
Outside Dimensions	110" to 114" Tread Width Outside	124" to 155" Tread Width Outside	124"-155" Tread Width Outside	96.5" Fender Width	96.5" Fender Width	102"
Inside	84" Tread Width Inside	91" Tread Width Inside	91" Tread Width Inside			
Overall Length	281"	338"	386"	274"	322"	315"
Overall Height (Gate Lowered)	90"	122"	122"	137" (Based on 40" truck frame)	137" (Based on 40" truck frame)	133" (Based on 40" truck frame)
Overall Height (Gate Raised)	115"	141"	141"	157" (Based on 40" truck frame)	157" (Based on 40" truck frame)	160" (Based on 40" truck frame)
Tires Sizes	Standard: 12.5L x 15F1 and 8 Bolt Wheel Package—STD Optional: 33 x 15.5 x 16.5 Bar Tread with 8 Bolt Wheel Package-ILS or 40 x 14.5 x 19 Recapped Aircraft Tire with 8 Bolt Wheel Package-ILS	Standard: 15 X 22.5 Recap Tires and 10 Bolt Wheel Package—STD Optional: 23.1 X 26—16 Ply or 28L X 26—16 Ply Diamond Tread Tire and 10 Bolt Wheel Package-ILS	Standard: 23.1 x 26 —16 Ply Diamond Tread Tire and 10 Bolt Wheel Package—STD Optional: 28 L x 26 —16 Ply Diamond Tread Tire and 10 Bolt Wheel Package—ILS			
Unload Speed/Time	Variable	Variable	Variable			
Discharge Height	18"	30"	30"	48"	48"	48"
Spread Coverage	12' to 30'	12' to 30'	12' to 30'	12' to 30'	12' to 30'	12' to 30'
Recommended HP	120 (Minimum) Tractor	150 (Minimum) Tractor	180 (Minimum) Tractor	300 (Minimum) Truck	375 (Minimum) Truck	450 (Minimum) Truck
Tongue Weight	850 Lbs. Empty 3500 Lbs. Loaded	2,560 Lbs. Empty 4,500 Lbs. Loaded	2,560 Lbs. Empty 5,000 Lbs. Loaded			
Beater Drive	1000 PTO Driven Double Pump Driving 2 Hi Torque Motors. (Tractor)	1000 PTO Driven Double Pump Driving 2 Hi Torque Motors. (Tractor)	1000 PTO Driven Double Pump Driving 2 Hi Torque Motors. (Tractor)	PTO Driven Triple Gear Pump Driving 2 Hi Torque Motors. (Truck)	PTO Driven Triple Gear Pump Driving 2 Hi Torque Motors. (Truck)	PTO Driven Triple Hydrostat Pump Driving 2 Hi Torque Motors. (Truck)
Belt Drive/Rear Gate	Uses Tractor Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve	Uses Tractor Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve	Uses Tractor Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve	Uses Truck PTO Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve	Uses Truck PTO Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve	Uses Truck PTO Hydraulics. Belt Drive Speed Regulated by an Adjustable Flow Control Valve
Beaters	Two 30" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 300 RPMs @ 1000 PTO	Two 35" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 260 RPMs @ 1000 PTO	Two 35" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 260 RPMs @ 1000 PTO	Two 35" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 300 RPMs @ 2000 RPMs	Two 35" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 300 RPMs @ 2000 RPMs	Two 42" Diameter High Speed Vertical Beaters with Spinners, and Double Flighting 265 RPMs @ 2000 RPMs
Belt and Chain Material	5/16" 350 psi PVC Belt and C131 Combination Chain For Belt and Retention Gate Drive System	5/16" 350 psi PVC Belt and C102.5 Combination Chain For Belt and Retention Gate Drive System	5/16" 350 psi PVC Belt and C102.5 Combination Chain For Belt and Retention Gate Drive System	5/16" 350 psi PVC Belt and C102.5 Combination Chain For Belt and Retention Gate Drive System	5/16" 350 psi PVC Belt and C102.5 Combination Chain For Belt and Retention Gate Drive System	5/16" 350 psi PVC Belt and WH124 H.D. Combination Chain For Belt and Retention Gate Drive System
Floor, Gate and Side Walls	High Density Polyethylene on Floor, Side Walls and End Gate	High Density Polyethylene on Floor, Side Walls and End Gate	High Density Polyethylene on Floor, Side Walls and End Gate	High Density Polyethylene on Floor, Side Walls and End Gate	High Density Polyethylene on Floor, Side Walls and End Gate	High Density Polyethylene on Floor, Side Walls and End Gate

Dimensions and specifications are subject to change without notice.

