

GRAIN
SPREADERS

REDUCE COSTS,
BOOST PERFORMANCE

GSI Take control.

CHOOSING THE RIGHT SPREADER

Having the right size spreader for your specific operation is key. GSI manufactures a complete line of rugged spreader systems to help maintain grain quality. Choose from a variety of efficient spreaders, all with features designed to reduce costs and boost performance.

	APPLICATION	CAPACITY
GSI SCATTERGRAIN SPREADERS	Up to 42' Bins	2,500 - 6,000 BPH
GSI GRAVITY SPREADERS	18' - 72' Bins	200 - 10,000 BPH
GSI AD SERIES GRAVITY SPREADERS	42' - 135' Bins	Up to 40,000 BPH

GSI SCATTERGRAIN SPREADERS

Sensible and efficient, the GSI Scattergrain Spreader adapts to specific bin diameters with adjustable grain guides and extensions to reach the outer edges. It's exclusive damper-controlled center openings ease the filling of the center section.

Constructed of heavy-gauge galvanized steel with heavy-duty fittings, these units require minimal maintenance. Plus, the output shafts utilize anti-friction bearings, encased in lubricant and sealed.



SEALED GEAR DRIVE AND MOTOR

The gear drive is encased in heavy-duty, high-temperature, food-grade lubricant which assures years of virtually maintenance-free operation. There's no need to worry about belts breaking or constant adjustment.

Scattergrain motors are completely sealed against outside dust and moisture, and feature internal automatic reset overload protection.



DAMPER PLATE

Adjustable plates in the blade allow grain to be distributed evenly in the center of the bin.



GRAIN GUIDES

The grain guides adjust to help distribute grain to the outer areas of the bin.



ADJUSTABLE MOUNT

Scattergrain models mount in openings up to 31" dia. An adaptor fits openings up to 60" dia.

GSI GRAVITY SPREADERS

The force of the falling grain against the chute's curved vanes causes a slow, even rotation which gently disperses dry grain in storage bins – all without the need for electricity.

The chute is designed to divide the flowing grain and move it into four concentric rings. Fines and light material remain with the flowing mass of grain and are distributed away from the bin's center.

Proper grain spreading means efficient drying and storage. Grain spreaders improve grain drying and storage by gently and evenly distributing the grain.



The hopper is equipped with angled baffles to gently and evenly direct grain onto the chute.

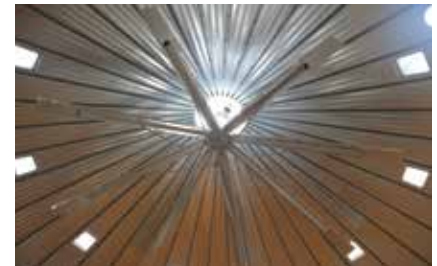


The chute is adjustable for different diameter bins. An optional chute extension is also available.

An optional centering hopper fits most spreaders with diameters of 18" to 22". It attaches to the spreader and centers grain flow before it reaches the spreader for a more even result.

GSI AD GRAVITY SPREADERS

Gentle on grain and tough enough to handle fill rates up to 40,000 BPH, GSI's AD Gravity Spreaders evenly distribute fines, eliminate the time and expense of coring, and create a better storage environment while reducing the risk of hot spots. This improves fan efficiency, can increase storage time, and improve marketing flexibility.



PROMOTE ZERO BIN ENTRY
ELIMINATE CRUSTING & BRIDGING
IMPROVE AIRFLOW
NO NEED TO BLEND



TIVAR LINER PACKAGE

Protects high impact areas [the cone and the top few feet of the chutes] from premature wear.



HIGH VOLUME APPLICATION

AD Series Spreaders have 16 chutes to meet the needs of high volume and variable fill rates coming from a dryer. Optional extension chutes disperse grain out to side walls when filling a bin with hot or wet grain.

GRAIN SPREADER SPECIFICATIONS

GSI SCATTERGRAIN SPREADERS

MODEL	APPLICATION	CAPACITY	APPROXIMATE WEIGHT	MOTOR
FFD-120-WH	Up to 36' Diameter Bins	2,500 – 3,000 BPH	73 lbs.	1/2 HP 115V
FFD-200-3	Up to 42' Diameter Bins	4,000 – 6,000 BPH	120 lbs.	1 HP 230/460V 3 Ph
FFD-200-1	Up to 42' Diameter Bins	4,000 – 6,000 BPH	110 lbs.	1 HP 115V/220V
FFD-200-3-50	Up to 42' Diameter Bins	4,000 – 6,000 BPH	120 lbs.	1 HP 380V 50Hz

GSI GRAVITY SPREADERS

MODEL	APPLICATION	CAPACITY	# OF CHUTES
3050	18' – 36' Diameter Bins	200 – 3,000 BPH	1
3050 with counterweight	18' – 36' Diameter Bins	500 – 5,000 BPH	1
3050 with chute extension & counterweight	36' – 42' Diameter Bins	500 – 5,000 BPH	1
10,000	36' – 72' Diameter Bins	700 – 10,000 BPH	1

NOT recommended for grain wetter than 16% moisture content.

GSI AD GRAVITY SPREADERS

MODEL	APPLICATION	CAPACITY	# OF CHUTES	APPROXIMATE WEIGHT	LEVELING BAND DIA.	HOPPER SIZE	CHUTE SIZE
16-3000 ★	42' – 135'	Up to 4,000 BPH	8	491 lbs.	10"	18" x 11"	6"
16-5000 ★	42' – 135'	Up to 8,000 BPH	8	638 lbs.	12"	18" x 11"	8"
16-12000 ★	42' – 135'	Up to 12,000 BPH	8	643 lbs.	12"	24" x 15"	8"
16-2-20000	42' – 135'	Up to 24,000 BPH	16 (2 Levels of 8)	1,275 lbs.	16"	24" x 15"	8"
16-2-40000	42' – 135'	Up to 40,000 BPH	16 (2 Levels of 8)	2,750 lbs.	26"	36" x 24"	10"

★ Extension chutes may be added for hot or wet grain to assist with spreading to the eave.

Visit grainsystems.com
for product specs and info



Contact your GSI Dealer for more information.

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GS-040 / DECEMBER 2025

