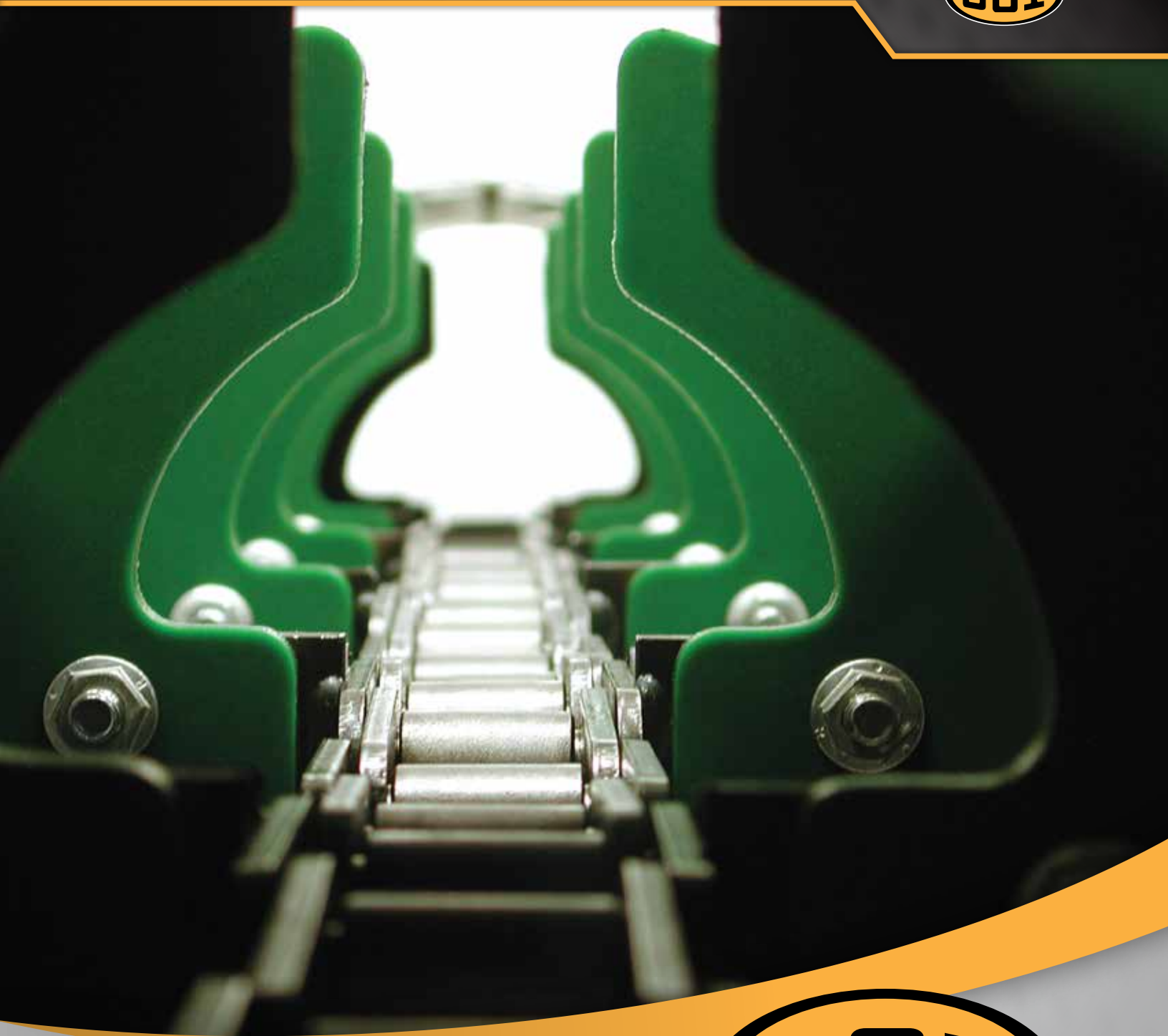


# CHAIN LOOP SYSTEM



**PROVEN & DEPENDABLE™**

[WWW.GRAINSYSTEMS.COM](http://WWW.GRAINSYSTEMS.COM)

# PROVEN & DEPENDABLE

From seeding to harvest, we recognize the hard work and determination you put in every day of the year. It's this dedication that drives the team at GSI to strive continuously to create reliable products that stand the test of time and maximize your productivity and profitability.

Over 40 years of hard work and dedication has gone into making GSI the world's number one manufacturer of grain bins and an industry leader in drying and material handling equipment.

Never satisfied with the status quo, we are driven to provide top-of-the-line products that will protect, condition and move the grain you work so hard to produce. We are committed each and every day to providing the best service possible by establishing lasting relationships with customers just like you who use our products with our worldwide network of dealers.

We're always growing, but we will never lose sight of the relationships that got us here in the first place. While our commitment to remain at the top runs deep, our commitment to you, our customer, runs even deeper.

**THAT'S WHY GSI.**



# GSI CHAIN LOOP SYSTEM



## EFFICIENT

The Chain Loop System gets more grain through in a day with less hassle, keeping trucks moving. By combining the loading, transferring, filling and unloading processes into one economical system, the GSI Chain Loop is designed to move large volumes of grain – up to 10,000 BPH – gently and efficiently throughout your system. Easily transfer grain from one or more bins and move it to another. Whether its corn or wheat, soybeans or rice, the enclosed loop design lets you select the grain flow path by opening or closing the discharge gates, which can be controlled from the ground.

## VERSATILE

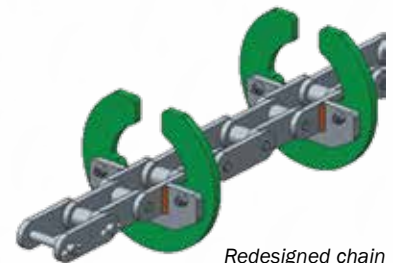
You can install a Chain Loop System into either new or existing bin drying or storage structures. The system, which consists of chains, paddles, corners and discharges, can also be angled to accommodate conventional bin unloads. You can easily match the storage system to a loop system where the bins are arranged in a straight line. The system requires less distance and height than bucket elevators. Like everything we design at GSI, the Chain Loop System is built to expand and grow with your operation.

## DURABLE

Excellent life expectancy, exceeding conventional auger or air systems, even when moving some of the most abrasive grains.

## SAFE

Safe and convenient controls keep the system flowing efficiently. Heavy-duty 10" and 12" models feature enhanced safety guarding.



*Redesigned chain weldment for improved strength and less carry over.*

## SUPPORT TOWERS

GSI features 2-leg and 4-leg Chain Loop towers.

The 2-leg towers are designed to support Chain Loop systems between grain bins. 2-Leg towers are 48" wide and laterally braced to the grain bin wall.

Four-leg towers are 4'x4' square and provide solid, freestanding support for your chain loop system.

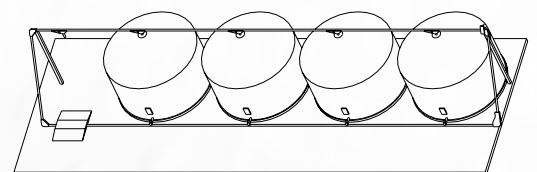
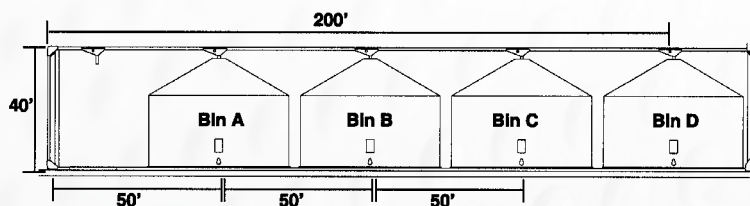
Towers are designed to withstand up to 90 mph wind.



*2-Leg Tower*



*4-Leg Tower*



*The Chain Loop System can be angled to accommodate conventional bin unloads as shown in the above illustration.*

# SYSTEM COMPONENTS & SPECIFICATIONS

## CORNERS AND DISCHARGES

Chain Loop systems are available in four different models to fit your system - 8" and 10" standard-duty and 10" and 12" heavy-duty. All models feature corrosion and abrasion resistant, powder-coat finished corners. Split sprockets are standard on 10" and larger models.

### INSPECTION CORNER

- Access for inspecting chain and paddle wear, as well as chain tension



### 90° DISCHARGE WITH GATE AND CONTROL WHEEL

- Ground controlled
- Access door on top for inspection and service



### STANDARD CORNER

- 1 per system when using 2 drive corners
- 2 per system when using 1 drive corner



### DRIVE CORNER

- 1 or 2 per system based on required horsepower
- 12" system up to 120HP - 2 ea 60HP drive corners
- 10" system up to 100HP - 2 ea 50HP drive corners
- 8" system up to 60HP - 2 ea 30HP drive corners



### HEAVY-DUTY FEATURES

Heavy-duty 10" and 12" Chain Loops feature pillow block bearings with enhanced safety guarding, and ACME threaded take-up rods.



### SPLIT, BOLTED TRANSITIONS

Square-to-round transitions are available on heavy-duty 10" & 12". Bolted transitions are split to make maintenance easy.

## CHAIN LOOP SPECIFICATIONS

TUBE DIAMETER	MAXIMUM CAPACITY (BPH)	CHAIN TRAVEL (FPM)	TUBING GAUGE, GALVANIZED	CORNER HOUSING THICKNESS, GALVANIZED	PADDLE THICKNESS (UHMW)	CORNER SHAFT DIAMETER	CONVEYOR CHAIN - STANDARD	CONVEYOR HP REQUIRED		WEIGHT (PER FT.) OF TUBULAR CONVEYOR	
								VERTICAL (PER FOOT OF CONVEYANCE)	HORIZONTAL (PER FOOT OF CONVEYANCE)	EMPTY	FULL 56 LBS. PER BU. MATERIAL
8"	4,000	325	12	8 gauge	3/8"	2"	81XHH	.35	.08	12 lbs.	28 lbs.
10" SD	6,000	325	12	7 gauge	1/2"	3"	81XHH	.50	.11	15 lbs.	40 lbs.
10" HD	6,000	325	12	5 gauge	1/2"	3"	81XHH	.50	.11	15 lbs.	40 lbs.
12"	10,000	400	7	5 gauge	1/2"	3-7/16"	81XHH	.75	.18	24 lbs.	59 lbs.

**TO FIND YOUR LOCAL GSI DEALER,  
VISIT THE GSI DEALER LOCATOR  
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