

# CHAIN LOOP SYSTEM



**PROVEN & DEPENDABLE™**

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# 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 move grain between bins for your operation's capacity, airflow and drying needs. One person can safely and 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

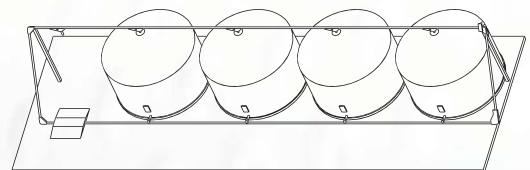
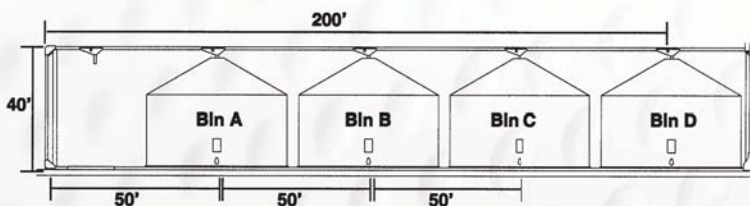
Excellent life expectancy, exceeding conventional auger or air systems, even when moving some of the most abrasive grains.

## SAFE AND EFFECTIVE

Safe and convenient operator controls keep the system flowing efficiently. The Chain Loop chains and paddles are designed to preserve grain quality.



Tube cut away to show Chain Loop paddles and Chain.



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

# SYSTEM COMPONENTS & SPECIFICATIONS

## 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' x 4' square and provide solid, freestanding support for your chain loop system.

Towers are designed to withstand up to 90 mph wind.



## CORNERS & DISCHARGES

Corrosion and abrasion resistant, powder coat-finished corners.

### INSPECTION CORNER

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



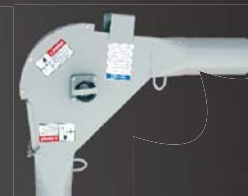
### 90° DISCHARGE WITH GATE AND CONTROL WHEEL

- 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



## FEATURES

Freestanding, no guy wires required.

Built to meet the structural requirements of your location.

Heavy-duty, 10-gauge slide gate in discharge spout.

## 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	3/16"	3/8"	2"	81XHH	.35	.08	12 lbs.	28 lbs.
10"	6,000	325	12	3/16"	1/2"	3"	81XHH	.50	.11	15 lbs.	40 lbs.
12"	10,000	400	10	3/16"	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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