

SIoux STEEL COMPANY



# FARM/COMM GRAIN SYSTEMS



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# SIoux STEEL COMPANY ENGINEERING PROGRESSIVE STORAGE SOLUTIONS SINCE 1918

## What makes Sioux Steel Company unique?

- Products with the best warranties in the industry.
- Committed to helping find the right solution for each customer.
- Pioneers of building stronger products with the highest ratings.
- Products that have proven themselves since 1918.
- 4th generation, family-owned company.

Edition 01/17



Innovative Grain  
Storage Solutions  
Manufactured By A  
Family-Owned  
Company With Over  
100 Years  
Of Experience



## The Systems To Have

No other product can match our quality and durability, while offering the most common sense solution for grain storage.

The first in the industry to engineer farm grain systems that can store **64lb/bushel grain** is just one of the progressive innovations that comes with having a Sioux Steel Grain Storage System.

Each system is professionally engineered to maximize your investment.

*Innovative Grain Storage Solutions*

## Stay Connected With Us

Curious about our latest news and events? Want to learn more about our new and existing products? A complete Sioux Steel experience awaits when you join our global community.

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- youtube.com/siouxsteel
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- info@siouxsteel.com

## GRAIN WEIGHTS

"We've seen test weights of grains increase over the last decade due to new hybrids and genetics. We now average 60 lb. per bushel corn, 60 lb. per bushel wheat and our soybeans range in the 55 lb. to 60 lb. range. **Grain storage facilities need to account for these increased test weights in the engineering of their products**". - Pat Tracy, Farm Manager, J.E.S. Farms, Pierre, S.D.

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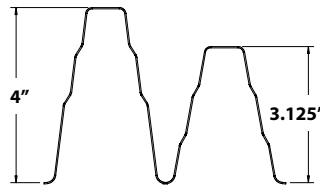
## CUTTING EDGE ROOF DESIGNS

Sioux Steel Farm/Comm Grain Systems

### Roof Panels On 42' - 66' Bins Feature **FOUR INCH RIBS**

Four inch ribs on each roof panel are the **tallest in the industry!** Compared to roof ribs that are only 3 1/8" tall, 4" ribs are **40 percent stronger.**

Roofs are more resistant to high winds and larger snow loads keeping your investment safe during harsh weather conditions.



### **SINGLE PIECE ROOF PANELS** On Bins Up To 66'

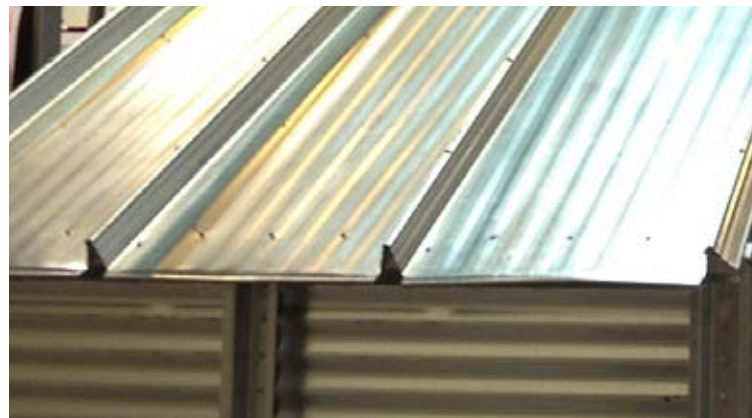
Sioux Steel Farm/Comm bins, up to 66' in diameter, feature single stage, single piece roof panels. As a result, roofs are **easier to assemble.**

Construction crews no longer have to spend time constructing roof panel transitions. **Fewer parts & easier construction** result in less installation time.

### FARM/COMM ROOF OPTIONS

• 6 TO 14 RINGS • 30psf Ground Snow Load	3,500 lb Peak Load	8,000 lb Peak Load	10,000 lb Peak Load
18' (3 1/8" Roof Ribs)	X		
21' (3 1/8" Roof Ribs)	X		
24' (3 1/8" Roof Ribs)	X		
27' (3 1/8" Roof Ribs)	X		
30' (3 1/8" Roof Ribs)	X		
33' (3 1/8" Roof Ribs)	X		
36' (3 1/8" Roof Ribs)	X	X	
42'		X (4" Roof Ribs)	X (3 1/8" Roof Ribs)
48'		X (4" Roof Ribs)	X (3 1/8" Roof Ribs)
54' (4" Roof Ribs)			X
60' (4" Roof Ribs)			X
66' (4" Roof Ribs)			X

\* Rib stiffeners available on 18' to 36' roof systems.



## STRONGER SIDE WALLS

Sioux Steel Farm/Comm Grain Systems

### Farm/Comm Side Walls Are **FULLY STIFFENED**

A bin which is fully stiffened, from the first ring at the base of the bin to the top, is capable of carrying high vertical grain loads.

Our Farm/Comm bins can **store grains weighing up to 64lbs/bushel.** This is above the industry standard, allowing our bins to be utilized for years to come.



2 Stiffeners Per Side Wall Sheet

### **STIFFENER SPLICING** Is The Best In The Industry

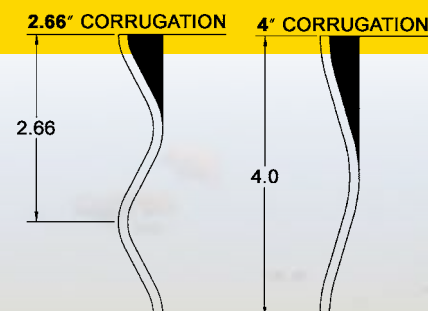
Stiffener splices ensure that the vertical loads are transferred properly between stiffener sections. **Both an insert and two back plates** are used at each stiffener splice location ensuring that bypassing does not occur.

We utilize **7/16" hardware** in all wall sheet seams and at all stiffener to wall sheet connections. 7/16" fasteners are 36% stronger than 3/8".

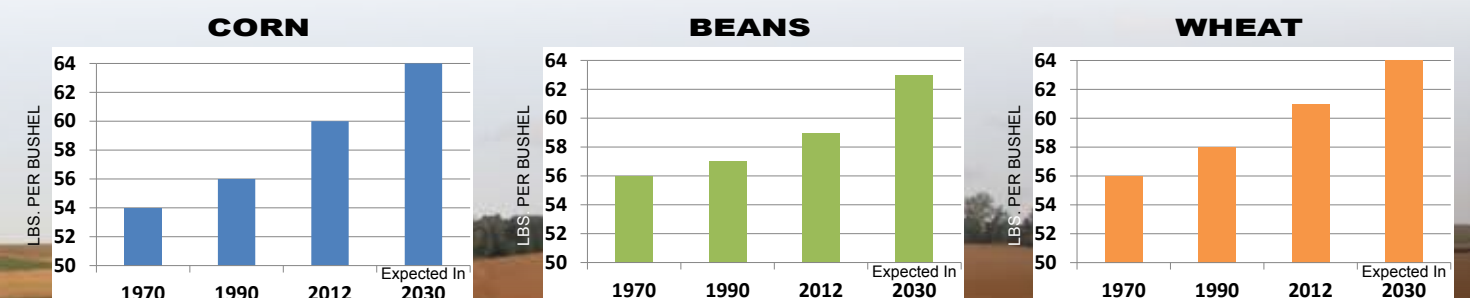


### **G115 GALVANIZED STEEL** IS STANDARD ON FARM/COMM BINS

- Designed for free flowing grains up to 51 lbs/ft<sup>3</sup> (55 lbs/ft<sup>3</sup> including compaction)
- 2 stiffeners per side wall sheet on stiffened bins
- 4" corrugation and 55 ksi yield strength (70 ksi tensile) steel
- Can be filled at up to 20,000 bushels per hour and unloaded at up to 25,000 bph.



### **GRAIN WEIGHTS** Farm/Comm Grain Systems are engineered for grains weighing up to 64lbs/bushel!



A survey was sent to 3,683 Elevator Managers across the U.S. to obtain findings.





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Interested in working for Sioux Steel Company?  
Scan this QR Code with your smartphone to e-mail  
us for our current employment opportunities.

**ADVANTAGES**

- Only grain systems that offer **4" roof rib panels**. Tallest in the industry!
- **Single piece roof panels** on all farm/comm bins.
- Systems can store **64lb/bushel grains**.
- Only company offering **66' diameter** farm/comm bins.
- **10 year warranty** is standard on every grain system.

**19**  
SINCE  
**18**

Since 1918, Sioux Steel Company is now in its fourth generation as a family-owned company. Based in Sioux Falls, South Dakota, we know the agricultural industry and know that you need high-quality, dependable products. Our mission continues to be not only to satisfy our customers, but we want them to be ***delighted*** to do business with us.

Interested in working for Sioux Steel Company? Scan this QR Code with your smartphone to e-mail us for our current employment opportunities.

