

SIoux STEEL FARM BIN CATALOG



# FARM BINS

DEPENDABLE STORAGE IN ALL CLIMATES



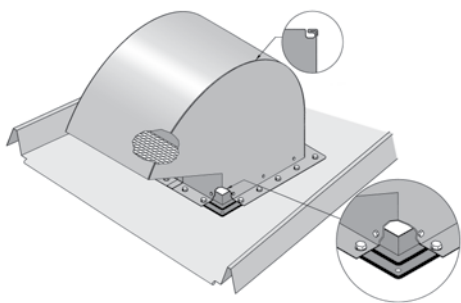




# SIOUX BINS

## Hooded Roof Vents

The steel or poly roof vent has a wide 15" x 15" inlet area for free air movement. Lap over design on the steel roof vent prevents leakage of moisture and condensation.



## Solid Tieless Walk-In Door

Truly a walk-in door with no cross ties. Clear span opening allows anyone to walk in and out without having to crawl or unbolt any parts.



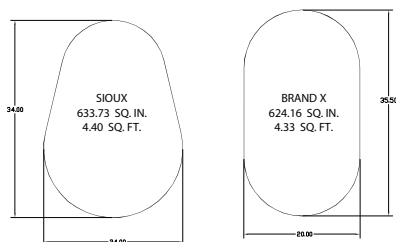
## Compression Rings

On bins 24' to 48' in diameter, compression rings with locking collars crown the roof for added strength. Every Sioux bin comes with the optimum number of rings.



## Manway

You won't have to wonder if you can make it through the manway when you're out in the elements with lots of layers of clothing on. It's the most user-friendly manway!



## Fill Caps

Fill caps are designed for one-handed control of the cap. Ground control or flat top-style caps are optional for permanent installation of cross augers or spouting.

## 4" Corrugation

Corrugation on sheets reduce pressure on the sidewalls and allows grain to flow easily down bin wall with less resistance. Fewer sheets cover a wider area, lowering construction costs.

**LARGEST MAN-WAY IN THE INDUSTRY!**

Sioux Steel's man-way is 24" x 34", giving you the ability to maneuver easily through the opening.



## Roofs

The strongest roofs available! Our roofs stand up to high winds and northern snow loads, while protecting grain year round, keeping it fresh and in condition for years.

### 32-Degree Roof Slope

The 32-degree slope sheds moisture fast, both inside and outside of the panels.



### Roof Ribs and Roof Edge

The roof ribs are deep, double-thick, overlapping and interlocked. The roof edge is rolled 340 degrees to stiffen panel edges and stand up to hard Mid-west winds and reduce vibration that may cause failure. Sioux Steel's roofs are time tested and proven to be strong and durable throughout the years.



## 18' DIAMETER BIN

Model #	SFN1803S	SFN1804S	SFN1805S
Rings	3	4	5
Eave Height (ft)	11'	14'8	18'4
Peak Height (ft)	16'8	20'4	24
Eave Capacity w/13.25" Plenum	2,117	2,900	3,683
Maximum Bu. Capacity w/13.25" Plenum	2,455	3,241	4,027
Maximum Bu Capacity w/No Plenum	2,687	3,470	4,253

Model #	SFN1806S	SFN1807S	SFN1809S
Rings	6	7	9
Eave Height (ft)	22'	25'8	33'
Peak Height (ft)	27'8	31'4	38'8
Eave Capacity w/13.25" Plenum	4,466	5,249	6,815
Maximum Bu. Capacity w/13.25" Plenum	4,814	5,600	7,173
Maximum Bu Capacity w/No Plenum	5,036	5,819	7,385

## 21' DIAMETER BIN

Model #	SFN2103S	SFN2104S	SFN2105S
Rings	3	4	5
Eave Height (ft)	11'	14'8	18'4
Peak Height (ft)	17'7	21'3	24'11
Eave Capacity w/13.25" Plenum	2,882	3,948	5,013
Maximum Bu. Capacity w/13.25" Plenum	3,418	4,489	5,559
Maximum Bu Capacity w/No Plenum	3,735	4,822	5,866

Model #	SFN2106S	SFN2107S	SFN2109S
Rings	6	7	9
Eave Height (ft)	22'	25'8	33'
Peak Height (ft)	28'7	32'3	39'7
Eave Capacity w/13.25" Plenum	6,079	7,144	9,311
Maximum Bu. Capacity w/13.25" Plenum	6,629	7,700	9,840
Maximum Bu Capacity w/No Plenum	6,932	7,997	10,128

## 24' DIAMETER BIN

Model #	SFN2403S	SFN2404S	SFN2405S	SFN2406S
Rings	3	4	5	6
Eave Height (ft)	11'	14'8	18'4	22'
Peak Height (ft)	18'3	21'11	25'7	29'3
Eave Capacity w/13.25" Plenum	3,764	5,156	6,548	7,940
Maximum Bu. Capacity w/13.25" Plenum	4,566	5,964	7,362	8,760
Maximum Bu Capacity w/No Plenum	5,001	6,399	7,762	9,154

Model #	SFN2407S	SFN2408S	SFN2409S	SFN2410S
Rings	7	8	9	10
Eave Height (ft)	25'8	29'4	33'	36'8
Peak Height (ft)	32'11	36'7	40'3	43'11
Eave Capacity w/13.25" Plenum	9,331	10,723	12,115	13,507
Maximum Bu. Capacity w/13.25" Plenum	10,158	11,556	12,954	14,352
Maximum Bu Capacity w/No Plenum	10,546	11,991	13,329	14,721

*Service You Can Count On!*





# ACCESSORIES

## Ladder & Cage System

Manufactured from sturdy, galvanized steel tube that fit the bin side wall with each ring. An economical way to gain access to the roof of the bin while keeping your safety in mind.



## Floor & Floor Support System

Designed to develop equal air pressure under the entire floor surface, floor supports are available in 20, 18 or 16 gauge, galvanized steel formed with ten vertical ribs to support grain depths up to 37 feet.



Crosscut or standard perforated available.

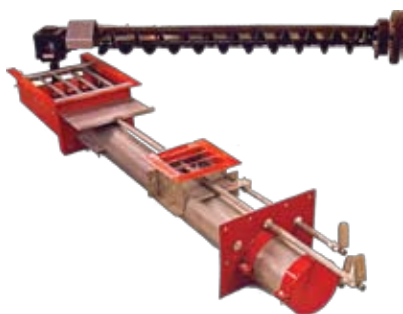
## Stairs

Installed on bin in either direction. A step, 20" wide, is mounted 6" from the bin wall producing a 26" wide walkway. Stair, intermediate, twin, ladder or end platforms are available.



## Power Sweep

Posi-shift style power sweep system uses internally engaged gear box to eliminate moving parts and chain drive. Available in 8 and 10 inch sizes for all bin diameters.



## LJI Floor Support System

LJI Floor Supports provide:

- 1) Strength per square foot of floor
- 2) Unobstructed air movement
- 3) Ease of erection and stability



## Transition

The aerodynamically engineered "channel-flow" shape delivers air between the fan and bin plenum. Multiple sizes fit every size fan and heater.





### **Springland U Trough Power Sweep.**

High capacity unloading with 5000-6000 BPH unloading capacity. Elevator style paddle type sweep wheel keeps sweep arm moving in tough unloading conditions. Easily installed under standard height drying and aeration floor systems.



### **Centrifugal Fans**

Adjustable legs on these quiet fans allow for easy leveling and support while giving more flexibility for adjusting to inconsistencies in a concrete pad.

### **Axial Fans**

Airflow is increased by not allowing air to blow back through the blade and the housing for greater efficiency.



### **27' DIAMETER BIN**

Model #	SFN2704S	SFN2705S	SFN2706S
Rings	4	5	6
Eave Height (ft)	14'8	18'4	22'
Peak Height (ft)	22'10	26'6	30'2
Eave Capacity w/13.25" Plenum	6,526	8,287	10,049
Maximum Bu. Capacity w/13.25" Plenum	7,676	9,445	11,215
Maximum Bu Capacity w/No Plenum	8,189	9,951	11,712
Model #	SFN2707S	SFN2708S	SFN2709S
Rings	7	8	9
Eave Height (ft)	25'8	29'4	33'
Peak Height (ft)	33'10	37'6	41'2
Eave Capacity w/13.25" Plenum	11,810	13,572	15,333
Maximum Bu. Capacity w/13.25" Plenum	12,984	14,753	16,523
Maximum Bu Capacity w/No Plenum	13,474	15,235	16,997

### **30' DIAMETER BIN**

Model #	SFN3004S	SFN3005S	SFN3006S
Rings	4	5	6
Eave Height (ft)	14'8	18'4	22'
Peak Height (ft)	23'10	27'6	31'2
Eave Capacity w/13.25" Plenum	8,056	10,231	12,406
Maximum Bu. Capacity w/13.25" Plenum	9,633	11,818	14,002
Maximum Bu Capacity w/No Plenum	10,267	12,442	14,617
Model #	SFN3007S	SFN3008S	SFN3009S
Rings	7	8	9
Eave Height (ft)	25'8	29'4	33'
Peak Height (ft)	34'10	38'6	42'2
Eave Capacity w/13.25" Plenum	14,580	16,775	18,930
Maximum Bu. Capacity w/13.25" Plenum	16,186	18,371	20,555
Maximum Bu Capacity w/No Plenum	16,791	18,966	21,141

### **33' DIAMETER BIN**

Model #	SFN3304S	SFN3305S	SFN3306S
Rings	4	5	6
Eave Height (ft)	14'8	18'4	22'
Peak Height (ft)	24'8	28'4	32'
Eave Capacity w/13.25" Plenum	9,748	12,379	15,011
Maximum Bu. Capacity w/13.25" Plenum	11,847	14,491	17,134
Maximum Bu Capacity w/No Plenum	12,613	15,245	17,957
Model #	SFN3307S	SFN3308S	SFN3309S
Rings	7	8	9
Eave Height (ft)	25'8	29'4	33'
Peak Height (ft)	35'8	39'4	43'
Eave Capacity w/13.25" Plenum	17,692	20,274	22,905
Maximum Bu. Capacity w/13.25" Plenum	19,777	22,329	25,063
Maximum Bu Capacity w/No Plenum	20,507	23,139	25,770

*Dependable Grain Storage!*





# OUR HISTORY

## Sioux Steel Heritage

Founded over 90 years ago, our mission continues to be "Your complete satisfaction as a customer is our best advertisement."

Whether your order for Sioux products is large or small, frequent or occasional, we feel a definite obligation to provide you with high-quality products and outstanding service.

Now in our fourth generation as a family-owned company, we continue to extend our guarantee of satisfaction to every order entrusted to us.

Sioux Steel also makes these quality products:  
**Pro•Tec Engineered Buildings**  
**Commercial Bins**  
**Livestock Equipment**  
**Grain Handling Equipment**  
**And more...**

✓ **Quality Bin Storage**

✓ **10 Year Warranty**

✓ **Local Dealers**

✓ **Excellent Service**

✓ **Proven Product**

*"Sioux Steel Company has been rewarded for over 90 years of doing business by creating valued products and providing successful manufacturing operations and products for our employees, dealers, and our customer... the farmer. At the same time we remain a strong supporter of our community and committed to staying involved for the long haul. We do not take anything for granted and are continually looking for improvement and expansion in every facet of our business."*

Phil Rysdon, President, Sioux Steel Company  
*Third Generation Owner*

*"We don't just want our customers to be satisfied... We want them to be delighted to do business with us..."*

Scott Rysdon, CEO, Sioux Steel Company  
*Fourth Generation Owner*







## 10 Year Warranty

Based in Sioux Falls, SD, Sioux Steel knows how drastically weather can alter any structure.

Sioux Steel offers the longest warranty in the industry on farm bins. Our 10 year warranty comes standard on every farm bin. Plus, there is no additional cost for this feature.

You get a great quality bin with a warranty that is the longest in the industry, giving you peace of mind.

Sioux Steel stands behind its products and wants you to have the best possible experience.

For warranty questions or concerns, please contact:

**Sioux Steel Company**

**196 1/2 East 6th Street**

**PO Box 1265**

**Sioux Falls, SD 57101-1265**

**Toll Free: 800-557-4689**

**Local: 605-336-1750**



## 36' DIAMETER BIN

Model #	SFN3604S	SFN3605S	SFN3606S	SFN3607S
Rings	4	5	6	7
Eave Height (ft)	14'8	18'4	22'	25'8'
Peak Height (ft)	25'8	29'4	33'	36'8
Eave Capacity w/13.25" Plenum	11,601	14,733	17,864	20,996
Maximum Bu. Capacity w/13.25" Plenum	14,326	17,471	20,617	23,762
Maximum Bu Capacity w/No Plenum	15,237	18,368	21,597	24,631

Model #	SFN3608S	SFN3609S	SFN36102S
Rings	8	9	10
Eave Height (ft)	29'4	33'	36'8
Peak Height (ft)	40'4	44'	47'8
Eave Capacity w/13.25" Plenum	24,127	27,259	30,390
Maximum Bu. Capacity w/13.25" Plenum	26,908	30,053	33,199
Maximum Bu Capacity w/No Plenum	27,763	30,895	34,026

## 42' DIAMETER BIN

Model #	SFN4204S	SFN4205S	SFN4206S	SFN4207S
Rings	4	5	6	7
Eave Height (ft)	14'8	18'4	22'	25'8
Peak Height (ft)	27'4	31'	34'8	38'4
Eave Capacity w/13.25" Plenum	15,790	20,053	24,315	28,578
Maximum Bu. Capacity w/13.25" Plenum	20,117	24,398	28,680	32,961
Maximum Bu Capacity w/No Plenum	21,354	25,616	29,878	34,141

Model #	SFN4208S	SFN42092S	SFN42102S
Rings	8	9	10
Eave Height (ft)	29'4	33'	36'8
Peak Height (ft)	42'	45'8	49'4
Eave Capacity w/13.25" Plenum	32,840	37,102	41,365
Maximum Bu. Capacity w/13.25" Plenum	37,243	41,524	45,806
Maximum Bu Capacity w/No Plenum	38,403	42,666	46,928

## 48' DIAMETER BIN

Model #	SFN4804S	SFN4805S	SFN4806S	SFN4807S
Rings	4	5	6	7
Eave Height (ft)	14'8	18'4	22'	25'8
Peak Height (ft)	29'2	32'10	36'6	40'2
Eave Capacity w/13.25" Plenum	20,624	26,191	31,749	37,326
Maximum Bu. Capacity w/13.25" Plenum	27,082	32,674	38,266	43,858
Maximum Bu Capacity w/No Plenum	28,693	34,261	39,828	45,395

Model #	SFN4808S	SFN48092S	SFN48102S
Rings	8	9	10
Eave Height (ft)	29'4	33'	36'8
Peak Height (ft)	43'10	47'6	51'2
Eave Capacity w/13.25" Plenum	42,893	48,460	54,028
Maximum Bu. Capacity w/13.25" Plenum	49,450	55,530	60,634
Maximum Bu Capacity w/No Plenum	50,962	56,530	62,097

*Sioux Steel Quality Products!*



# SIoux STEEL FARM BIN CATALOG

FOR MORE INFORMATION AND YOUR NEAREST DEALER, CONTACT:

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