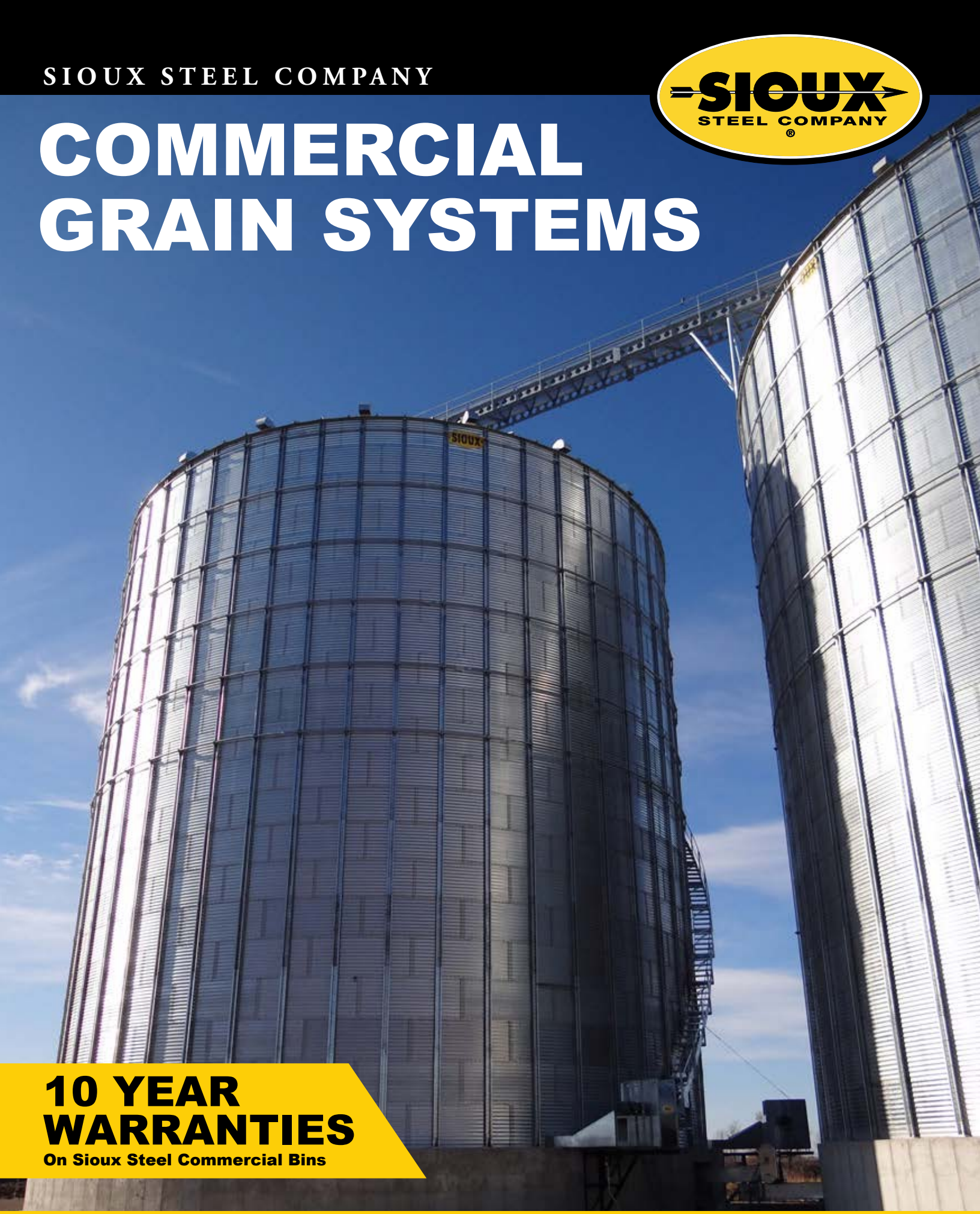
SIOUX STEEL COMPANY

COMMERCIAL GRAIN SYSTEMS



10 YEAR WARRANTIES

On Sioux Steel Commercial Bins

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COMMERCIAL GRAIN SYSTEMS

SIOUX STEEL COMPANY

ENGINEERING PROGRESSIVE STORAGE SOLUTIONS SINCE 1918

What makes Sioux Steel Company unique?

- Products with the longest 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.

SIOUX STEEL COMPANY®

Innovative Grain Storage Solutions Manufactured By A Family-Owned Company With A Century's Worth Of Experience

SIOUX STEEL PRODUCTS ARE MADE IN THE USA

Locations & Delivery

Sioux Steel Grain Systems have been installed all across the world. Whether a bin is delivered right in our home state of South Dakota or shipped to an International destination, we take pride in knowing that we are in control of scheduling and delivery.

We have our own trucking company, PlainsXpress, to make sure that loads are not only shipped quickly, but accurately too.

PlainsXpress

Commercial Redefined

"With farmers utilizing the latest technology to increase grain production, our commercial grain systems have redefined grain storage to offer state-of-the-art solutions.

We lead the industry in safety, design, strength and provide a high quality storage environment for generations to come."

Scott Rysdon
Fourth Generation Owner
& President/CEO

Innovative Grain Storage Solutions

FEATURES
OF SIOUX STEEL COMMERCIAL GRAIN SYSTEMS

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SIOUX STEEL COMPANY®

Roofs Engineered For Ultimate Strength

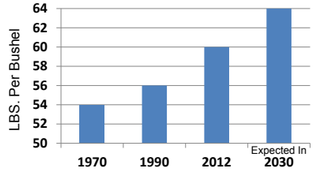
Sioux Steel roof structures are designed for up to **50,000 LBS.** of peak load and utilize galvanized back to back "C" channels for ultimate strength. The large flat tops, varying in diameter from 5' to 12', provide multiple connection points to support catwalks and equipment loads.

Peak loads are available up to **50,000 LBS.** or for snow loads up to 50 lbs. per square ft.

Bins use both an insert and two back plates at stiffener splices. We also utilize **7/16" HARDWARE.**

Engineered to store grains weighing up to **70 LBS. PER BUSHEL!** The industry standard is just 60 lbs/bushel.

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.*



Strongest Stiffener Splices In The Industry

Stiffener splices ensure that the large vertical loads are transferred properly between stiffener sections. Sioux bins use both an insert and two back plates at stiffener splices.

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".

We also use high quality grade 8.2 bolts, protected by a DACROMET® finish along with self-sealing washers, insuring integrity and lasting rust protection.

36%
Stronger Hardware

Roofs Are Temperature Cable Ready

Roof designs account for loads applied by temperature monitoring cables. The loads applied to the roof structure vary depending on a number of different factors. These factors include grain depth, grain type, moisture content, percentage of pack, and percentage of foreign material. Depending on these factors, each cable may pull down on the roof with over 2000 lbs of force.

G115 GALVANIZED
Steel Is Standard On Commercial Bins

Defined Bolt Pattern

Heavier grains create higher stresses in the structural components. These stresses must also be accounted for in the bolted joints.

Sioux Steel bins are designed to handle the stresses associated with 64 lb/bushel & 70 lb/bushel grain weights.

Bolt patterns are optimized for each connection depending on the amount of hoop tension and the gauge of the side wall sheet being used. This results in strong yet efficient vertical and horizontal bolt seams.

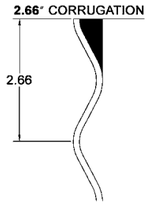
64 lb/bushel · 70 lb/bushel · 70,000 PSI · GALVANIZED · CORRUGATION 4"

Base Angle for Single Pass Sweeping

Heavy base angles are installed between the stiffener base plates and are secured to the bottom horizontal holes in the bottom sheet. This results in a robust connection between the bin and the foundation.

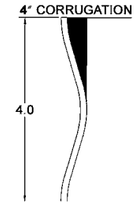
The base angles have holes in them for additional anchor bolts. The additional anchor bolts are required to resist the high lateral and uplift loads created when sweeping larger diameter bins in a single pass. These angles are standard on bins 72' and larger in both two and three stiffener per sheet configurations.

70,000 PSI



Sidewall Strength

Manufactured with 70,000 PSI tensile strength steel (55,000 PSI yield strength) and utilizing 4" corrugation, Sioux Steel commercial tanks offer the ultimate in vertical strength. Plus, advanced analysis software allows engineers the ability to measure critical stress points.



Roof Connectors

Horizontal forces from the roof are resisted inside the eave by tension plates/members. Rafter connectors transfer the vertical forces from the roof directly to the sidewall stiffeners and ultimately to the concrete foundation. This creates a continuous load path.

Lifeline Tie-Offs

Commercial bins include a lifeline anchor point at the peak of the roof as well as at the man-way.

If entrance to the bin is required, these two points provide the entrant with secure tie-off points.

SYSTEMS

AVAILABLE IN THE COMMERCIAL BIN LINE

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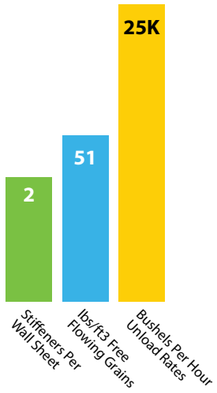
SIOUX STEEL COMPANY®

64 LB/Bushel Bins

(18 - 132' diameter bins)

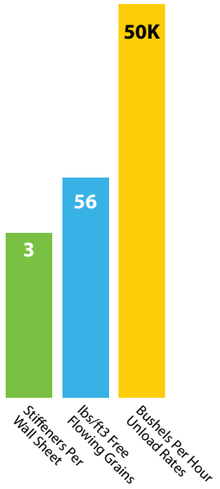
- **2 or 3 stiffeners** per side wall sheet on stiffened bins.
- Designed for free flowing grains up to **64 lb/bushel** (51 lbs/ft³).
- 4" corrugation and 70,000 psi tensile strength (55,000 psi yield strength) steel.
- Filled up to 20,000 (550 MT/hour) bushels per hour and unloaded at **25,000** (700 MT/hour) **bushels per hour**.



70 LB/Bushel Bins

(90', 105', & 132' diameter bins)

- **3 stiffeners** per side wall sheet.
- Designed for free flowing grains up to **70 lb/bushel** (56 lbs/ft³).
- 4" corrugation and 70,000 psi tensile strength (55,000 psi yield strength) steel.
- Grain systems can be filled and emptied at rates up to **50,000** (1,400 MT/hour) **bushel per hour**.



PEAK LOADS

Peak loads are available **up to 50,000 lbs.** (22,600 Kg) or for snow loads up to 50 lbs. per square ft.

Our commercial bin roofs are designed for an unbalanced snow load which is tested and documented. All calculations include loads from temperature cables. Horizontal forces from the roof rafters are resisted entirely by tension plates/members.

Peak Load Ratings Based On Snow Loads

Snow Loads	50 PSF	40 PSF	30 PSF
STANDARD	35,000 lb	35,000 lb	15,000 lb
OPTIONAL	50,000 lb	50,000 lb	25,000 lb

Peak load ratings include temperature cable loads. Optional roofs are engineered for unbalanced snow loads.

Our roof has reached new heights. High capacity fill equipment, wind and snow place a variety of loads on a bin roof. Strategic purlin placement between the roof rafters results in a strong and efficient roof substructure. Combining a solid substructure with deep ribbed panels creates a roof with unparalleled performance.

Wind Rings

External pressure from wind forces is accounted for through the installation of wind rings which reinforce the sidewalls. Placement and quantity of wind rings are determined by the diameter and height of the bin.

Ease Of Construction

Combining 44 inch sheets and 3 roof panels per wall sheet lessens the demand for bolts, nuts and washers. This in turn lowers weight and erection costs.

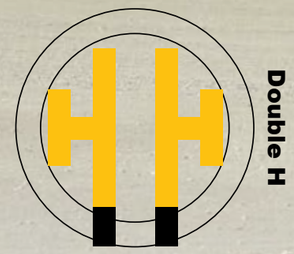
Anchor System & Shims

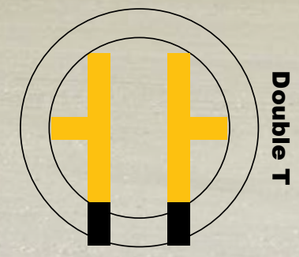
The base plate and shim system on the Sioux Steel commercial bin ensures stability and solid load path. Together they form a firm and permanent foundation with maximum strength.

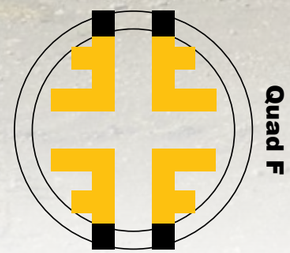
FLOOR DESIGNS

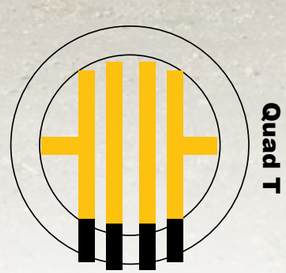
A variety of floor systems are available from full floors above concrete with custom plenum heights, to flush in concrete patterns designed for your installation.

Sioux Steel Company can also provide hopper bottom aeration systems for concrete hopper foundations or steel commercial hopper bottom tanks.









SIDE DRAW UNLOAD SYSTEM

Our available side draw unload system has a 12"x12" discharge opening for unload rates of up to 9,000 bu/hr. Spout extensions come standard when ordering a side discharge.



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ACCESSORIES

- Grain Legs
- Grain Loop Systems
- Drag Conveyors
- Continuous Flow Dryers
- Stirring Machines
- Grain Spreaders
- Grain Monitoring
- Towers/Catwalks/ Support Structure





FANS

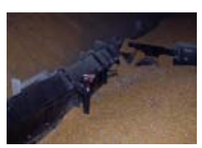
Centrifugal Fans
Adjustable legs on these quiet fans allow for easy leveling & support while giving more flexibility for adjusting to inconsistencies in a concrete pad.

Our highly-trained engineers test motor amperage and temperature under long-term, maximum-load conditions to ensure that the motors will stand up under tough operating conditions.

UNLOAD SYSTEMS

Daay Bin Paddle Sweep
Designed to be fully submersed in grain. Single or multiple passes, the paddle chain moves grain gently and evenly to the sump. The paddle sweep has a capacity up to 5500 bu/hr.

EXTRAC Paddle Sweep
Features independent center pivots and position sensing allowing TWO sweeps to more effectively clean the grain bin. Capacity up to 11,000 bu/hr.



LADDERS & CAGES

Ladder & Cage Systems
Manufactured from sturdy, materials which fit the bin side wall at each ring. An economical way to gain access to the roof of the bin.

Ladder security doors are available and attach to the outside grain bin ladder to impede it's use. Doors can be locked and measure 21" x 76".

STAIRS

Greene Stairs
Installed on bin in either direction. A step, 20" wide, is mounted 6" from the bin wall producing a 26" wide walkway.

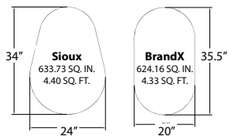
- Stairs
- Platforms - intermediate, twin, ladder or end platforms
- Platform fillers
- Booster/door steps

ACCESS POINTS

Access Doors
Doors are strategically placed and feature tieless inside panels, secure latching and a large 36" x 27" opening.

Walk-In Doors
Large 1-tier & 1-1/2 tier door options are available. **THE INDUSTRIES LARGEST 1-1/2 TIER DOOR!** 27" x 58" tall openings.

Man-Ways
Largest man-way in the industry. Sioux Steel's man-way is 24" x 34", giving you the ability to maneuver easily.



FLOORS

Floor & Floor Support System
Designed to allow required air flow under the entire floor surface. Floor supports are available in 17 or 20 gauge. Planks available in 16, 18 or 20 gauge. Floors support grain depths up to 70 feet.

LJI Floor Support System

- High strength per square foot of floor
- Unobstructed air movement
- Ease of erection and stability
- Support grain depths up to 118 feet

WALK-AROUNDS

Peak Walk-Arounds
Peak walk-arounds are available with full hand-rails to create a large secure area on the flat cap to access conveyors and spouting.

Mid Walk-Arounds
Located approximately in the middle of the roof, they provide a safe way to access and perform maintenance on powered roof exhausters.

TOWERS & CATWALKS

Catwalks
Three styles of catwalks are available, including a robust standard line with a maximum standard span of 190'.

Custom Spans
Custom spans are also available and built to whatever specs you need. Add access bracing for more versatility plus the ability to incorporate conveyors and spouting.

ROOF VENTS

Roof Vents
Roof vents have a large 15" x 15" inlet area for free air movement. Pre-cut holes with an extended lip results in a tight and permanent seal that resists moisture and condensation.

POWER VENTS

Power Vents
Power vents utilize a 24" axial fan with a 2hp explosion proof motor.
Their tapered shape allows them to be installed fairly close to peak so they pull moist air out of the top of the bin.

Capacities are calculated at 28 degree angle of repose (grain 1" below eave), based on ASAE Standard: S413.1 and include 6% compaction. All bins are designed for storage of grain and/or free flowing materials not exceeding 51 lb/ft³ (55 lb/ft³ including compaction). Storage of grains heavier than 55 lbs per cubic foot (including compaction), must be approved by Sioux Steel. We reserve the right to change specifications without notice. Note: Other Sizes Are Available.
CAPACITIES ARE ESTIMATES AND NOT GUARANTEED.

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SIOUX STEEL COMPANY

36' DIAMETER (10,97 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HEIGHT (FT)	TOTAL HEIGHT (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS3610O	10	36' 8"	11,18	46' 9"	14,25	31,457	34,179	1,136	926
SCS3611O	11	40' 4"	12,29	50' 5"	15,37	34,603	37,325	1,241	1,011
SCS3612O	12	44'	13,41	54' 1"	16,48	37,748	40,471	1,345	1,097
SCS3613O	13	47' 8"	14,53	57' 9"	17,60	40,894	43,616	1,450	1,182
SCS3614O	14	51' 4"	15,65	61' 5"	18,72	44,040	46,762	1,554	1,267
SCS3615O	15	55'	16,76	65' 1"	19,84	47,185	49,908	1,659	1,352
SCS3616O	16	58' 8"	17,88	68' 9"	20,96	50,331	53,054	1,764	1,438
SCS3617O	17	62' 4"	19	72' 5"	22,07	53,477	56,199	1,868	1,523
SCS3618O	18	66'	20,12	76' 1"	23,19	56,622	59,345	1,973	1,608
SCS3619O	19	69' 8"	21,23	79' 9"	24,31	59,768	62,491	2,077	1,693
SCS3620O	20	73' 4"	22,35	83' 5"	25,43	62,914	65,636	2,182	1,779
SCS3621O	21	77'	23,47	87' 1"	26,54	66,059	68,782	2,286	1,864
SCS3622O	22	80' 8"	24,59	90' 9"	27,66	69,205	71,928	2,391	1,949
SCS3623O	23	84' 4"	25,70	94' 5"	28,78	72,351	75,073	2,496	2,034
SCS3624O	24	88'	26,82	98' 1"	29,90	75,497	78,219	2,600	2,120

42' DIAMETER (12,80 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HEIGHT (FT)	TOTAL HEIGHT (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS4210O	10	36' 8"	11,18	48' 7"	14,81	42,816	47,139	1,567	1,277
SCS4211O	11	40' 4"	12,29	52' 3"	15,92	47,097	51,420	1,709	1,393
SCS4212O	12	44'	13,41	55' 11"	17,04	51,379	55,702	1,852	1,509
SCS4213O	13	47' 8"	14,53	59' 7"	18,16	55,660	59,984	1,994	1,625
SCS4214O	14	51' 4"	15,65	63' 3"	19,28	59,942	64,265	2,136	1,741
SCS4215O	15	55'	16,76	66' 11"	20,40	64,223	68,547	2,279	1,857
SCS4216O	16	58' 8"	17,88	70' 7"	21,51	68,505	72,828	2,421	1,973
SCS4217O	17	62' 4"	19	74' 3"	22,63	72,787	77,110	2,563	2,090
SCS4218O	18	66'	20,12	77' 11"	23,75	77,068	81,391	2,706	2,206
SCS4219O	19	69' 8"	21,23	81' 7"	24,87	81,350	85,673	2,848	2,322
SCS4220O	20	73' 4"	22,35	85' 3"	25,98	85,631	89,954	2,990	2,438
SCS4221O	21	77'	23,47	88' 11"	27,10	89,913	94,236	3,133	2,554
SCS4222O	22	80' 8"	24,59	92' 7"	28,22	94,194	98,518	3,275	2,670
SCS4223O	23	84' 4"	25,70	96' 3"	29,34	98,476	102,799	3,417	2,786
SCS4224O	24	88'	26,82	99' 11"	30,45	102,758	107,081	3,560	2,902

72' DIAMETER (21,95 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K ROOF (FT)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS7210O	10	36' 8"	11,18	58' 4"	57' 9"	17,78	125,858	147,608	4,907	4,000
SCS7211O	11	40' 4"	12,29	62'	61' 5"	18,90	138,410	160,191	5,325	4,341
SCS7212O	12	44'	13,41	65' 8"	65' 1"	20,02	150,993	172,773	5,743	4,682
SCS7213O	13	47' 8"	14,53	69' 4"	68' 9"	21,13	163,576	185,356	6,162	5,023
SCS7214O	14	51' 4"	15,65	73'	72' 5"	22,25	176,159	197,939	6,580	5,364
SCS7215O	15	55'	16,76	76' 8"	76' 1"	23,37	188,741	210,522	6,998	5,705
SCS7216O	16	58' 8"	17,88	80' 4"	79' 9"	24,49	201,324	223,104	7,417	6,046
SCS7217O	17	62' 4"	19	84'	83' 5"	25,60	213,907	235,687	7,835	6,387
SCS7218O	18	66'	20,12	87' 8"	87' 1"	26,72	226,490	248,270	8,253	6,727
SCS7219O	19	69' 8"	21,23	91' 4"	90' 9"	27,84	239,072	260,853	8,671	7,068
SCS7220O	20	73' 4"	22,35	95'	94' 5"	28,96	251,655	273,435	9,090	7,409
SCS7221O	21	77'	23,47	98' 8"	98' 1"	30,07	264,238	286,018	9,508	7,750
SCS7222O	22	80' 8"	24,59	102' 4"	101' 9"	31,19	276,821	298,601	9,926	8,091
SCS7223O	23	84' 4"	25,70	106'	105' 5"	32,31	289,403	311,184	10,345	8,432
SCS7224O	24	88'	26,82	109' 8"	109' 1"	33,43	301,986	323,766	10,763	8,773
SCS7225O	25	91' 8"	27,94	113' 4"	112' 9"	34,54	314,569	336,349	11,181	9,114

75' DIAMETER (22,86 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K ROOF (FT)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS7510O	10	36' 8"	11,18	59' 3"	58' 9"	18,06	136,531	161,148	5,357	4,367
SCS7511O	11	40' 4"	12,29	62' 11"	62' 5"	19,18	150,184	174,801	5,811	4,737
SCS7512O	12	44'	13,41	66' 7"	66' 1"	20,29	163,837	188,454	6,265	5,107
SCS7513O	13	47' 8"	14,53	70' 3"	69' 9"	21,41	177,490	202,107	6,719	5,477
SCS7514O	14	51' 4"	15,65	73' 11"	73' 5"	22,53	191,143	215,760	7,173	5,847
SCS7515O	15	55'	16,76	77' 7"	77' 1"	23,65	204,796	229,413	7,626	6,217
SCS7516O	16	58' 8"	17,88	81' 3"	80' 9"	24,77	218,449	243,067	8,080	6,587
SCS7517O	17	62' 4"	19	84' 11"	84' 5"	25,88	232,102	256,720	8,534	6,956
SCS7518O	18	66'	20,12	88' 7"	88' 1"	27	245,755	270,373	8,988	7,326
SCS7519O	19	69' 8"	21,23	92' 3"	91' 9"	28,12	259,408	284,026	9,442	7,696
SCS7520O	20	73' 4"	22,35	95' 11"	95' 5"	29,24	273,061	297,679	9,896	8,066
SCS7521O	21	77'	23,47	99' 7"	99' 1"	30,35	286,714	311,332	10,350	8,436
SCS7522O	22	80' 8"	24,59	103' 3"	102' 9"	31,47	300,368	324,985	10,803	8,806
SCS7523O	23	84' 4"	25,70	106' 11"	106' 5"	32,59	314,021	338,638	11,257	9,176
SCS7524O	24	88'	26,82	110' 7"	110' 1"	33,71	327,674	352,291	11,711	9,546
SCS7525O	25	91' 8"	27,94	114' 3"	113' 9"	34,82	341,327	365,944	12,165	9,916

48' DIAMETER (14,63 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HEIGHT (FT)	TOTAL HEIGHT (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS4810O	10	36' 8"	11,18	50' 6"	15,39	55,924	62,378	2,074	1,690
SCS4811O	11	40' 4"	12,29	54' 2"	16,51	61,517	67,970	2,259	1,842
SCS4812O	12	44'	13,41	57' 10"	17,63	67,109	73,562	2,445	1,993
SCS4813O	13	47' 8"	14,53	61' 6"	18,75	72,701	79,155	2,631	2,145
SCS4814O	14	51' 4"	15,65	65' 2"	19,86	78,294	84,747	2,817	2,296
SCS4815O	15	55'	16,76	68' 10"	20,98	83,886	90,340	3,003	2,448
SCS4816O	16	58' 8"	17,88	72' 6"	22,10	89,479	95,932	3,189	2,599
SCS4817O	17	62' 4"	19	76' 2"	23,22	95,071	101,525	3,375	2,751
SCS4818O	18	66'	20,12	79' 10"	24,33	100,663	107,117	3,561	2,903
SCS4819O	19	69' 8"	21,23	83' 6"	25,45	106,256	112,709	3,747	3,054
SCS4820O	20	73' 4"	22,35	87' 2"	26,57	111,848	118,302	3,933	3,206
SCS4821O	21	77'	23,47	90' 10"	27,69	117,441	123,894	4,119	3,357
SCS4822O	22	80' 8"	24,59	94' 6"	28,80	123,033	129,487	4,304	3,509
SCS4823O	23	84' 4"	25,70	98' 2"	29,92	128,626	135,079	4,490	3,660
SCS4824O	24	88'	26,82	101' 10"	31,04	134,218	140,671	4,676	3,812

* 35,000# Roof Available On 48' Models

54' DIAMETER (16,46 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HEIGHT (FT)	TOTAL HEIGHT (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS5410O	10	36' 8"	11,18	52' 9"	16,08	70,778	79,967	2,658	2,167
SCS5411O	11	40' 4"	12,29	56' 5"	17,20	77,856	87,044	2,894	2,359
SCS5412O	12	44'	13,41	60' 1"	18,31	84,934	94,122	3,129	2,550
SCS5413O	13	47' 8"	14,53	63' 9"	19,43	92,011	101,200	3,364	2,742
SCS5414O	14	51' 4"	15,65	67' 5"	20,55	99,089	108,278	3,599	2,934
SCS5415O	15	55'	16,76	71' 1"	21,67	106,167	115,356	3,835	3,126
SCS5416O	16	58' 8"	17,88	74' 9"	22,78	113,245	122,433	4,070	3,318
SCS5417O	17	62' 4"	19	78' 5"	23,90	120,323	129,511	4,305	3,509
SCS5418O	18	66'	20,12	82' 1"	25,02	127,400	136,589	4,541	3,701
SCS5419O	19	69' 8"	21,23	85' 9"	26,14	134,478	143,667	4,776	3,893
SCS5420O	20	73' 4"	22,35	89' 5"	27,25	141,556	150,745	5,011	4,085
SCS5421O	21	77'	23,47	93' 1"	28,37	148,634	157,822	5,246	4,277
SCS5422O	22	80' 8"	24,59	96' 9"	29,49	155,712	164,900	5,482	4,468
SCS5423O	23	84' 4"	25,70	100' 5"	30,61	162,789	171,978	5,717	4,660
SCS5424O	24	88'	26,82	104' 1"	31,72	169,867	179,056	5,952	4,852
SCS5425O	25	91' 8"	27,94	107' 9"	32,84	176,945	186,134	6,188	5,044

* 35,000# Roof Available On 54' Models

78' DIAMETER (23,77 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K ROOF (FT)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS7810O	10	36' 8"	11,18	60' 2"	59' 8"	18,34	147,671	175,363	5,830	4,752
SCS7811O	11	40' 4"	12,29	63' 10"	63' 4"	19,46	162,439	190,130	6,320	5,152
SCS7812O	12	44'	13,41	67' 6"	67'	20,57	177,206	204,897	6,811	5,552
SCS7813O	13	47' 8"	14,53	71' 2"	70' 8"	21,69	191,973	219,664	7,302	5,952
SCS7814O	14	51' 4"	15,65	74' 10"	74' 4"	22,81	206,740	234,431	7,793	6,353
SCS7815O	15	55'	16,76	78' 6"	78'	23,93	221,507	249,198	8,284	6,753
SCS7816O	16	58' 8"	17,88	82' 2"	81' 8"	25,04	236,274	263,965	8,775	7,153
SCS7817O	17	62' 4"	19	85' 10"	85' 4"	26,16	251,041	278,733	9,266	7,553
SCS7818O	18	66'	20,12	89' 6"	89'	27,28	265,808	293,500	9,757	7,953
SCS7819O	19	69' 8"	21,23	93' 2"	92' 8"	28,40	280,576	308,267	10,248	8,353
SCS7820O	20	73' 4"	22,35	96' 10"	96' 4"	29,51	295,343	323,034	10,739	8,753
SCS7821O	21	77'	23,47	100' 6"	100'	30,63	310,110	337,801	11,230	9,154
SCS7822O	22	80' 8"	24,59	104' 2"	103' 8"	31,75	324,877	352,568	11,720	9,554
SCS7823O	23	84' 4"	25,70	107' 10"	107' 4"	32,87	339,644	367,335	12,211	9,954
SCS7824O	24	88'	26,82	111' 6"	111'	33,99	354,411	382,103	12,702	10,354
SCS7825O	25	91' 8"	27,94	115' 2"	114' 8"	35,10	369,178	396,870	13,193	10,754

90' DIAMETER (27,43 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K ROOF (FT)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS9010O	10	36' 8"	11,18	63' 11"	62' 5"	19,48	196,604	239,143	7,950	6,480
SCS9011O	11	40' 4"	12,29	67' 7"	66' 1"	20,60	216,265	258,804	8,603	7,013
SCS9012O	12	44'	13,41	71' 3"	69' 9"	21,72	235,925	278,464	9,257	7,546
SCS9013O	13	47' 8"	14,53	74' 11"	73' 5"	22,83	255,586	298,125	9,911	8,078
SCS9014O	14	51' 4"	15,65	78' 7"	77' 1"	23,95	275,246	317,785	10,564	8,611
SCS9015O	15	55'	16,76	82' 3"	80' 9"	25,07	294,906	337,445	11,218	9,144
SCS9016O	16	58' 8"	17,88	85' 11"	84' 5"	26,19	314,567	357,106	11,871	9,677
SCS9017O	17	62' 4"	19	89' 7"	88' 1"	27,31	334,227	376,766	12,525	10,209
SCS9018O	18	66'	20,12	93' 3"	91' 9"	28,42	353,888	396,427	13,178	10,742
SCS9019O	19	69' 8"	21,23	96' 11"	95' 5"	29,54	373,548	416,087	13,832	11,275
SCS9020O	20	73' 4"	22,35	100' 7"	99' 1"	30,66	393,209	435,748	14,486	11,808
SCS9021O	21	77'	23,47	104' 3"	102' 9"	31,78	412,869	455,408	15,139	12,340
SCS9022O	22	80' 8"	24,59	107' 11"	106' 5"	32,89	432,529	475,068	15,793	12,873
SCS9023O	23	84' 4"	25,70	111' 7"	110' 1"	34,01	452,190	494,729	16,446	13,406
SCS9024O	24	88'	26,82	115' 3"	113' 9"	35,13	471,850	514,389	17,100	13,939
SCS9025O	25	91' 8"	27,94	118' 11"	117' 5"	36,25	491,511	534,050	17,753	14,471

60' DIAMETER (18,29 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K & 35K ROOFS (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS6010O	10	36' 8"	11,18	54' 7"	16,64	87,379	99,983	3,324	2,709
SCS6011O	11	40' 4"	12,29	58' 3"	17,75	96,117	108,721	3,614	2,946
SCS6012O	12	44'	13,41	61' 11"	18,87	104,855	117,459	3,905	3,183
SCS6013O	13	47' 8"	14,53	65' 7"	19,99	113,593	126,197	4,195	3,420
SCS6014O	14	51' 4"	15,65	69' 3"	21,11	122,331	134,935	4,486	3,656
SCS6015O	15	55'	16,76	72' 11"	22,23	131,069	143,673	4,776	3,893
SCS6016O	16	58' 8"	17,88	76' 7"	23,34	139,807	152,411	5,067	4,130
SCS6017O	17	62' 4"	19	80' 3"	24,46	148,545	161,149	5,357	4,367
SCS6018O	18	66'	20,12	83' 11"	25,58	157,283	169,887	5,648	4,604
SCS6019O	19	69' 8"	21,23	87' 7"	26,70	166,021	178,625	5,938	4,840
SCS6020O	20	73' 4"	22,35	91' 3"	27,81	174,759	187,363	6,229	5,077
SCS6021O	21	77'	23,47	94' 11"	28,93	183,497	196,101	6,519	5,314
SCS6022O	22	80' 8"	24,59	98' 7"	30,05	192,234	204,838	6,809	5,551
SCS6023O	23	84' 4"	25,70	102' 3"	31,17	200,972	213,576	7,100	5,787
SCS6024O	24	88'	26,82	105' 11"	32,28	209,710	222,314	7,390	6,024
SCS6025O	25	91' 8"	27,94	109' 7"	33,40	218,448	231,052	7,681	6,261

66' DIAMETER (20,12 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K & 35K ROOFS (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS6610O	10	36' 8"	11,18	56' 5"	17,20	105,728	122,504	4,072	3,320
SCS6611O	11	40' 4"	12,29	60' 1"	18,31	116,301	133,077	4,424	3,606
SCS6612O	12	44'	13,41	63' 9"	19,43	126,874	143,649	4,775	3,893
SCS6613O	13	47' 8"	14,53	67' 5"	20,55	137,446	154,222	5,127	4,179
SCS6614O	14	51' 4"	15,65	71' 1"	21,67	148,019	164,795	5,478	4,466
SCS6615O	15	55'	16,76	74' 9"	22,78	158,592	175,368	5,830	4,752
SCS6616O	16	58' 8"	17,88	78' 5"	23,90	169,165	185,941	6,181	5,039
SCS6617O	17	62' 4"	19	82' 1"	25,02	179,738	196,513	6,533	5,325
SCS6618O	18	66'	20,12	85' 9"	26,14	190,310	207,086	6,884	5,612
SCS6619O	19	69' 8"	21,23	89' 5"	27,25	200,883	217,659	7,236	5,898
SCS6620O	20	73' 4"	22,35	93' 1"	28,37	211,456	228,232	7,587	6,185
SCS6621O	21	77'	23,47	96' 9"	29,49	222,029	238,805	7,939	6,471
SCS6622O	22	80' 8"	24,59	100' 5"	30,61	232,602	249,377	8,290	6,758
SCS6623O	23	84' 4"	25,70	104' 1"	31,72	243,174	259,950	8,642	7,044
SCS6624O	24	88'	26,82	107' 9"	32,84	253,747	270,523	8,993	7,331
SCS6625O	25	91' 8"	27,94	111' 5"	33,96	264,320	281,096	9,345	7,617

105' DIAMETER (32 M)

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 15K ROOF (FT)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 15K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS10510O	10	36' 8"	11,18	68' 7"	67' 1"	20,90	267,600	335,150	11,141	9,082
SCS10511O	11	40' 4"	12,29	72' 3"	70' 8"	22,02	294,360	361,910	12,031	9,807
SCS10512O	12	44'	13,41	75' 11"	74' 4"	23,14	321,120	388,670	12,921	10,532
SCS10513O	13	47' 8"	14,53	79' 7"	78' 1"	24,26	347,880	415,430	13,810	11,257
SCS10514O	14	51' 4"	15,65	83' 3"	81' 8"	25,37	374,640	442,190	14,700	11,982
SCS10515O	15	55'	16,76	86' 11"	85' 4"	26,49	401,400	468,950	15,589	12,707
SCS10516O	16	58' 8"	17,88	90' 7"	89' 1"	27,61	428,160	495,710	16,479	13,433
SCS10517O	17	62' 4"	19	94' 3"	92' 8"	28,73	454,920	522,470	17,368	14,158
SCS10518O	18	66'	20,12	97' 11"	96' 4"	29,85	481,680	549,230	18,258	14,883
SCS10519O	19	69' 8"	21,23	101' 7"	100' 1"	30,96	508,440	575,990	19,148	15,608
SCS10520O	20	73' 4"	22,35	105' 3"	103' 8"	32,08	535,200	602,750	20,037	16,333
SCS10521O	21	77'	23,47	108' 11"	107' 4"	33,20	561,960	629,510	20,927	17,058
SCS10522O	22	80' 8"	24,59	112' 7"	111' 1"	34,32	588,720	656,270	21,816	17,783
SCS10523O	23	84' 4"	25,70	116' 3"	114' 8"	35,43	615,480	683,030	22,706	18,509
SCS10524O	24	88'	26,82	119' 11"	118' 4"	36,55	642,240	709,790	23,596	19,234

132' DIAMETER (40,23 M)

HOLDS OVER 1 MILLION BUSHELS OF GRAIN!

PRODUCT NUMBER	ROWS	EAVE HEIGHT (FT)	EAVE HEIGHT (M)	TOTAL HT. 35K ROOF (FT)	TOTAL HT. 35K ROOF (M)	CAPACITY BUSHELS LEVEL	CAPACITY BUSHELS PEAKED	VOLUME M³	CAPACITY METRIC TONS
SCS13210O	10	36' 8"	11,18	74' 8"	22,76	422,918	557,126	18,521	15,097
SCS13211O	11	40' 4"	12,29	78' 4"	23,88	465,209	599,418	19,926	16,243
SCS13212O	12	44'	13,41	82'	25	507,501	641,710	21,332	17,389
SCS13213O	13	47' 8"	14,53	85' 8"	26,11	549,793	684,002	22,738	18,535
SCS13214O	14	51' 4"	15,65	89' 4"	27,23	592,085	726,293	24,144	19,681
SCS13215O	15	55'	16,76	93'	28,35	634,376	768,585	25,550	20,827
SCS13216O	16	58' 8"	17,88	96' 8"	29,46	676,668	810,877	26,956	21,973
SCS13217O	17	62' 4"	19	100' 4"	30,58	718,960	853,169	28,362	23,119
SCS13218O	18	66'	20,12	104'	31,70	761,252	895,460	29,768	24,265
SCS13219O	19	69' 8"	21,23	107' 8"	32,82	803,543	937,752	31,174	25,411
SCS13220O	20	73' 4"	22,35	111' 4"	33,93	845,835	980,044	32,580	26,557
SCS13221O	21	77'	23,47	115'	35,05	888,127	1,022,336	33,985	27,703

The 132' commercial bin has a roof that supports 35,000 lbs. of peak load, plus 65,000 lbs. of wind and unbalanced snow load.

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Ideas Coming To Life Under One Roof!

To show just how strong the roof really is, the employees of Sioux Steel Company came together to stand on a platform that was hung from the roof of the bin. Sioux employees wanted to show, literally, that they not only stand behind the products that they build, but they will stand under them!

Scott Rysdon
4th Generation Owner & President/CEO

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.

BBB ACCREDITED BUSINESS
A+ RATING

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