

THE LEADER IN GRAIN STORAGE SOLUTIONS



 **SCAFCO**[®]
Grain Systems Co.

BUILT
for LIFE[™]

Serving Agriculture and Industry Since 1954



GRAIN STORAGE
USA



BIO-DIESEL FACILITY
ROMANIA

At SCAFCO, our skill for building high quality grain storage systems is only rivaled by our desire to build strong, long-term relationships with customers around the world. We have earned worldwide renown for high-quality products, great customer service, and strong corporate ethics. Our excellent reputation in the industry precedes us, and we live up to it every day, in every project.

SCAFCO's storage systems are best in the industry. Our engineers use the latest 3D design and analysis techniques to assure timely, accurate, and efficient system designs. We pride ourselves on project-urgency and on-time delivery. Our staff has decades of combined experience in a wide variety of storage, handling, and processing applications. We listen to the customer and remain flexible, adapting our products to fit their requirements.

At our plant in Spokane, Washington, USA, our engineers create superior designs that are then crafted exclusively from American-sourced prime mill certified steel. Whether your storage requirement is a standard or customized solution, large or small, let SCAFCO provide the design, manufacturing and support services you need.

We've been there and we'll be there. We're SCAFCO.

Who We Are

A market leader in grain storage and handling systems, SCAFCO boasts over 65 years of custom design, engineering and manufacturing experience.

What We Do

SCAFCO manufactures a complete line of bins, hoppers, elevators, conveyors, accessories and more. These systems store, aerate, convey, clean or dry whatever commodities are entrusted within them.

What It Means To You

With SCAFCO, you can be assured that you will receive a superior quality product built to the highest design and safety standards.

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SCAFCO GRAIN SYSTEMS CO
SPOKANE, WASHINGTON, USA

INSTALLED IN OVER 80 COUNTRIES



GRAIN TERMINAL
UKRAINE



RAIL TERMINAL
RUSSIA



CORN STORAGE FACILITY
MEXICO



CORN STORAGE FACILITY
SOUTH AFRICA



SOYBEAN FACILITY
PARAGUAY



CORN STORAGE FACILITY
NIGERIA



FARM STORAGE
AUSTRALIA



FLOUR MILL FACILITY
VIETNAM



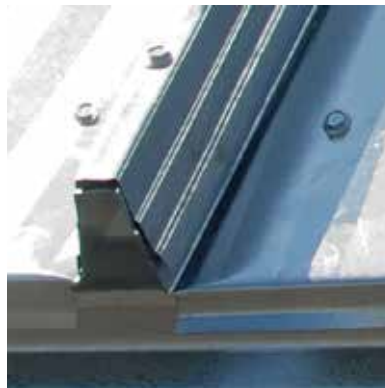
With capacities up to 55,827 bushels (1,519 MT), SCAFCO's farm bins are perfect for on-farm applications ranging from 12' to 48' in diameter (3.66 m to 14.63 m).

SCAFCO's farm bins provide an exceptionally strong storage solution by using high-quality galvanized steel wall sheets and corrugated roof panels manufactured from G115 coated steel (min. 350 gr/m² zinc). Farm bins are equipped with walk in doors and can be supplied with handling equipment and accessories to meet any need.



Roof Panels

SCAFCO's one piece deep-rib corrugated roof panels offer outstanding load-carrying capabilities, providing durability under heavy snow, ice loads and other extreme weather conditions. Roofs bolt together rapidly in the field with each roof panel securely fastened to wall panels with steel clips. Heavy-duty 3 1/4" (82 mm) high box-ribs provide strength and rigidity for each roof panel. Roofs have either 24 or 36 corrugated roof panels (depending upon bin diameter) and a weather-tight closure.



Walk In Doors

Available on all farm bins, SCAFCO's walk in door opens to 28" x 60" (711 mm x 1524 mm). This door includes a welded frame, reinforced outer door panel and three hinged inner flaps with positive locking bars. Doors bolt into place easily with corrugated welded door jambs. A heavy-duty version is available for all bins.

High Strength Bolts

All SCAFCO grain bins are furnished with heat-treated SAE grade 8 (equivalent to DIN 10.9) bolts. The coating on our high-strength bolts withstands 1,000 hours of salt spray corrosion testing, compared to other bin manufacturers that use zinc dichromate coated bolts that only meet or exceed 108 hours.



Inspection Hatch

All bins 12' (3.66 m) diameter and larger feature safe and convenient roof hatches. Our hatches open to the right rather than uphill on the roof, facilitating safer entry and egress from the bin. The inside dimension measures 18" x 30" (460 mm x 760 mm). The hatch is positioned adjacent to the roof ladder cleats or roof stairs and meets or exceeds current safety standards. SCAFCO hatches are weather-tight and factory installed with a lockable latch.



Wall Sheets

SCAFCO's 42 2/3" high (1.08 m) galvanized steel sheets have a 2 2/3" pitch and 1/2" (67.7 mm x 12.7 mm) deep corrugation that is substantially stronger than the competitors' standard 4" (102 mm) pitch corrugation. Sheets are precision roll formed from high yield strength steel and are pre-punched with the latest technology, guaranteeing accurate hole alignment and uniform fit.



Roof Ladder Cleats

SCAFCO roof ladder cleats are galvanized angles bolted to roof panels, allowing easy access to the inspection hatch and peak cap. SCAFCO's roof cleats are standard for grain bins ranging from 12' to 42' in diameter (3.66 m to 12.80 m).

Complete Ladder System

SCAFCO provides a complete ladder system inside and outside the bin with safety cages and rest platforms.



SCAFCO commercial grain bins offer outstanding strength and durability. All roofs, wall sheets and stiffeners are manufactured from G115 coated steel (min. 350 gr/m² zinc). SCAFCO 42 2/3" (1.08 m) wide corrugated sheets are manufactured from high strength steel, with galvanized steel stiffeners and strong box-rib roofs. Diameters range from 15' to 138' (4.57 m to 42.06 m). SCAFCO also manufactures material handling equipment to complete your grain storage project.



Giant Doors

SCAFCO giant doors are designed for drive-in access for small front-end loaders or other equipment. Two sizes are available:



- 6' 3 1/2" high x 5' 7 1/2" wide (1.92 m x 1.72 m)
- 8' 0" high x 6' 0" wide (2.44 m x 1.83 m).



Access Doors

Heavy-duty 23 1/2" x 26" (597 mm x 660 mm) access doors are factory welded into the bin's wall sheets.

Easy access options include a heavy-duty walk-in door 28" x 60" (711 mm x 1524 mm).

Side Discharge System

SCAFCO side discharge system allows gravity loadout to trucks or rail cars. Interior flumes channel grain from the top storage level to the discharge chute. Available with 12" (300 mm) square discharge outlet and rack and pinion gate.





Commercial Wall Sheets

SCAFCO unique 42 2/3" (1.08 m) galvanized steel wall sheets have a 2 2/3" pitch and 1/2" (67.7 mm x 12.7 mm) deep corrugation. Wall sheets are pre-punched with the latest technology, assuring accurate hole alignment and uniform fit. Sheets are precision roll-formed using galvanized steel with a minimum of 57 ksi (393 MPa) yield strength.

Heavy-duty Stiffeners

SCAFCO heavy-duty stiffeners use 57-ksi yield strength (393 MPa) [65 ksi minimum tensile strength (448 MPa)], hot-dipped galvanized steel. The profile can handle the drawdown of very tall bins and severe seismic loads. Each bin utilizes several stiffener gauges for the most efficient column design.

Heavy-duty stiffeners transfer draw down loads from the sidewalls to the foundation. Stiffener base plate is factory welded to the bottom stiffener, providing durable bin anchorage in order to resist lateral and uplift loads.



Complete Ladder Systems

Complete interior & exterior ladder systems are available with safety cage and rest platforms for sidewall heights above 20' (6.10 m).





SCAFCO is the leader in large bin designs, with capacities in excess of 1.2 million bushels (42,287m³). Even the largest SCAFCO bins feature a clear span roof, which means that there are no internal roof supports to impede the cleanout of the bin.

SCAFCO roof structures have peak capacities that lead the industry and can be designed to meet any peak load requirements. All roofs feature cold-formed, G-115 coated steel (min. 350 gr/m² zinc) galvanized support structures, ensuring long life and service without the fear of losing your investment to corrosion. SCAFCO roofs also include corrugated roof panels, adding strength and rigidity to the roof.

All SCAFCO accessories are available on any size bin, including optional roof stairways, interior and exterior ladders, side discharge kits and giant doors for machinery access. SCAFCO also offers various solutions for aeration, including a Quad F-pattern aeration system designed for all of the largest bins.

Spiral Stairs

SCAFCO spiral stairs include galvanized stair beams and brackets, non-skid stair treads and sturdy handrails.

The railings provide a 24" (711 mm) clear width walkway with handrail 34" to 36" (860 mm to 910 mm) above treads.

Roof Stairways

SCAFCO roof stairways include galvanized stair beams and brackets, non-skid stair treads, hand rails and posts from eave to center fill cap.

The railings provide a 24" (610 mm) clear width walkway with handrail 34" to 36" (860 mm to 910 mm) above treads.







Aeration is an important aspect of every grain storage system. Properly operated aeration systems keep grain in good condition and help control insect infestation and moisture migration, reducing grain spoilage.

SCAFCO aeration systems can be installed in new or existing storage facilities. SCAFCO uses rigid corrugated perforated aeration ducts made from heavy gauge galvanized steel and high efficiency aeration fans.



Centrifugal Fans

Available in both 50 and 60 Hz, with low and high speed centrifugal configurations. SCAFCO centrifugal fan housings are precision fabricated from heavy gauge galvanized steel, which is rust resistant, provides an attractive finish and has a long life span. Fan housings are bolted together, using as few pieces as possible to increase the strength and reduce the number of seams that can cause air leakage or wear problems.

Axial and Inline Fans

SCAFCO axial and inline centrifugal fans deliver high capacity airflow at maximum performance. Fans feature all galvanized steel bodies, heavy-duty blades and energy efficient electric motors. Axial and centrifugal fans are available in a variety of diameters and horsepower ratings.



Double H-Pattern

Double H-pattern commercial flush floor aeration systems consist of plain and perforated corrugated galvanized decking, 4" (102 mm) wide hat-beams, 12" (300 mm) high support legs, ledger angles, perforated strips, corrugated filler strips and fasteners. Quad F- pattern aeration is also available for larger bins.



Perforated Plank Floor

SCAFCO perforated plank floors ensure fast assembly, uniform grain drying, and easy cleaning. Interlocking planks are precision roll formed with 13% opening perforation and a slight crown for added strength and rest on heavy-duty legs. The plank floor design features a complete assembly kit for easy installation. Floors for small seeds are also available.

Hopper Bottom Bin Aeration

SCAFCO uses rigid perforated, corrugated galvanized steel pipe for aeration in hopper bottom bins. Fans mount below the hopper, directing air into internal ducts and up through the grain mass.



Flush Floor Aeration

SCAFCO flush floor systems provide easy installation with no pre-forming required. Floors can be poured directly into steel concrete forms. SCAFCO's system includes 13% open perforated planks with round perforation holes to minimize clogging.



If your application requires a complete bin cleanout or you need lower material handling costs, a SCAFCO hopper bottom bin is your solution. With 2 2/3" (67 mm) pitch corrugated steel wall sheets, a sturdy design, and high quality materials, SCAFCO bins are stronger and more durable than the competition. All roofs, wall sheets and stiffeners are manufactured from G-115 coated steel (min. 350 gr/m² zinc).

SCAFCO's unique structural channel compression ring also provides industry-leading strength and 100% cleanouts. Most competitors' compression rings have surfaces that allow grain to pile up inside the bin.

SCAFCO offers a wide range of custom bin features. Hopper bottom bins are available in capacities from 132 to 55,928 bushels (3 to over 1,500 MT) and can store any flowable commodity, such as grain, feed, wood or plastic pellets, certain mineral supplements and seed.



Hopper Support Structures

Hopper support structures are available for hopper bottom bins from 9' to 15' (2.74 m to 4.57 m) diameter. These structures provide safe and effective support of bins loading into trucks, rail cars or equipment.

Structures are made from hot-dip galvanized structural steel for years of maintenance-free service. The structures feature a bolt-together design for easy on-site construction, preventing the need for welding. Single and double structures are available, and the standard clear height below the structure is 14' (4.27 m).



Specifications

Bin Model Number	Diameter		Overall Height		Volume Capacity		Bushels +5% Compaction	@770 kg/m ³ Metric Tons
	Feet	Meters	Feet	Meters	Cubic Feet	Cubic Meters		
60° Hopper Bottom Bins - Center Discharge								
6601HBT	6'	1.83	12' 1"	3.68	164	4.6	132	3.6
6602HBT	6'	1.83	15' 7"	4.76	263	7.5	212	5.7
6603HBT	6'	1.83	19' 2"	5.84	363	10.3	291	7.9
6604HBT	6'	1.83	22' 9"	6.93	462	13.1	371	10.1
9601HBT	9'	2.74	15' 7"	4.74	439	12.4	353	9.6
9602HBT	9'	2.74	19' 1"	5.82	663	18.8	533	14.4
9603HBT	9'	2.74	22' 8"	6.91	887	25.1	713	19.3
9604HBT	9'	2.74	26' 3"	7.99	1,111	31.5	893	24.2
9605HBT	9'	2.74	29' 9"	9.07	1,335	37.8	1,072	29.1
9606HBT	9'	2.74	33' 4"	10.16	1,558	44.1	1,252	33.9
1201HBT-60	12'	3.66	19' 1"	5.82	907	25.7	729	19.8
1202HBT-60	12'	3.66	22' 8"	6.90	1,305	37.0	1,049	28.4
1203HBT-60	12'	3.66	26' 2"	7.99	1,703	48.2	1,368	37.1
1204HBT-60	12'	3.66	29' 9"	9.07	2,101	59.5	1,688	45.7
1205HBT-60	12'	3.66	33' 4"	10.15	2,499	70.8	2,008	54.4
1501HBT-60	15'	4.57	22' 7"	6.89	1,612	45.7	1,296	35.1
1502HBT-60	15'	4.57	26' 2"	7.97	2,234	63.3	1,795	48.6
1503HBT-60	15'	4.57	29' 9"	9.06	2,856	80.9	2,295	62.2
1504HBT-60	15'	4.57	33' 3"	10.14	3,478	98.5	2,794	75.7
1505HBT-60	15'	4.57	36' 10"	11.23	4,099	116.1	3,294	89.3
1506HBT-60	15'	4.57	40' 5"	12.31	4,721	133.7	3,794	102.8
1507SHBT-60	15'	4.57	44' 1"	13.44	5,343	151.3	4,508	122.1
1508SHBT-60**	15'	4.57	47' 8"	14.53	5,964	168.9	5,032	136.4
1509SHBT-60**	15'	4.57	51' 3"	15.61	6,586	186.5	5,557	150.6
1510SHBT-60**	15'	4.57	54' 9"	16.70	7,208	204.1	6,081	164.8
1511SHBT-60**	15'	4.57	59' 3"	18.05	7,985	226.1	6,737	182.5
1512SHBT-60**	15'	4.57	61' 11"	18.86	8,451	239.3	7,131	193.2
1514SHBT-60**	15'	4.57	67' 0"	20.42	9,345	264.6	7,885	213.6
1804SHBT-60**	18'	5.49	36' 11"	11.24	5,291	149.8	4,464	121.0
1805SHBT-60**	18'	5.49	40' 5"	12.33	6,186	175.2	5,220	141.4
1806SHBT-60**	18'	5.49	44' 0"	13.41	7,082	200.5	5,975	161.9
1807SHBT-60**	18'	5.49	47' 7"	14.50	7,977	225.9	6,730	182.4
1808SHBT-60**	18'	5.49	51' 7"	15.72	8,990	254.6	7,586	205.5
1809SHBT-60**	18'	5.49	55' 2"	16.81	9,886	279.9	8,341	226.0
1810SHBT-60**	18'	5.49	58' 8"	17.89	10,781	305.3	9,096	246.5
1811SHBT-60**	18'	5.49	63' 2"	19.25	11,900	337.0	10,041	272.0
1812SHBT-60**	18'	5.49	65' 10"	20.06	12,571	356.0	10,607	287.4
1814SHBT-60**	18'	5.49	70' 11"	21.62	13,858	392.4	11,693	316.8
2104SHBT-60**	21'	6.40	40' 4"	12.29	7,588	214.9	6,402	173.5
2105SHBT-60**	21'	6.40	43' 11"	13.38	8,806	249.4	7,430	201.3
2106SHBT-60**	21'	6.40	47' 5"	14.46	10,025	283.9	8,458	229.2
2107SHBT-60**	21'	6.40	51' 0"	15.55	11,243	318.4	9,486	257.0
2108SHBT-60**	21'	6.40	55' 0"	16.77	12,623	357.5	10,651	288.6
2109SHBT-60**	21'	6.40	58' 7"	17.86	13,842	392.0	11,679	316.4
2110SHBT-60**	21'	6.40	62' 2"	18.94	15,060	426.5	12,707	344.3
2111SHBT-60**	21'	6.40	66' 7"	20.30	16,583	469.6	13,992	379.1
2112SHBT-60**	21'	6.40	69' 3"	21.11	17,497	495.5	14,763	400.0
2114SHBT-60**	21'	6.40	74' 4"	22.67	19,249	545.1	16,241	440.1
45° Hopper Bottom Bins - Center Discharge								
1201HBT	12'	3.66	15' 10"	4.82	744	21.1	598	16.2
1202HBT	12'	3.66	19' 4"	5.90	1,142	32.3	918	24.9
1203HBT	12'	3.66	22' 11"	6.99	1,540	43.6	1,237	33.5
1204HBT	12'	3.66	26' 6"	8.07	1,938	54.9	1,557	42.2
1205HBT	12'	3.66	30' 0"	9.15	2,336	66.1	1,877	50.9
1501HBT	15'	4.57	18' 3"	5.56	1,294	36.6	1,040	28.2
1502HBT	15'	4.57	21' 10"	6.64	1,916	54.3	1,539	41.7
1503HBT	15'	4.57	25' 4"	7.73	2,537	71.9	2,039	55.2
1504HBT	15'	4.57	28' 11"	8.81	3,159	89.5	2,539	68.8
1505HBT	15'	4.57	32' 6"	9.89	3,781	107.1	3,038	82.3
1506HBT	15'	4.57	36' 0"	10.98	4,403	124.7	3,538	95.9
1507SHBT**	15'	4.57	39' 9"	12.11	5,024	142.3	4,239	114.9

Specifications

Bin Model Number	Diameter		Overall Height		Volume Capacity		Bushels +5% Compaction	@770 kg/m ³ Metric Tons
	Feet	Meters	Feet	Meters	Cubic Feet	Cubic Meters		
1508SHBT**	15'	4.57	43' 4"	13.19	5,646	159.9	4,764	129.1
1509SHBT**	15'	4.57	46' 10"	14.28	6,268	177.5	5,288	143.3
1510SHBT**	15'	4.57	50' 5"	15.36	6,889	195.1	5,813	157.5
1511SHBT**	15'	4.57	54' 10"	16.72	7,667	217.1	6,469	175.3
1804HBT	18'	5.49	31' 5"	9.58	4,741	134.3	4,000	108.4
1805HBT	18'	5.49	35' 0"	10.66	5,636	159.6	4,756	128.9
1806SHBT	18'	5.49	38' 6"	11.75	6,532	185.0	5,511	149.3
1807SHBT**	18'	5.49	42' 1"	12.83	7,427	210.3	6,266	169.8
1808SHBT**	18'	5.49	46' 2"	14.06	8,446	239.2	7,127	193.1
1809SHBT**	18'	5.49	49' 8"	15.15	9,342	264.5	7,882	213.6
1810SHBT**	18'	5.49	53' 3"	16.23	10,237	289.9	8,637	234.0
1811SHBT**	18'	5.49	57' 8"	17.59	11,356	321.6	9,581	259.6
1812SHBT**	18'	5.49	60' 4"	18.40	12,027	340.6	10,148	275.0
1814SHBT**	18'	5.49	65' 6"	19.96	13,314	377.0	11,234	304.4
2104HBT	21'	6.40	33' 9"	10.29	6,714	190.1	5,665	153.5
2105SHBT	21'	6.40	37' 4"	11.38	7,933	224.6	6,693	181.4
2106SHBT**	21'	6.40	40' 11"	12.46	9,151	259.1	7,721	209.2
2107SHBT**	21'	6.40	44' 5"	13.55	10,370	293.6	8,749	237.1
2108SHBT**	21'	6.40	48' 6"	14.78	11,758	332.9	9,920	268.8
2109SHBT**	21'	6.40	52' 1"	15.87	12,976	367.5	10,949	296.7
2110SHBT**	21'	6.40	55' 7"	16.95	14,195	402.0	11,977	324.5
2111SHBT**	21'	6.40	60' 1"	18.30	15,718	445.1	13,262	359.3
2112SHBT**	21'	6.40	62' 9"	19.12	16,632	471.0	14,033	380.2
2114SHBT**	21'	6.40	67' 10"	20.67	18,383	520.6	15,511	420.3
2407SHBT**	24'	7.32	47' 5"	14.44	14,144	400.5	11,934	323.3
2408SHBT**	24'	7.32	50' 11"	15.52	15,735	445.6	13,276	359.7
2409SHBT**	24'	7.32	54' 6"	16.61	17,327	490.7	14,619	396.1
2410SHBT**	24'	7.32	58' 1"	17.69	18,918	535.7	15,962	432.5
2411SHBT**	24'	7.32	62' 6"	19.05	20,908	592.1	17,641	478.0
2412SHBT**	24'	7.32	65' 2"	19.86	22,101	625.9	18,648	505.3
2414SHBT**	24'	7.32	70' 3"	21.42	24,389	690.6	20,578	557.6
2707SHBT**	27'	8.23	49' 0"	14.93	18,332	519.1	15,468	419.1
2708SHBT**	27'	8.23	52' 7"	16.02	20,347	576.2	17,167	465.1
2709SHBT**	27'	8.23	56' 1"	17.10	22,361	633.2	18,867	511.2
2710SHBT**	27'	8.23	59' 8"	18.18	24,375	690.3	20,566	557.2
2711SHBT**	27'	8.23	64' 1"	19.54	26,893	761.6	22,691	614.8
2712SHBT**	27'	8.23	66' 9"	20.35	28,404	804.3	23,966	649.3
2714SHBT**	27'	8.23	71' 11"	21.91	31,299	886.3	26,409	715.5
40° Stiffened Hopper Bottom Bins - Center Discharge								
3007SHBT**	30'	9.14	49' 2"	14.99	22,696	642.7	19,150	518.9
3008SHBT**	30'	9.14	52' 9"	16.07	25,183	713.1	21,248	575.7
3009SHBT**	30'	9.14	56' 4"	17.16	27,670	783.6	23,346	632.6
3010SHBT**	30'	9.14	59' 10"	18.24	30,157	854.0	25,445	689.4
3011SHBT**	30'	9.14	64' 4"	19.60	33,265	942.0	28,067	760.5
3012SHBT**	30'	9.14	67' 0"	20.41	35,130	994.8	29,641	803.1
3014SHBT**	30'	9.14	72' 1"	21.97	38,705	1,096.0	32,657	884.8
3307SHBT**	33'	10.06	51' 4"	15.63	28,040	794.0	23,658	641.0
3308SHBT**	33'	10.06	54' 10"	16.72	31,049	879.2	26,197	709.8
3309SHBT**	33'	10.06	58' 5"	17.80	34,058	964.4	28,736	778.6
3310SHBT**	33'	10.06	62' 0"	18.88	37,067	1,049.7	31,275	847.4
3311SHBT**	33'	10.06	66' 5"	20.24	40,828	1,156.2	34,449	933.4
3312SHBT**	33'	10.06	69' 1"	21.05	43,085	1,220.1	36,353	985.0
3314SHBT**	33'	10.06	74' 2"	22.61	47,410	1,342.6	40,002	1,083.9
3607SHBT**	36'	10.97	53' 5"	16.28	34,057	964.4	28,735	778.6
3608SHBT**	36'	10.97	57' 0"	17.36	37,638	1,065.8	31,757	860.4
3609SHBT**	36'	10.97	60' 6"	18.45	41,218	1,167.2	34,778	942.3
3610SHBT**	36'	10.97	64' 1"	19.53	44,799	1,268.6	37,799	1,024.2
3611SHBT**	36'	10.97	68' 6"	20.88	49,276	1,395.4	41,576	1,126.5
3612SHBT**	36'	10.97	71' 2"	21.70	51,961	1,471.4	43,842	1,187.9
3614SHBT**	36'	10.97	76' 4"	23.25	57,109	1,617.2	48,186	1,305.6
3615SHBT**	36'	10.97	81' 10"	24.95	62,704	1,775.7	52,907	1,433.5
3616SHBT**	36'	10.97	85' 5"	26.03	66,285	1,877.1	55,928	1,515.4

Grain bin roofs have a 30° slope.

Bins 42' (12.80 m) diameter and smaller use single-stage self-supporting roof sheets. Bins 48' (14.63 m) diameter and larger are designed with complete structural systems consisting of "C" shaped rafters and purlins (raftered roof). Standard non-raftered roofs are designed for a 2 psf dead load and 20 psf live/snow load. Roof designs and pricing for live/snow loads greater than 20 psf are available as an upgrade.

Standard raftered roofs are designed for 6 psf dead load and 25 psf live/snow load. Live/snow loads larger than 25 psf will require a special design.

The table at the right includes the standard roof peak cap configurations, optional heavy-duty (HD) peak caps, and standard maximum peak loading capabilities.



ROOF CONFIGURATIONS & LOADING LIMITS *			
BIN DIAMETER	NON-RAFTERED ROOFS		
	STANDARD PEAK CAP	OPTIONAL PEAK CAP	MAXIMUM PEAK LOADS
6' - 24' (1.83 m - 7.32 m)	BOTTLE CAP	26" (0.66 m) HEAVY-DUTY, HINGED	2,000 (907 kg)
27' - 42' (8.23 m - 12.80 m)	42" (1.07 m) FORMED, REMOVEABLE	42" (1.07 m) HEAVY-DUTY, REMOVEABLE	3,000 (1,361 kg)

BIN DIAMETER	RAFTERED ROOFS		
	STANDARD PEAK CAP	OPTIONAL PEAK CAP	MAXIMUM PEAK LOADS
36' - 42' (10.97 m - 12.80 m)	42" (1.07 m) HEAVY-DUTY, BOLT-DOWN	N/A	5,000 (2,268 kg)
48' (14.63 m)	42" (1.07 m) HEAVY-DUTY, BOLT-DOWN	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	10,000 (4,536 kg)
51' - 57' (15.54 m - 17.37 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	N/A	10,000 (4,536 kg)
60' - 69' (18.29 m - 21.03 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	N/A	15,000 (6,804 kg)
72' - 78' (21.95 m - 23.77 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	N/A	20,000 (9,072 kg)
81' - 87' (24.69 m - 26.52 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	84" (2.13 m) HEAVY-DUTY, BOLT-DOWN	20,000 (9,072 kg)
90' - 96' (27.43 m - 29.26 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	84" (2.13 m) HEAVY-DUTY, BOLT-DOWN	25,000 (11,340 kg)
102' - 105' (31.09 m - 32.00 m)	66" (1.68 m) HEAVY-DUTY, BOLT-DOWN	84" (2.13 m) HEAVY-DUTY, BOLT-DOWN	30,000 (13,608 kg)
108' - 138' (32.92 m - 42.06 m)	84" (2.13 m) HEAVY-DUTY, BOLT-DOWN	N/A	40,000 (18,144 kg)

* Increased peak load designs are available for all bins by request.



SCAFCO structural steel catwalks and towers are custom-designed to meet project requirements. All custom SCAFCO structures bolt together on site and can be designed to meet varying live, snowload, wind and seismic requirements. Structures allow the flexibility to add platforms, walk-around access as needed where necessary. All structural catwalks and towers are hot-dip galvanized to ensure many years of maintenance-free reliability and are fabricated by certified welders.

Bolt-together, all-galvanized steel catwalks are available in standard widths of 48", 58" and 68" (1.22 m, 1.47 m and 1.72 m), with clear spans up to 50' (15.25 m). Each catwalk includes a 24" (610 mm) wide non-skid walkway. Full-width walkway versions are available for personnel safety. All catwalks are manufactured from high-strength galvanized steel with G115 coated steel (min. 350 gr/m² zinc) and are available in increments of 4'0" (1.22 m) and standard lengths of 12'0" (3.66 m).



Towers

SCAFCO designs and manufactures towers to meet project site requirements.

SCAFCO elevator support towers are designed with integral stairways and platforms and are constructed with structural steel columns, beams, and braces.



Galvanized Catwalks

SCAFCO can design catwalks and equipment to connect at any angle and incline required by the project site.

Catwalks may be designed to support conveyors of any width. Walkways may be supplied with structural bar grating or cold formed slip resistant decking.

SCAFCO bucket elevators are built strong, reliable, and designed to be fast and efficient for all stages of material handling. SCAFCO guarantees that each system is designed and engineered to meet specific agricultural, commercial, and industrial requirements.

SCAFCO bucket elevators have corrosion-resistant G-115 (min. 350 gr/m² zinc) galvanized coating, giving a durable, long lasting quality finish. Heavy-duty, crowned-face, double-disc drum pulley with static-conductive, oil resistant and fire retardant lagging is standard on all models.



Elevator Heads

Two piece full-radius contoured hoods minimize wear, improve material discharge flow, and offer easy interior accessibility. All elevator heads include a pressure relief panel, crowned pulleys, and pillow block bearings.

Platforms

Platforms are punched with a slip resistant pattern and feature a hatch that can be closed over the ladder access port. Built to OSHA safety standards, SCAFCO platforms provide easy access to the motor and drive.



Service Panel

SCAFCO elevator heads feature service panels on each side for easy maintenance. These panels are weather-tight and flush to the inside.

Elevator Boots

SCAFCO elevator boots are made of 11 gauge (3 mm) galvanized steel with bolted, angled vertical stiffeners and feature belt-tension take-up screws, utilizing corrosion-resistant ACME threaded rod. 7 gauge (4.55 mm) boots are standard on higher capacity models. All elevator boots include externally mounted flange bearings, which provide material separation to prevent contamination, lower operation temperatures, and provide easy access for maintenance.



Motors

Energy efficient motors are available for both domestic and international applications.

Trunking and Ladders

Engineered to be sturdy and strong, SCAFCO trunking will keep your bucket elevators standing tall for years to come. A unique bolt-together splice flange design provides rigidity and a weather tight seal.

Optional SCAFCO bucket elevator ladders are designed to be lightweight, easy to assemble and manufactured to meet OSHA safety standards.



SCAFCO chain conveyors offer many features to help maximize performance and reduce operating costs. Each conveyor features heavy-duty all-bolted galvanized steel construction with easy access to all vital components. Standard sizes are 8", 12", 16" and 21" (204 mm, 305 mm, 406 mm and 533 mm). Custom sizes are also available.

SCAFCO conveyors are manufactured from G115 coated steel (min. 350gr/m² zinc) giving a durable corrosion resistant finish.

Features:

- External mount flange bearings on all conveyors
- Heavy-duty chain tension take-up system
- Hardened steel sprockets (split hubs available)
- Minimum 8 gauge (3.80 mm) bearing mounts on all conveyors
- Shafts are turned, ground and polished
- All-bolted construction for ease of maintenance
- Standard roller chain or welded steel chain is used on high capacity conveyors
- Plugged head switch

Options:

- Abrasion-resistant steel wear liners with recessed fasteners for removal or replacement
- Slack chain switch
- Split sprockets
- Return cup flight attachments are available





WATER TANKS

- Corrosion resistant
- 6' to 36' (1.83 m to 10.97 m) diameters with wall heights up to 14' (4.37 m)
- Capacities up to 104,600 gallons (396,950 liters)
- Pre-Engineered Tank System
- Designed to meet custom needs



AGGREGATE STORAGE BINS

- Cost effective solution for storage of aggregate materials
- Load and unload more easily
- Can be assembled on-site
- Available in both an open top model or with roof
- Capacities up to 1,626 yd³ (1,243 m³)



NUT STORAGE BINS

- Prevention of moisture re-entering the product after drying
- Efficient use of space
- Ease of filling and discharge
- Protection from the elements, insects, rodents and birds
- A complete line of accessories such as let-down ladders, full floors, walk in doors, centrifugal fans are also available



FRAC SAND BINS

- Increase efficiencies in a cost effective way
- Constructed from heavy-gauge galvanized steel
- Custom designed
- Made for ease of installation on-site
- A complete line of material handling, structural towers and catwalks are also available

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
1202WI	12	3.66	7' 3"	2.20	10' 9"	3.29	773	26
1203WIR	12	3.66	10' 9"	3.28	14' 4"	4.37	1,109	37
1204WIR	12	3.66	14' 4"	4.37	17' 11"	5.45	1,445	49
1205WIR	12	3.66	17' 11"	5.45	21' 5"	6.54	1,781	60
1206WIR	12	3.66	21' 5"	6.53	25' 0"	7.62	2,117	71
1207WIR	12	3.66	25' 0"	7.62	28' 7"	8.71	2,453	82
1208WIR	12	3.66	28' 7"	8.70	32' 1"	9.79	2,788	94
1209WIR	12	3.66	32' 1"	9.78	35' 8"	10.87	3,124	105
1210WIR	12	3.66	35' 8"	10.87	39' 8"	11.97	3,460	116
1502WI	15	4.57	7' 3"	2.20	11' 8"	3.55	1,247	42
1503WIR	15	4.57	10' 9"	3.28	15' 2"	4.63	1,772	60
1504WIR	15	4.57	14' 4"	4.37	18' 9"	5.72	2,297	77
1505WIR	15	4.57	17' 11"	5.45	22' 4"	6.80	2,822	95
1506WIR	15	4.57	21' 5"	6.53	25' 10"	7.88	3,346	112
1507WIR	15	4.57	25' 0"	7.62	29' 5"	8.97	3,871	130
1508WIR	15	4.57	28' 7"	8.70	33' 0"	10.05	4,396	148
1509WIR	15	4.57	32' 1"	9.78	36' 6"	11.14	4,921	165
1510WIR	15	4.57	35' 8"	10.87	40' 1"	12.22	5,445	183
1532S	15	4.57	32' 1"	9.78	36' 6"	11.14	4,921	165
1536S	15	4.57	35' 8"	10.87	40' 1"	12.22	5,445	183
1539S	15	4.57	39' 3"	11.95	43' 8"	13.30	5,970	200
1540S	15	4.57	40' 1"	12.22	44' 6"	13.57	6,101	205
1543S	15	4.57	42' 9"	13.04	47' 2"	14.39	6,495	218
1544S	15	4.57	43' 8"	13.31	48' 1"	14.66	6,626	222
1546S	15	4.57	46' 4"	14.12	50' 9"	15.47	7,070	236
1548S	15	4.57	47' 11"	14.59	52' 4"	15.95	7,249	243
1550S	15	4.57	49' 11"	15.20	54' 4"	16.55	7,544	253
1552S	15	4.57	51' 5"	15.68	55' 10"	17.03	7,774	261
1554S	15	4.57	53' 5"	16.29	57' 10"	17.64	8,069	271
1557S	15	4.57	57' 0"	17.37	61' 5"	18.72	8,594	288
1561S	15	4.57	60' 7"	18.45	65' 0"	19.81	9,119	306
1564S	15	4.57	64' 1"	19.54	68' 6"	20.89	9,643	324
1803WIR	18	5.49	10' 9"	3.28	16' 1"	4.90	2,608	88
1804WIR	18	5.49	14' 4"	4.37	19' 7"	5.98	3,364	113
1805WIR	18	5.49	17' 11"	5.45	23' 2"	7.06	4,119	138
1806WIR	18	5.49	21' 5"	6.53	26' 9"	8.15	4,875	164
1807WIR	18	5.49	25' 0"	7.62	30' 3"	9.23	5,631	189
1808WIR	18	5.49	28' 7"	8.70	33' 10"	10.32	6,386	214
1809WIR	18	5.49	32' 1"	9.78	37' 5"	11.40	7,142	240
1810WIR	18	5.49	35' 8"	10.87	40' 11"	12.48	7,898	265
1832S	18	5.49	32' 1"	9.78	37' 5"	11.40	7,142	240
1836S	18	5.49	35' 8"	10.87	40' 11"	12.48	7,898	265
1839S	18	5.49	39' 3"	11.95	44' 6"	13.57	8,653	290
1840S	18	5.49	40' 1"	12.22	45' 5"	13.84	8,842	297
1843S	18	5.49	42' 9"	13.04	48' 1"	14.65	9,409	316
1844S	18	5.49	43' 8"	13.31	48' 11"	14.92	9,598	322
1846S	18	5.49	46' 4"	14.12	51' 7"	15.73	10,165	341
1848S	18	5.49	47' 11"	14.59	53' 2"	16.21	10,495	352
1850S	18	5.49	49' 11"	15.20	55' 2"	16.82	10,920	366
1852S	18	5.49	51' 5"	15.68	56' 9"	17.29	11,251	377
1854S	18	5.49	53' 5"	16.29	58' 9"	17.90	11,676	392
1857S	18	5.49	57' 0"	17.37	62' 3"	18.98	12,431	417
1861S	18	5.49	60' 7"	18.45	65' 10"	20.07	13,187	442
1864S	18	5.49	64' 1"	19.54	69' 5"	21.15	13,943	468
1868S	18	5.49	67' 8"	20.62	72' 11"	22.24	14,698	493
1871S	18	5.49	71' 3"	21.71	76' 6"	23.32	15,454	519
1875S	18	5.49	74' 9"	22.79	80' 1"	24.40	16,210	544
1878S	18	5.49	78' 4"	23.87	83' 7"	25.49	16,965	569
1881S	18	5.49	81' 11"	24.92	87' 2"	26.57	17,721	595
2104WIR	21	6.40	14' 4"	4.37	20' 6"	6.24	4,655	156
2105WIR	21	6.40	17' 11"	5.45	24' 0"	7.33	5,684	191
2106WIR	21	6.40	21' 5"	6.53	27' 7"	8.41	6,712	225
2107WIR	21	6.40	25' 0"	7.62	31' 2"	9.49	7,741	260
2108WIR	21	6.40	28' 7"	8.70	34' 8"	10.58	8,769	294
2109WIR	21	6.40	32' 1"	9.78	38' 3"	11.66	9,798	329
2110WIR	21	6.40	35' 8"	10.87	41' 10"	12.75	10,826	363
2132S	21	6.40	32' 1"	9.78	38' 3"	11.66	9,798	329
2136S	21	6.40	35' 8"	10.87	41' 10"	12.75	10,826	363
2139S	21	6.40	39' 3"	11.95	45' 4"	13.83	11,855	398
2140S	21	6.40	40' 1"	12.22	46' 3"	14.10	12,112	406
2143S	21	6.40	42' 9"	13.04	48' 11"	14.91	12,883	432
2144S	21	6.40	43' 8"	13.31	49' 10"	15.18	13,140	441
2146S	21	6.40	46' 4"	14.12	52' 6"	16.00	13,912	467
2148S	21	6.40	47' 11"	14.59	54' 0"	16.47	14,361	482
2150S	21	6.40	49' 11"	15.20	56' 1"	17.08	14,940	501
2152S	21	6.40	51' 5"	15.68	57' 7"	17.55	15,390	516
2154S	21	6.40	53' 5"	16.29	59' 7"	18.16	15,969	536
2157S	21	6.40	57' 0"	17.37	63' 2"	19.25	16,997	570
2161S	21	6.40	60' 7"	18.45	66' 8"	20.33	18,026	605
2164S	21	6.40	64' 1"	19.54	70' 3"	21.41	19,054	639
2168S	21	6.40	67' 8"	20.62	73' 10"	22.50	20,083	674
2171S	21	6.40	71' 3"	21.71	77' 4"	23.58	21,111	708

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
2175S	21	6.40	74' 9"	22.79	80' 11"	24.67	22,140	743
2178S	21	6.40	78' 4"	23.87	84' 6"	25.75	23,168	777
2181S	21	6.40	81' 11"	24.96	88' 0"	26.83	24,197	812
2404WIR	24	7.32	14' 4"	4.37	21' 4"	6.51	6,209	207
2405WIR	24	7.32	17' 11"	5.45	24' 11"	7.59	7,559	252
2406WIR	24	7.32	21' 5"	6.53	28' 5"	8.67	8,909	298
2407WIR	24	7.32	25' 0"	7.62	32' 0"	9.76	10,259	343
2408WIR	24	7.32	28' 7"	8.70	35' 7"	10.84	11,608	388
2409WIR	24	7.32	32' 1"	9.78	39' 1"	11.92	12,958	433
2410WIR	24	7.32	35' 8"	10.87	42' 8"	13.01	14,308	478
2432S	24	7.32	32' 1"	9.78	39' 1"	11.92	12,958	433
2436S	24	7.32	35' 8"	10.87	42' 8"	13.01	14,308	478
2439S	24	7.32	39' 3"	11.95	46' 3"	14.09	15,658	523
2440S	24	7.32	40' 1"	12.22	47' 1"	14.36	15,995	534
2443S	24	7.32	42' 9"	13.04	49' 10"	15.18	17,007	568
2444S	24	7.32	43' 8"	13.31	50' 8"	15.45	17,345	579
2446S	24	7.32	46' 4"	14.12	53' 4"	16.26	18,357	613
2448S	24	7.32	47' 11"	14.59	54' 11"	16.73	18,948	633
2450S	24	7.32	49' 11"	15.20	56' 11"	17.34	19,707	658
2452S	24	7.32	51' 5"	15.68	58' 5"	17.82	20,297	678
2454S	24	7.32	53' 5"	16.29	60' 5"	18.43	21,057	703
2457S	24	7.32	57' 0"	17.37	64' 0"	19.51	22,406	748
2461S	24	7.32	60' 7"	18.45	67' 7"	20.59	23,756	793
2464S	24	7.32	64' 1"	19.54	71' 1"	21.68	25,106	838
2468S	24	7.32	67' 8"	20.62	74' 8"	22.76	26,456	883
2471S	24	7.32	71' 3"	21.71	78' 3"	23.84	27,805	928
2475S	24	7.32	74' 9"	22.79	81' 9"	24.93	29,155	974
2478S	24	7.32	78' 4"	23.87	85' 4"	26.01	30,505	1,019
2481S	24	7.32	81' 11"	24.96	88' 11"	27.10	31,855	1,064
2705WIR	27	8.23	17' 11"	5.45	25' 2"	7.68	9,740	324
2706WIR	27	8.23	21' 5"	6.53	28' 9"	8.76	11,456	381
2707WIR	27	8.23	25' 0"	7.62	32' 4"	9.84	13,173	438
2708WIR	27	8.23	28' 7"	8.70	35' 10"	10.93	14,889	495
2709WIR	27	8.23	32' 1"	9.78	39' 5"	12.01	16,605	552
2710WIR	27	8.23	35' 8"	10.87	43' 0"	13.10	18,322	609
2732S	27	8.23	32' 1"	9.78	39' 5"	12.01	16,605	552
2736S	27	8.23	35' 8"	10.87	43' 0"	13.10	18,322	609
2739S	27	8.23	39' 3"	11.95	46' 6"	14.18	20,038	666
2740S	27	8.23	40' 1"	12.22	47' 5"	14.45	20,467	680
2743S	27	8.23	42' 9"	13.04	50' 1"	15.26	21,755	723
2744S	27	8.23	43' 8"	13.31	51' 0"	15.53	22,184	737
2746S	27	8.23	46' 4"	14.12	53' 8"	16.35	23,471	780
2748S	27	8.23	47' 11"	14.59	55' 2"	16.82	24,222	805
2750S	27	8.23	49' 11"	15.20	57' 2"	17.43	25,187	837
2752S	27	8.23	51' 5"	15.68	58' 9"	17.90	25,938	862
2754S	27	8.23	53' 5"	16.29	60' 9"	18.51	26,904	894
2757S	27	8.23	57' 0"	17.37	64' 4"	19.60	28,620	951
2761S	27	8.23	60' 7"	18.45	67' 10"	20.68	30,336	1,008
2764S	27	8.23	64' 1"	19.54	71' 5"	21.77	32,053	1,065
2768S	27	8.23	67' 8"	20.62	75' 0"	22.85	33,769	1,122
2771S	27	8.23	71' 3"	21.71	78' 6"	23.93	35,486	1,179
2775S	27	8.23	74' 9"	22.79	82' 1"	25.02	37,202	1,236
2778S	27	8.23	78' 4"	23.87	85' 8"	26.10	38,918	1,293
2781S	27	8.23	81' 11"	24.96	89' 2"	27.18	40,635	1,350
3005WIR	30	9.14	17' 11"	5.45	26' 1"	7.94	12,240	405
3006WIR	30	9.14	21' 5"	6.53	29' 7"	9.02	14,369	475
3007WIR	30	9.14	25' 0"	7.62	33' 2"	10.11	16,498	546
3008WIR	30	9.14	28' 7"	8.70	36' 9"	11.19	18,627	616
3009WIR	30	9.14	32' 1"	9.78	40' 3"	12.27	20,756	687
3010WIR	30	9.14	35' 8"	10.87	43' 10"	13.36	22,885	757
3032S	30	9.14	32' 1"	9.78	40' 3"	12.27	20,756	687
3036S	30	9.14	35' 8"	10.87	43' 10"	13.36	22,885	757
3039S	30	9.14	39' 3"	11.95	47' 5"	14.44	25,014	827
3040S	30	9.14	40' 1"	12.22	48' 3"	14.71	25,546	845
3043S	30	9.14	42' 9"	13.04	50' 11"	15.53	27,143	898
3044S	30	9.14	43' 8"	13.31	51' 10"	15.80	27,675	915
3046S	30	9.14	46' 4"	14.12	54' 6"	16.61	29,271	968
3048S	30	9.14	47' 11"	14.59	56' 1"	17.08	30,203	999
3050S	30	9.14	49' 11"	15.20	58' 1"	17.69	31,400	1,039
3052S	30	9.14	51' 5"	15.68	59' 7"	18.17	32,332	1,069
3054S	30	9.14	53' 5"	16.29	61' 7"	18.78	33,529	1,109
3057S	30	9.14	57' 0"	17.37	65' 2"	19.86	35,658	1,179
3061S	30	9.14	60' 7"	18.45	68' 9"	20.94	37,787	1,250
3064S	30	9.14	64' 1"	19.54	72' 3"	22.03	39,916	1,320
3068S	30	9.14	67' 8"	20.62	75' 10"	23.11	42,045	1,391
3071S	30	9.14	71' 3"	21.71	79' 5"	24.20	44,174	1,461
3075S	30	9.14	74' 9"	22.79	82' 11"	25.28	46,303	1,532
3078S	30	9.14	78' 4"	23.87	86' 6"	26.36	48,432	1,602
3081S	30	9.14	81' 11"	24.96	90' 1"	27.45	50,561	1,672
3305WIR	33	10.06	17' 11"	5.45	26' 11"	8.20	15,002	496
3306WIR	33	10.06	21' 5"	6.53	30' 6"	9.29	17,578	581
3307WIR	33	10.06	25' 0"	7.62	34' 0"	10.37	20,154	667

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
3308WIR	33	10.06	28' 7"	8.70	37' 7"	11.45	22,730	752
3309WIR	33	10.06	32' 1"	9.78	41' 2"	12.54	25,306	837
3310WIR	33	10.06	35' 8"	10.87	44' 8"	13.62	27,882	922
3332S	33	10.06	32' 1"	9.78	41' 2"	12.54	25,306	837
3336S	33	10.06	35' 8"	10.87	44' 8"	13.62	27,882	922
3339S	33	10.06	39' 3"	11.95	48' 3"	14.70	30,458	1,007
3340S	33	10.06	40' 1"	12.22	49' 2"	14.98	31,102	1,029
3343S	33	10.06	42' 9"	13.04	51' 10"	15.79	33,034	1,093
3344S	33	10.06	43' 8"	13.31	52' 8"	16.06	33,678	1,114
3346S	33	10.06	46' 4"	14.12	55' 4"	16.87	35,610	1,178
3348S	33	10.06	47' 11"	14.59	56' 11"	17.35	36,737	1,215
3350S	33	10.06	49' 11"	15.20	58' 11"	17.96	38,186	1,263
3352S	33	10.06	51' 5"	15.68	60' 6"	18.43	39,313	1,300
3354S	33	10.06	53' 5"	16.29	62' 6"	19.04	40,762	1,348
3357S	33	10.06	57' 0"	17.37	66' 0"	20.12	43,338	1,434
3361S	33	10.06	60' 7"	18.45	69' 7"	21.21	45,914	1,519
3364S	33	10.06	64' 1"	19.54	73' 2"	22.29	48,490	1,604
3368S	33	10.06	67' 8"	20.62	76' 8"	23.37	51,066	1,689
3371S	33	10.06	71' 3"	21.71	80' 3"	24.46	53,642	1,774
3375S	33	10.06	74' 9"	22.79	83' 10"	25.54	56,219	1,860
3378S	33	10.06	78' 4"	23.87	87' 4"	26.63	58,795	1,945
3381S	33	10.06	81' 11"	24.96	90' 11"	27.71	61,371	2,030
3385S	33	10.06	85' 5"	26.04	94' 6"	28.79	63,947	2,115
3605WIR	36	10.97	17' 11"	5.45	27' 9"	8.46	18,166	598
3606WIR	36	10.97	21' 5"	6.53	31' 4"	9.55	21,246	700
3607WIR	36	10.97	25' 0"	7.62	34' 11"	10.63	24,326	801
3608WIR	36	10.97	28' 7"	8.70	38' 5"	11.72	27,406	902
3609WIR	36	10.97	32' 1"	9.78	42' 0"	12.80	30,487	1,004
3610WIR	36	10.97	35' 8"	10.87	45' 7"	13.88	33,567	1,105
3632S	36	10.97	32' 1"	9.78	42' 0"	12.80	30,487	1,004
3636S	36	10.97	35' 8"	10.87	45' 7"	13.88	33,567	1,105
3639S	36	10.97	39' 3"	11.95	49' 1"	14.97	36,647	1,207
3640S	36	10.97	40' 1"	12.22	50' 0"	15.24	37,417	1,232
3643S	36	10.97	42' 9"	13.04	52' 8"	16.05	39,727	1,308
3644S	36	10.97	43' 8"	13.31	53' 7"	16.32	40,497	1,333
3646S	36	10.97	46' 4"	14.12	56' 3"	17.13	42,807	1,409
3648S	36	10.97	47' 11"	14.59	57' 9"	17.61	44,155	1,454
3650S	36	10.97	49' 11"	15.20	59' 9"	18.22	45,887	1,511
3652S	36	10.97	51' 5"	15.68	61' 4"	18.69	47,235	1,555
3654S	36	10.97	53' 5"	16.29	63' 4"	19.30	48,967	1,612
3657S	36	10.97	57' 0"	17.37	66' 11"	20.39	52,047	1,714
3661S	36	10.97	60' 7"	18.45	70' 5"	21.47	55,127	1,815
3664S	36	10.97	64' 1"	19.54	74' 0"	22.55	58,208	1,916
3668S	36	10.97	67' 8"	20.62	77' 7"	23.64	61,288	2,018
3671S	36	10.97	71' 3"	21.71	81' 1"	24.72	64,368	2,119
3675S	36	10.97	74' 9"	22.79	84' 8"	25.80	67,448	2,221
3678S	36	10.97	78' 4"	23.87	88' 3"	26.89	70,528	2,322
3681S	36	10.97	81' 11"	24.96	91' 9"	27.97	73,608	2,432
3685S								



Specifications								
Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
4240S	42	12.80	40' 1"	12.22	51' 9"	15.76	51,552	1,697
4243S	42	12.80	42' 9"	13.04	54' 5"	16.58	54,696	1,801
4244S	42	12.80	43' 8"	13.31	55' 3"	16.85	55,744	1,835
4246S	42	12.80	46' 4"	14.12	57' 11"	17.66	58,889	1,939
4248S	42	12.80	47' 11"	14.59	59' 6"	18.13	60,723	1,999
4250S	42	12.80	49' 11"	15.20	61' 6"	18.74	63,081	2,077
4252S	42	12.80	51' 5"	15.68	63' 1"	19.22	64,915	2,137
4254S	42	12.80	53' 5"	16.29	65' 1"	19.83	67,273	2,215
4257S	42	12.80	57' 0"	17.37	68' 7"	20.91	71,466	2,353
4261S	42	12.80	60' 7"	18.45	72' 2"	21.99	75,658	2,491
4264S	42	12.80	64' 1"	19.54	75' 9"	23.08	79,851	2,629
4268S	42	12.80	67' 8"	20.62	79' 3"	24.16	84,043	2,767
4271S	42	12.80	71' 3"	21.71	82' 10"	25.25	88,235	2,905
4275S	42	12.80	74' 9"	22.79	86' 5"	26.33	92,428	3,043
4278S	42	12.80	78' 4"	23.87	89' 11"	27.41	96,620	3,181
4281S	42	12.80	81' 11"	24.96	93' 6"	28.50	100,812	3,319
4285S	42	12.80	85' 5"	26.04	97' 1"	29.58	105,005	3,457
4505WIR	45	13.72	17' 11"	5.45	30' 4"	9.25	29,458	970
4506WIR	45	13.72	21' 5"	6.53	33' 11"	10.34	34,271	1,128
4507WIR	45	13.72	25' 0"	7.62	37' 6"	11.42	39,084	1,287
4508WIR	45	13.72	28' 7"	8.70	41' 0"	12.50	43,896	1,445
4509WIR	45	13.72	32' 1"	9.78	44' 7"	13.59	48,709	1,604
4532S	45	13.72	32' 1"	9.78	44' 7"	13.59	48,709	1,604
4536S	45	13.72	35' 8"	10.87	48' 2"	14.67	53,522	1,762
4539S	45	13.72	39' 3"	11.95	51' 8"	15.76	58,334	1,921
4540S	45	13.72	40' 1"	12.22	52' 7"	16.03	59,538	1,960
4543S	45	13.72	42' 9"	13.04	55' 3"	16.84	63,147	2,079
4544S	45	13.72	43' 8"	13.31	56' 2"	17.11	64,350	2,119
4546S	45	13.72	46' 4"	14.12	58' 10"	17.92	67,960	2,237
4548S	45	13.72	47' 11"	14.59	60' 4"	18.40	70,065	2,307
4550S	45	13.72	49' 11"	15.20	62' 4"	19.01	72,772	2,396
4552S	45	13.72	51' 5"	15.68	63' 11"	19.48	74,878	2,465
4554S	45	13.72	53' 5"	16.29	65' 11"	20.09	77,585	2,554
4557S	45	13.72	57' 0"	17.37	69' 6"	21.17	82,398	2,713
4561S	45	13.72	60' 7"	18.45	73' 0"	22.26	87,210	2,871
4564S	45	13.72	64' 1"	19.54	76' 7"	23.34	92,023	3,030
4568S	45	13.72	67' 8"	20.62	80' 2"	24.43	96,836	3,188
4571S	45	13.72	71' 3"	21.71	83' 8"	25.51	101,649	3,346
4575S	45	13.72	74' 9"	22.79	87' 3"	26.59	106,461	3,505
4578S	45	13.72	78' 4"	23.87	90' 10"	27.68	111,274	3,663
4581S	45	13.72	81' 11"	24.96	94' 4"	28.76	116,087	3,822
4585S	45	13.72	85' 5"	26.04	97' 11"	29.84	120,899	3,980
4805WIR	48	14.63	17' 11"	5.45	31' 6"	9.52	33,924	1,117
4806WIR	48	14.63	21' 5"	6.53	34' 9"	10.60	39,400	1,297
4807WIR	48	14.63	25' 0"	7.62	38' 4"	11.68	44,876	1,477
4808WIR	48	14.63	28' 7"	8.70	41' 11"	12.77	50,352	1,658
4809WIR	48	14.63	32' 1"	9.78	45' 5"	13.85	55,827	1,838
4832S	48	14.63	32' 1"	9.78	45' 5"	13.85	55,827	1,838
4836S	48	14.63	35' 8"	10.87	49' 0"	14.93	61,303	2,018
4839S	48	14.63	39' 3"	11.95	52' 7"	16.02	66,779	2,199
4840S	48	14.63	40' 1"	12.22	53' 5"	16.29	68,148	2,244
4843S	48	14.63	42' 9"	13.04	56' 1"	17.10	72,255	2,379
4844S	48	14.63	43' 8"	13.31	57' 0"	17.37	73,624	2,424
4846S	48	14.63	46' 4"	14.12	59' 8"	18.19	77,730	2,559
4848S	48	14.63	47' 11"	14.59	61' 3"	18.66	80,126	2,638
4850S	48	14.63	49' 11"	15.20	63' 3"	19.27	83,206	2,739
4852S	48	14.63	51' 5"	15.68	64' 9"	19.74	85,602	2,818
4854S	48	14.63	53' 5"	16.29	66' 9"	20.35	88,682	2,920
4857S	48	14.63	57' 0"	17.37	70' 4"	21.44	94,158	3,100
4861S	48	14.63	60' 7"	18.45	73' 11"	22.52	99,633	3,280
4864S	48	14.63	64' 1"	19.54	77' 5"	23.60	105,109	3,460
4868S	48	14.63	67' 8"	20.62	81' 0"	24.69	110,585	3,641
4871S	48	14.63	71' 3"	21.71	84' 7"	25.77	116,061	3,821
4875S	48	14.63	74' 9"	22.79	88' 1"	26.86	121,536	4,001
4878S	48	14.63	78' 4"	23.87	91' 8"	27.94	127,012	4,181
4881S	48	14.63	81' 11"	24.96	95' 3"	29.02	132,488	4,362
4885S	48	14.63	85' 5"	26.04	98' 9"	30.11	137,964	4,542
5132S	51	15.54	32' 1"	9.78	46' 7"	14.20	63,484	2,090
5136S	51	15.54	35' 8"	10.87	50' 2"	15.30	69,665	2,294
5139S	51	15.54	39' 3"	11.95	53' 9"	16.38	75,847	2,497
5140S	51	15.54	40' 1"	12.22	54' 7"	16.64	77,392	2,548
5143S	51	15.54	42' 9"	13.04	57' 3"	17.46	82,029	2,701
5144S	51	15.54	43' 8"	13.31	58' 2"	17.73	83,574	2,751
5146S	51	15.54	46' 4"	14.12	60' 10"	18.54	88,210	2,904
5148S	51	15.54	48' 1"	14.66	62' 7"	19.08	91,301	3,006
5150S	51	15.54	49' 11"	15.20	64' 5"	19.63	94,392	3,108
5152S	51	15.54	51' 8"	15.75	66' 2"	20.17	97,483	3,209
5154S	51	15.54	53' 5"	16.29	67' 11"	20.71	100,573	3,311
5157S	51	15.54	57' 0"	17.37	71' 6"	21.80	106,755	3,515
5161S	51	15.54	60' 7"	18.45	75' 1"	22.90	112,937	3,718
5164S	51	15.54	64' 1"	19.54	78' 7"	23.96	119,118	3,922
5168S	51	15.54	67' 8"	20.62	82' 2"	25.05	125,300	4,125

Specifications								
Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
5171S	51	15.54	71' 3"	21.71	85' 9"	26.14	131,481	4,329
5175S	51	15.54	74' 9"	22.79	89' 3"	27.21	137,663	4,532
5178S	51	15.54	78' 4"	23.87	92' 10"	28.30	143,845	4,736
5181S	51	15.54	81' 11"	24.96	96' 5"	29.39	150,026	4,939
5185S	51	15.54	85' 5"	26.04	99' 11"	30.46	156,208	5,134
5432S	54	16.46	32' 1"	9.78	47' 6"	14.47	71,688	2,360
5436S	54	16.46	35' 8"	10.87	51' 0"	15.56	78,618	2,588
5439S	54	16.46	39' 3"	11.95	54' 7"	16.64	85,548	2,816
5440S	54	16.46	40' 1"	12.22	55' 6"	16.91	87,281	2,873
5443S	54	16.46	42' 9"	13.04	58' 2"	17.72	92,478	3,045
5444S	54	16.46	43' 8"	13.31	59' 0"	17.99	94,211	3,102
5446S	54	16.46	46' 4"	14.12	61' 8"	18.81	99,408	3,273
5448S	54	16.46	48' 1"	14.66	63' 6"	19.35	102,874	3,387
5450S	54	16.46	49' 11"	15.20	65' 3"	19.89	106,339	3,501
5452S	54	16.46	51' 8"	15.75	67' 0"	20.43	109,804	3,615
5454S	54	16.46	53' 5"	16.29	68' 10"	20.97	113,269	3,729
5457S	54	16.46	57' 0"	17.37	72' 4"	22.06	120,199	3,957
5461S	54	16.46	60' 7"	18.45	75' 11"	23.14	127,129	4,185
5464S	54	16.46	64' 1"	19.54	79' 6"	24.22	134,060	4,414
5468S	54	16.46	67' 8"	20.62	83' 0"	25.31	140,990	4,642
5471S	54	16.46	71' 3"	21.71	86' 7"	26.39	147,920	4,870
5475S	54	16.46	74' 9"	22.79	90' 2"	27.48	154,850	5,098
5478S	54	16.46	78' 4"	23.87	93' 8"	28.56	161,781	5,326
5481S	54	16.46	81' 11"	24.96	97' 3"	29.64	168,711	5,554
5485S	54	16.46	85' 5"	26.04	100' 10"	30.73	175,641	5,783
5732S	57	17.37	32' 1"	9.78	48' 4"	14.73	80,448	2,649
5736S	57	17.37	35' 8"	10.87	51' 11"	15.82	88,170	2,903
5739S	57	17.37	39' 3"	11.95	55' 5"	16.90	95,892	3,157
5740S	57	17.37	40' 1"	12.22	56' 4"	17.17	97,882	3,221
5743S	57	17.37	42' 9"	13.04	59' 0"	17.99	103,613	3,411
5744S	57	17.37	43' 8"	13.31	59' 11"	18.26	105,544	3,475
5746S	57	17.37	46' 4"	14.12	62' 7"	19.07	111,335	3,665
5748S	57	17.37	48' 1"	14.66	64' 4"	19.61	115,196	3,792
5750S	57	17.37	49' 11"	15.20	66' 1"	20.15	119,057	3,920
5752S	57	17.37	51' 8"	15.75	67' 11"	20.70	122,917	4,047
5754S	57	17.37	53' 5"	16.29	69' 8"	21.24	126,778	4,174
5757S	57	17.37	57' 0"	17.37	73' 3"	22.32	134,500	4,428
5761S	57	17.37	60' 7"	18.45	76' 10"	23.40	142,222	4,682
5764S	57	17.37	64' 1"	19.54	80' 4"	24.48	149,943	4,936
5768S	57	17.37	67' 8"	20.62	83' 11"	25.57	157,665	5,191
5771S	57	17.37	71' 3"	21.71	87' 6"	26.65	165,387	5,445
5775S	57	17.37	74' 9"	22.79	91' 0"	27.73	173,108	5,699
5778S	57	17.37	78' 4"	23.87	94' 4"	28.83	180,830	5,953
5781S	57	17.37	81' 11"	24.96	98' 2"	29.92	188,552	6,207
5785S	57	17.37	85' 5"	26.04	101' 8"	30.98	196,273	6,462
6032S								

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
6378S	63	19.20	78' 4"	23.87	96' 4"	29.35	222,306	7,319
6381S	63	19.20	81' 11"	24.96	99' 11"	30.44	231,739	7,629
6385S	63	19.20	85' 5"	26.04	103' 5"	31.51	241,172	7,940
6632S	66	20.12	32' 1"	9.78	50' 11"	15.52	110,169	3,627
6636S	66	20.12	35' 8"	10.87	54' 6"	16.61	120,521	3,968
6639S	66	20.12	39' 3"	11.95	58' 1"	17.69	130,874	4,309
6640S	66	20.12	40' 1"	12.22	58' 11"	17.95	133,462	4,394
6643S	66	20.12	42' 9"	13.04	61' 7"	18.77	141,226	4,649
6644S	66	20.12	43' 8"	13.31	62' 6"	19.05	143,815	4,735
6646S	66	20.12	46' 4"	14.12	65' 2"	19.86	151,579	4,990
6648S	66	20.12	48' 1"	14.66	66' 11"	20.39	156,755	5,161
6650S	66	20.12	49' 11"	15.20	68' 8"	20.94	161,932	5,331
6652S	66	20.12	51' 8"	15.75	70' 6"	21.49	167,108	5,502
6654S	66	20.12	53' 5"	16.29	72' 3"	22.02	172,284	5,672
6657S	66	20.12	57' 0"	17.37	75' 10"	23.11	182,637	6,013
6661S	66	20.12	60' 7"	18.45	79' 5"	24.20	192,989	6,354
6664S	66	20.12	64' 1"	19.54	82' 11"	25.27	203,342	6,694
6668S	66	20.12	67' 8"	20.62	86' 6"	26.36	213,695	7,035
6671S	66	20.12	71' 3"	21.71	90' 1"	27.45	224,047	7,376
6675S	66	20.12	74' 9"	22.79	93' 7"	28.52	234,400	7,717
6678S	66	20.12	78' 4"	23.87	97' 2"	29.61	244,752	8,058
6681S	66	20.12	81' 11"	24.96	100' 9"	30.71	255,105	8,399
6685S	66	20.12	85' 5"	26.04	104' 3"	31.77	265,458	8,739
6932S	69	21.03	32' 1"	9.78	51' 9"	15.78	121,253	3,992
6936S	69	21.03	35' 8"	10.87	55' 4"	16.87	132,568	4,364
6939S	69	21.03	39' 3"	11.95	58' 11"	17.95	143,883	4,737
6940S	69	21.03	40' 1"	12.22	59' 9"	18.22	146,712	4,830
6943S	69	21.03	42' 9"	13.04	62' 5"	19.04	155,199	5,109
6944S	69	21.03	43' 8"	13.31	63' 4"	19.31	158,027	5,203
6946S	69	21.03	46' 4"	14.12	66' 0"	20.12	166,514	5,482
6948S	69	21.03	48' 1"	14.66	67' 9"	20.66	172,171	5,668
6950S	69	21.03	49' 11"	15.20	69' 7"	21.20	177,829	5,854
6952S	69	21.03	51' 8"	15.75	71' 4"	21.75	183,486	6,041
6954S	69	21.03	53' 5"	16.29	73' 1"	22.29	189,144	6,227
6957S	69	21.03	57' 0"	17.37	76' 8"	23.37	200,459	6,600
6961S	69	21.03	60' 7"	18.45	80' 3"	24.47	211,774	6,972
6964S	69	21.03	64' 1"	19.54	83' 9"	25.53	223,089	7,345
6968S	69	21.03	67' 8"	20.62	87' 4"	26.63	234,404	7,717
6971S	69	21.03	71' 3"	21.71	90' 11"	27.72	245,720	8,090
6975S	69	21.03	74' 9"	22.79	94' 5"	28.78	257,035	8,462
6678S	69	21.03	78' 4"	23.87	98' 0"	29.88	268,350	8,835
6981S	69	21.03	81' 11"	24.96	101' 7"	30.97	279,665	9,207
6985S	69	21.03	85' 5"	26.04	105' 1"	32.04	290,980	9,580
7232S	72	21.95	32' 1"	9.78	52' 8"	16.05	132,943	4,377
7236S	72	21.95	35' 8"	10.87	56' 2"	17.13	145,263	4,782
7239S	72	21.95	39' 3"	11.95	59' 9"	18.21	157,583	5,188
7240S	72	21.95	40' 1"	12.22	60' 8"	18.49	160,664	5,289
7243S	72	21.95	42' 9"	13.04	63' 4"	19.30	169,904	5,594
7244S	72	21.95	43' 8"	13.31	64' 2"	19.57	172,984	5,695
7246S	72	21.95	46' 4"	14.12	66' 10"	20.38	182,224	5,999
7248S	72	21.95	48' 1"	14.66	68' 8"	20.92	188,385	6,202
7250S	72	21.95	49' 11"	15.20	70' 5"	21.47	194,545	6,405
7252S	72	21.95	51' 8"	15.75	72' 2"	22.01	200,705	6,608
7254S	72	21.95	53' 5"	16.29	74' 0"	22.55	206,865	6,810
7257S	72	21.95	57' 0"	17.37	77' 6"	23.63	219,186	7,216
7261S	72	21.95	60' 7"	18.45	81' 1"	24.72	231,506	7,622
7264S	72	21.95	64' 1"	19.54	84' 8"	25.80	243,826	8,027
7268S	72	21.95	67' 8"	20.62	88' 2"	26.88	256,147	8,433
7271S	72	21.95	71' 3"	21.71	91' 9"	27.97	268,467	8,838
7275S	72	21.95	74' 9"	22.79	95' 4"	29.05	280,788	9,244
7278S	72	21.95	78' 4"	23.87	98' 10"	30.14	293,108	9,650
7281S	72	21.95	81' 11"	24.96	102' 5"	31.22	305,429	10,055
7285S	72	21.95	85' 5"	26.04	106' 0"	32.30	317,749	10,461
7532S	75	22.86	32' 1"	9.78	53' 6"	16.31	145,246	4,782
7536S	75	22.86	35' 8"	10.87	57' 1"	17.39	158,615	5,222
7539S	75	22.86	39' 3"	11.95	60' 7"	18.48	171,983	5,662
7540S	75	22.86	40' 1"	12.22	61' 6"	18.75	175,325	5,772
7543S	75	22.86	42' 9"	13.04	64' 2"	19.56	185,352	6,102
7544S	75	22.86	43' 8"	13.31	65' 1"	19.83	188,694	6,212
7546S	75	22.86	46' 4"	14.12	67' 9"	20.64	198,720	6,542
7548S	75	22.86	48' 1"	14.66	69' 6"	21.19	205,405	6,762
7550S	75	22.86	49' 11"	15.20	71' 4"	21.73	212,089	6,982
7552S	75	22.86	51' 8"	15.75	73' 1"	22.27	218,773	7,202
7554S	75	22.86	53' 5"	16.29	74' 10"	22.81	225,457	7,422
7557S	75	22.86	57' 0"	17.37	78' 5"	23.90	238,826	7,863
7561S	75	22.86	60' 7"	18.45	81' 11"	24.98	252,194	8,303
7564S	75	22.86	64' 1"	19.54	85' 6"	26.06	265,563	8,743
7568S	75	22.86	67' 8"	20.62	89' 1"	27.15	278,932	9,183
7571S	75	22.86	71' 3"	21.71	92' 7"	28.23	292,300	9,623
7575S	75	22.86	74' 9"	22.79	96' 2"	29.31	305,669	10,063
7578S	75	22.86	78' 4"	23.87	99' 9"	30.40	319,037	10,503
7581S	75	22.86	81' 11"	24.96	103' 3"	31.48	332,406	10,943

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
7585S	75	22.86	85' 5"	26.04	106' 10"	32.57	345,744	11,384
7832S	78	23.77	32' 1"	9.78	54' 4"	16.57	158,174	5,207
7836S	78	23.77	35' 8"	10.87	57' 11"	17.66	172,633	5,683
7839S	78	23.77	39' 3"	11.95	61' 6"	18.74	187,093	6,159
7840S	78	23.77	40' 1"	12.22	62' 4"	19.01	190,707	6,278
7843S	78	23.77	42' 9"	13.04	65' 1"	19.82	201,552	6,635
7844S	78	23.77	43' 8"	13.31	65' 11"	20.09	205,167	6,754
7846S	78	23.77	46' 4"	14.12	68' 7"	20.91	216,011	7,112
7848S	78	23.77	48' 1"	14.66	70' 4"	21.45	223,241	7,350
7850S	78	23.77	49' 11"	15.20	72' 2"	21.99	230,471	7,588
7852S	78	23.77	51' 8"	15.75	73' 11"	22.53	237,700	7,826
7854S	78	23.77	53' 5"	16.29	75' 8"	23.07	244,930	8,064
7857S	78	23.77	57' 0"	17.37	79' 3"	24.16	259,390	8,540
7861S	78	23.77	60' 7"	18.45	82' 10"	25.24	273,849	9,016
7864S	78	23.77	64' 1"	19.54	86' 4"	26.33	288,308	9,492
7868S	78	23.77	67' 8"	20.62	89' 11"	27.41	302,768	9,968
7871S	78	23.77	71' 3"	21.71	93' 6"	28.49	317,227	10,444
7875S	78	23.77	74' 9"	22.79	97' 0"	29.58	331,687	10,920
7878S	78	23.77	78' 4"	23.87	100' 7"	30.66	346,146	11,396
7881S	78	23.77	81' 11"	24.96	104' 2"	31.74	360,605	11,872
7885S	78	23.77	85' 5"	26.04	107' 9"	32.83	375,065	12,348
8132S	81	24.69	32' 1"	9.78	55' 3"	16.83	171,735	5,654
8136S	81	24.69	35' 8"	10.87	58' 10"	17.92	187,328	6,167
8139S	81	24.69	39' 3"	11.95	62' 4"	19.00	202,921	6,681
8140S	81	24.69	40' 1"	12.22	63' 3"	19.27	206,819	6,808
8143S	81	24.69	42' 9"	13.04	65' 11"	20.09	218,514	7,194
8144S	81	24.69	43' 8"	13.31	66' 10"	20.36	222,412	7,322
8146S	81	24.69	46' 4"	14.12	69' 5"	21.17	234,107	7,707
8148S	81	24.69	48' 1"	14.66	71' 3"	21.71	241,903	7,964
8450S	81	24.69	49' 11"	15.20	73' 0"	22.25	249,700	8,221
8152S	81	24.69	51' 8"	15.75	74' 10"	22.80	257,497	8,477
8154S	81	24.69	53' 5"	16.29	76' 7"	23.34	265,293	8,734
8157S	81	24.69	57' 0"	17.37	80' 2"	24.42	280,886	9,247
8161S	81	24.69	60' 7"	18.45	83' 9"	25.50	296,479	9,761
8164S	81	24.69	64' 1"	19.54	87' 3"	26.58	312,072	10,274
8168S	81	24.69	67' 8"	20.62	90' 10"	27.67	327,665	10,787
8171S	81	24.69	71' 3"	21.71	94' 5"	28.77	343,258	11,301
8175S	81	24.69	74' 9"	22.79	97' 11"	29.83	358,851	11,814
8178S	81	24.69	78' 4"	23.87	101' 6"	30.93	374,444	12,327
8181S	81	24.69	81' 11"	24.96	105' 1"	32.02	390,037	12,841
8185S	81	24.69	85' 5"	26.04	108' 7"	33.09	405,630	13,354
8432S	84	25.60	32' 1"	9.78	56' 1"	17.09	185,939	6,121
8436S	84	25.60	35' 8"	10.87	59' 8"	18.18	202,708	6,674
8439S	84	25.60	39' 3"	11.95	63' 2"	19.26	219,478	7,226



Specifications								
Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
9036S	90	27.43	35' 8"	10.87	61' 4"	18.71	235,564	7,755
9039S	90	27.43	39' 3"	11.95	64' 11"	19.79	254,815	8,389
9040S	90	27.43	40' 1"	12.22	65' 10"	20.06	259,628	8,547
9043S	90	27.43	42' 9"	13.04	68' 6"	20.87	274,066	9,023
9044S	90	27.43	43' 8"	13.31	69' 4"	21.14	278,878	9,181
9046S	90	27.43	46' 4"	14.12	72' 1"	21.96	293,316	9,657
9048S	90	27.43	48' 1"	14.66	73' 10"	22.50	302,942	9,973
9050S	90	27.43	49' 11"	15.20	75' 7"	23.04	312,567	10,291
9052S	90	27.43	51' 8"	15.75	77' 4"	23.58	322,192	10,607
9054S	90	27.43	53' 5"	16.29	79' 2"	24.12	331,818	10,924
9057S	90	27.43	57' 0"	17.37	82' 8"	25.21	351,068	11,558
9061S	90	27.43	60' 7"	18.45	86' 3"	26.29	370,319	12,192
9064S	90	27.43	64' 1"	19.54	89' 10"	27.38	389,570	12,825
9068S	90	27.43	67' 8"	20.62	93' 4"	28.46	408,820	13,459
9071S	90	27.43	71' 3"	21.71	96' 11"	29.54	428,071	14,093
9075S	90	27.43	74' 9"	22.79	100' 6"	30.63	447,322	14,727
9078S	90	27.43	78' 4"	23.87	104' 0"	31.71	466,572	15,360
9081S	90	27.43	81' 11"	24.96	107' 7"	32.79	485,823	15,994
9085S	90	27.43	85' 5"	26.04	111' 2"	33.88	505,074	16,629
9332S	93	28.34	32' 1"	9.78	58' 8"	17.88	232,504	7,654
9336S	93	28.34	35' 8"	10.87	62' 3"	18.97	253,059	8,331
9339S	93	28.34	39' 3"	11.95	65' 10"	20.05	273,615	9,008
9340S	93	28.34	40' 1"	12.22	66' 8"	20.32	278,753	9,177
9343S	93	28.34	42' 9"	13.04	69' 4"	21.14	294,170	9,685
9344S	93	28.34	43' 8"	13.31	70' 3"	21.41	299,309	9,854
9346S	93	28.34	46' 4"	14.12	72' 11"	22.22	314,725	10,361
9348S	93	28.34	48' 1"	14.66	74' 8"	22.76	325,003	10,700
9350S	93	28.34	49' 11"	15.20	76' 5"	23.30	335,281	11,038
9352S	93	28.34	51' 8"	15.75	78' 3"	23.85	345,559	11,376
9354S	93	28.34	53' 5"	16.29	80' 0"	24.39	355,836	11,715
9357S	93	28.34	57' 0"	17.37	83' 7"	25.47	376,392	12,391
9361S	93	28.34	60' 7"	18.45	87' 2"	26.55	396,947	13,068
9364S	93	28.34	64' 1"	19.54	90' 8"	27.63	417,503	13,745
9368S	93	28.34	67' 8"	20.62	94' 3"	28.72	438,058	14,422
9371S	93	28.34	71' 3"	21.71	97' 10"	29.82	458,614	15,098
9375S	93	28.34	74' 9"	22.79	101' 4"	30.88	479,169	15,775
9378S	93	28.34	78' 4"	23.87	104' 11"	31.98	499,725	16,452
9381S	93	28.34	81' 11"	24.96	108' 6"	33.07	520,280	17,129
9385S	93	28.34	85' 5"	26.04	112' 0"	34.13	540,835	17,805
9632S	96	29.26	32' 1"	9.78	59' 6"	18.14	249,375	8,210
9636S	96	29.26	35' 8"	10.87	63' 1"	19.23	271,278	8,931
9639S	96	29.26	39' 3"	11.95	66' 8"	20.31	293,181	9,652
9640S	96	29.26	40' 1"	12.22	67' 6"	20.58	298,657	9,832
9643S	96	29.26	42' 9"	13.04	70' 3"	21.40	315,084	10,373
9644S	96	29.26	43' 8"	13.31	71' 1"	21.67	320,560	10,553
9646S	96	29.26	46' 4"	14.12	73' 9"	22.48	336,987	11,094
9648S	96	29.26	48' 1"	14.66	75' 6"	23.02	347,938	11,455
9650S	96	29.26	49' 11"	15.20	77' 4"	23.57	358,890	11,815
9652S	96	29.26	51' 8"	15.75	79' 1"	24.11	369,841	12,176
9654S	96	29.26	53' 5"	16.29	80' 10"	24.65	380,793	12,536
9657S	96	29.26	57' 0"	17.37	84' 5"	25.74	402,696	13,257
9661S	96	29.26	60' 7"	18.45	88' 0"	26.83	424,599	13,979
9664S	96	29.26	64' 1"	19.54	91' 6"	27.90	446,502	14,700
9668S	96	29.26	67' 8"	20.62	95' 1"	28.99	468,405	15,421
9671S	96	29.26	71' 3"	21.71	98' 8"	30.08	490,308	16,142
9675S	96	29.26	74' 9"	22.79	102' 2"	31.15	512,211	16,863
9678S	96	29.26	78' 4"	23.87	105' 9"	32.24	534,114	17,584
9681S	96	29.26	81' 11"	24.96	109' 4"	33.33	556,017	18,305
9685S	96	29.26	85' 5"	26.04	112' 10"	34.40	577,920	19,026
9932S	99	30.17	32' 1"	9.78	60' 5"	18.40	266,937	8,788
9936S	99	30.17	35' 8"	10.87	64' 0"	19.50	290,230	9,555
9939S	99	30.17	39' 3"	11.95	67' 6"	20.58	313,524	10,322
9940S	99	30.17	40' 1"	12.22	68' 5"	20.84	319,347	10,513
9943S	99	30.17	42' 9"	13.04	71' 1"	21.66	336,817	11,089
9944S	99	30.17	43' 8"	13.31	72' 0"	21.93	342,640	11,280
9946S	99	30.17	46' 4"	14.12	74' 7"	22.74	360,110	11,855
9948S	99	30.17	48' 1"	14.66	76' 5"	23.28	371,757	12,239
9950S	99	30.17	49' 11"	15.20	78' 2"	23.83	383,403	12,622
9952S	99	30.17	51' 8"	15.75	80' 0"	24.37	395,050	13,006
9954S	99	3,017	53' 5"	16.29	81' 9"	24.91	406,697	13,389
9957S	99	30.17	57' 0"	17.37	85' 4"	26.00	429,990	14,156
9961S	99	30.17	60' 7"	18.45	88' 11"	27.09	453,283	14,923
9964S	99	30.17	64' 1"	19.54	92' 5"	28.16	476,577	15,690
9968S	99	30.17	67' 8"	20.62	96' 0"	29.25	499,870	16,457
9971S	99	30.17	71' 3"	21.71	99' 7"	30.34	523,163	17,223
9975S	99	30.17	74' 9"	22.79	103' 1"	31.41	546,457	17,990
9978S	99	30.17	78' 4"	23.87	106' 8"	32.50	569,750	18,757
9981S	99	30.17	81' 11"	24.96	110' 3"	33.59	593,043	19,524
9985S	99	30.17	85' 5"	26.04	113' 9"	34.66	616,337	20,291

WI = Walk-in Door (in lowest position in bottom and second ring)
 WIR = Raised Walk-in Door (door in bottom and second ring)

Specifications								
Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
10232S	102	31.09	32' 1"	9.78	61' 3"	18.68	285,199	9,389
10236S	102	31.09	35' 8"	10.87	64' 10"	19.76	309,925	10,203
10239S	102	31.09	39' 3"	11.95	68' 4"	20.84	334,652	11,017
10240S	102	31.09	40' 1"	12.22	69' 3"	21.11	340,834	11,221
10243S	102	31.09	42' 9"	13.04	71' 11"	21.92	359,378	11,831
10244S	102	31.09	43' 8"	13.31	72' 10"	22.20	365,560	12,035
10246S	102	31.09	46' 4"	14.12	75' 6"	23.01	384,105	12,645
10248S	102	31.09	48' 1"	14.66	77' 3"	23.54	396,468	13,052
10250S	102	31.09	49' 11"	15.20	79' 1"	24.09	408,831	13,459
10252S	102	31.09	51' 8"	15.75	80' 10"	24.64	421,194	13,866
10254S	102	31.09	53' 5"	16.29	82' 7"	25.17	433,558	14,273
10257S	102	31.09	57' 0"	17.37	86' 2"	26.26	458,284	15,088
10261S	102	31.09	60' 7"	18.45	89' 9"	27.35	483,010	15,902
10264S	102	31.09	64' 1"	19.54	93' 3"	28.42	507,737	16,716
10268S	102	31.09	67' 8"	20.62	96' 10"	29.51	532,463	17,530
10271S	102	31.09	71' 3"	21.71	100' 5"	30.61	557,190	18,344
10275S	102	31.09	74' 9"	22.79	103' 11"	31.67	581,916	19,158
10278S	102	31.09	78' 4"	23.87	107' 6"	32.76	606,643	19,972
10281S	102	31.09	81' 11"	24.96	111' 1"	33.84	631,369	20,786
10285S	102	31.09	85' 5"	26.04	114' 7"	34.92	656,095	21,600
10532S	105	32.00	32' 1"	9.78	62' 1"	18.94	304,171	10,014
10536S	105	32.00	35' 8"	10.87	65' 8"	20.02	330,373	10,876
10539S	105	32.00	39' 3"	11.95	69' 3"	21.10	356,576	11,739
10540S	105	32.00	40' 1"	12.22	70' 1"	21.37	363,126	11,955
10543S	105	32.00	42' 9"	13.04	72' 10"	22.19	382,778	12,602
10544S	105	32.00	43' 8"	13.31	73' 8"	22.46	389,329	12,817
10546S	105	32.00	46' 4"	14.12	76' 4"	23.27	408,980	13,464
10548S	105	32.00	48' 1"	14.66	78' 1"	23.81	422,081	13,896
10550S	105	32.00	49' 11"	15.20	79' 11"	24.35	435,183	14,327
10552S	105	32.00	51' 8"	15.75	81' 8"	24.90	448,284	14,758
10554S	105	32.00	53' 5"	16.29	83' 6"	25.44	461,385	15,190
10557S	105	32.00	57' 0"	17.37	87' 0"	26.52	487,587	16,052
10561S	105	32.00	60' 7"	18.45	90' 7"	27.60	513,790	16,915
10564S	105	32.00	64' 1"	19.54	94' 1"	28.69	539,992	17,777
10568S	105	32.00	67' 8"	20.62	97' 8"	29.77	566,194	18,640
10571S	105	32.00	71' 3"	21.71	101' 3"	30.86	592,396	19,503
10575S	105	32.00	74' 9"	22.79	104' 9"	31.94	618,599	20,365
10578S	105	32.00	78' 4"	23.87	108' 4"	33.02	644,801	21,228
10581S	105	32.00	81' 11"	24.96	111' 11"	34.11	671,003	22,091
10585S	105	32.00	85' 5"	26.04	115' 6"	35.19	697,206	22,953
10832S	108	32.92	32' 1"	9.78	63' 0"	19.19	323,862	10,662
10836S	108	32.92	35' 8"	10.87	66' 7"	20.28	351,583	11,575
10839S	108	32.92	39' 3"	11.95	70' 1"	21.37	379,304	12,487
10840S	108	32.92	40' 1"	12.22	71' 0"	21.63	386,235	12,716
10843S	108	32.92</						

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
11443S	114	34.75	42' 9"	13.04	75' 4"	22.97	458,101	15,082
11444S	114	34.75	43' 8"	13.31	76' 3"	23.25	465,823	15,336
11446S	114	34.75	46' 4"	14.12	78' 11"	24.06	488,988	16,098
11448S	114	34.75	48' 1"	14.66	80' 8"	24.59	504,431	16,543
11450S	114	34.75	49' 11"	15.20	82' 6"	25.14	519,874	16,607
11452S	114	34.75	51' 8"	15.75	84' 3"	25.69	535,318	17,624
11454S	114	34.75	53' 5"	16.29	86' 1"	26.23	550,761	18,132
11457S	114	34.75	57' 0"	17.37	89' 7"	27.31	581,648	19,149
11461S	114	34.75	60' 7"	18.45	93' 2"	28.40	612,256	20,420
11464S	114	34.75	64' 1"	19.54	96' 8"	29.47	643,421	21,183
11468S	114	34.75	67' 8"	20.62	100' 3"	30.56	674,308	22,199
11471S	114	34.75	71' 3"	21.71	103' 10"	31.65	705,194	23,216
11475S	114	34.75	74' 9"	22.79	107' 4"	32.72	736,081	24,233
11478S	114	34.75	78' 4"	23.87	110' 11"	33.81	766,968	25,250
11481S	114	34.75	81' 11"	24.96	114' 6"	34.91	797,854	26,265
11485S	114	34.75	85' 5"	26.04	118' 0"	35.97	828,741	27,284
11732S	117	35.66	32' 1"	9.78	65' 7"	19.98	387,348	12,752
11736S	117	35.66	35' 8"	10.87	69' 2"	21.07	419,881	13,823
11739S	117	35.66	39' 3"	11.95	72' 8"	22.15	452,415	14,894
11740S	117	35.66	40' 1"	12.22	73' 7"	22.42	460,548	15,162
11743S	117	35.66	42' 9"	13.04	76' 3"	23.24	484,949	15,965
11744S	117	35.66	43' 8"	13.31	77' 2"	23.51	493,082	16,233
11746S	117	35.66	46' 4"	14.12	79' 10"	24.32	517,482	17,036
11748S	117	35.66	48' 1"	14.66	81' 7"	24.85	533,749	17,505
11750S	117	35.66	49' 11"	15.20	83' 4"	25.40	550,016	18,108
11752S	117	35.66	51' 8"	15.75	85' 2"	25.95	566,283	18,643
11754S	117	35.66	53' 5"	16.29	86' 11"	26.49	582,550	19,179
11757S	117	35.66	57' 0"	17.37	90' 6"	27.57	615,083	20,249
11761S	117	35.66	60' 7"	18.45	94' 1"	28.66	647,617	21,588
11764S	117	35.66	64' 1"	19.54	97' 7"	29.73	680,151	22,392
11768S	117	35.66	67' 8"	20.62	101' 2"	30.82	712,684	23,463
11771S	117	35.66	71' 3"	21.71	104' 9"	31.92	745,218	24,534
11775S	117	35.66	74' 9"	22.79	108' 3"	32.98	777,751	25,605
11778S	117	35.66	78' 4"	23.87	111' 10"	34.07	810,285	26,676
11781S	117	35.66	81' 11"	24.96	115' 5"	35.17	842,819	27,747
11785S	117	35.66	85' 5"	26.04	118' 11"	36.23	875,352	28,818
12021S	120	36.58	21' 5"	6.53	55' 9"	16.99	310,214	10,118
12025S	120	36.58	25' 0"	7.62	59' 4"	18.08	344,757	11,245
12029S	120	36.58	28' 7"	8.70	62' 11"	19.18	379,300	12,372
12032S	120	36.58	32' 1"	9.78	66' 4"	20.22	413,844	13,498
12036S	120	36.58	35' 8"	10.87	70' 0"	21.34	448,387	14,625
12039S	120	36.58	39' 3"	11.95	73' 7"	22.42	482,930	15,752
12043S	120	36.58	42' 9"	13.04	77' 1"	23.50	517,473	16,878
12046S	120	36.58	46' 4"	14.12	80' 8"	24.58	552,017	18,005
12050S	120	36.58	49' 11"	15.20	84' 3"	25.67	586,560	19,132
12054S	120	36.58	53' 5"	16.29	87' 9"	26.75	621,103	20,258
12057S	120	36.58	57' 0"	17.37	91' 4"	27.84	655,647	21,385
12061S	120	36.58	60' 7"	18.45	94' 11"	28.93	690,190	22,794
12064S	120	36.58	64' 1"	19.54	98' 5"	30.00	724,733	23,639
12068S	120	36.58	67' 8"	20.62	102' 0"	31.09	759,276	24,765
12071S	120	36.58	71' 3"	21.71	105' 7"	32.18	793,820	25,892
12075S	120	36.58	74' 9"	22.79	109' 1"	33.25	828,363	27,020
12078S	120	36.58	78' 4"	23.87	112' 8"	34.34	862,906	28,145
12081S	120	36.58	81' 11"	24.96	116' 3"	35.43	897,449	29,272
12085S	120	36.58	85' 5"	26.04	119' 9"	36.50	931,993	30,399
12321S	123	37.49	21' 5"	6.53	56' 7"	17.25	328,618	10,719
12325S	123	37.49	25' 0"	7.62	60' 2"	18.35	364,910	11,902
12329S	123	37.49	28' 7"	8.70	63' 9"	19.44	401,202	13,086
12332S	123	37.49	32' 1"	9.78	67' 3"	20.50	437,494	14,270
12336S	123	37.49	35' 8"	10.87	70' 10"	21.60	473,786	15,453
12339S	123	37.49	39' 3"	11.95	74' 5"	22.68	510,078	16,637
12343S	123	37.49	42' 9"	13.04	78' 0"	23.76	546,370	17,821
12346S	123	37.49	46' 4"	14.12	81' 6"	24.85	582,662	19,005
12350S	123	37.49	49' 11"	15.20	85' 1"	25.93	618,954	20,188
12354S	123	37.49	53' 5"	16.29	88' 7"	27.01	655,246	21,372
12357S	123	37.49	57' 0"	17.37	92' 2"	28.10	691,538	22,556
12361S	123	37.49	60' 7"	18.45	95' 9"	29.19	727,830	24,035
12364S	123	37.49	64' 1"	19.54	99' 3"	30.26	764,122	24,923
12368S	123	37.49	67' 8"	20.62	102' 11"	31.35	800,414	26,107
12371S	123	37.49	71' 3"	21.71	106' 5"	32.44	836,706	27,291
12375S	123	37.49	74' 9"	22.79	109' 11"	33.51	872,998	28,747
12378S	123	37.49	78' 4"	23.87	113' 7"	34.60	909,290	26,658
12381S	123	37.49	81' 11"	24.96	117' 1"	35.69	945,582	30,842
12385S	123	37.49	85' 5"	26.04	120' 7"	36.76	981,874	32,026
12621S	126	38.40	21' 5"	6.53	57' 6"	17.51	347,676	11,340
12625S	126	38.40	25' 0"	7.62	61' 1"	18.61	385,760	12,582
12629S	126	38.40	28' 7"	8.70	64' 8"	19.70	423,844	13,824
12632S	126	38.40	32' 1"	9.78	68' 2"	20.76	461,928	15,067
12636S	126	38.40	35' 8"	10.87	71' 9"	21.86	500,012	16,309
12639S	126	38.40	39' 3"	11.95	75' 3"	22.94	538,096	17,551
12643S	126	38.40	42' 9"	13.04	78' 10"	24.02	576,180	18,793
12646S	126	38.40	46' 4"	14.12	82' 5"	25.11	614,264	20,035
12650S	126	38.40	49' 11"	15.20	85' 11"	26.19	652,348	21,278
12654S	126	38.40	53' 5"	16.29	89' 6"	27.28	690,432	22,520

S=Stiffened
 ES = Stiffened Externally (standard)
 IS = Stiffened Internally (optional - specify at time of order)

Specifications

Bin Model Number	Diameter		Eave Height		Overall Height		Capacity Bushels	Cubic Meters
	Feet	Meters	Feet	Meters	Feet	Meters		
12657S	126	38.40	57' 0"	17.37	93' 1"	28.36	728,515	23,762
12661S	126	38.40	60' 7"	18.45	96' 8"	29.45	766,599	25,315
12664S	126	38.40	64' 1"	19.54	100' 2"	30.52	804,683	26,246
12668S	126	38.40	67' 8"	20.62	103' 9"	31.61	842,767	27,488
12671S	126	38.40	71' 3"	21.71	107' 4"	32.70	880,851	28,731
12675S	126	38.40	74' 9"	22.79	110' 10"	33.77	918,935	29,973
12678S	126	38.40	78' 4"	23.87	114' 5"	34.86	957,019	31,215
12681S	126	38.40	81' 11"	24.96	118' 0"	35.95	995,103	32,457
12685S	126	38.40	85' 5"	26.04	121' 6"	37.02	1,033,187	33,699
12921S	129	39.32	21' 5"	6.53	58' 4"	17.78	367,398	11,983
12925S	129	39.32	25' 0"	7.62	61' 11"	18.87	407,317	13,285
12929S	129	39.32	28' 7"	8.70	65' 6"	19.96	447,236	14,587
12932S	129	39.32	32' 1"	9.78	69' 0"	21.03	487,155	15,890
12936S	129	39.32	35' 8"	10.87	72' 7"	22.12	527,074	17,192
12939S	129	39.32	39' 3"	11.95	76' 2"	23.20	566,993	18,494
12943S	129	39.32	42' 9"	13.04	79' 8"	24.29	606,912	19,796
12946S	129	39.32	46' 4"	14.12	83' 3"	25.37	646,831	21,098
12950S	129	39.32	49' 11"	15.20	86' 10"	26.45	686,751	22,400
12954S	129	39.32	53' 5"	16.29	90' 4"	27.54	726,670	23,702
12957S	129	39.32	57' 0"	17.37	93' 11"	28.63	766,589	25,004
12961S	129	39.32	60' 7"	18.45	97' 6"	29.72	806,508	26,311
12964S	129	39.32	64' 1"	19.54	101' 0"	30.78	846,427	27,608
12968S	129	39.32	67' 8"	20.62	104' 7"	31.88	886,346	28,910
12971S	129	39.32	71' 3"	21.71	108' 2"	32.97	926,265	30,212
12975S	129	39.32	74' 9"	22.79	111' 8"	34.04	966,184	31,514
12978S	129	39.32	78' 4"	23.87	115' 3"	35.13	1,006,103	32,816
12981S	129	39.32	81' 11"	24.96	118' 10"	36.22	1,046,022	34,118
12985S	129	39.32	85' 5"	26.04	122' 4"	37.29	1,085,941	35,420
13221S	132	40.23	21' 5"	6.53	59' 2"	18.04	387,794	12,649
13225S	132	40.23	25' 0"	7.62	62' 9"	19.13	429,591	14,012
13229S	132	40.23	28' 7"	8.70	66' 4"	20.22	471,388	15,375
13232S	132	40.23	32' 1"	9.78	69' 10"	21.29	513,186	16,739
13236S	132	40.23	35' 8"	10.87	73' 5"	22.38	554,983	18,102
13239S	132	40.23	39' 3"	11.95	77' 0"	23.47	596,781	19,645
13243S	132	40.23	42' 9"	13.04	80' 7"	24.55	638,578	20,828
13246S	132	40.23	46' 4"	14.12	84' 1"	25.63	680,375	22,192
13250S	132	40.23	49' 11"	15.20	87' 8"	26.72	722,173	23,555
13254S	132	40.23	53					



SCAFCO
Grain Systems Co.

5400 E. Broadway Avenue
PO Box 11215
Spokane, Washington 99211 USA

Phone: +1-509-535-1571
E-mail: info@SCAFCOgrain.com
www.SCAFCOgrain.com