



SCAFCO GRAIN SYSTEMS COMPANY



Price List

April 15, 2003

Grain Bins/Silos

Hopper Bottom Bins/Silos

Bin/Silo Accessories

Grain Handling Equipment

Aeration Fans

Grain Aeration & Drying Equipment



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5 YEAR SCAFCO BIN/SILO WARRANTY

WARRANTY

The manufacturer warrants each new SCAFCO Grain Bin/Silo manufactured by it to be free from defects in material or workmanship **FOR FIVE YEARS** from the date of initial installation by the original purchaser. If such a defect is found by the manufacturer to exist within the five year period, the manufacturer will, at its option, (a) repair or replace such product free of charge, F.O.B. the factory of manufacture, or (b) refund to the original purchaser the original purchase price, in lieu of such repair or replacement. This Warranty includes SCAFCO manufactured equipment only and does not extend to other suppliers' equipment.

CONDITIONS AND LIMITATIONS

1. The product must be installed and operated in accordance with instructions published by the manufacturer or warranty will be void.
2. Warranty is void if all structural components of the system are not original equipment supplied by the manufacturer.
3. Grain bins/silos and augers are designed for grains and/or free flowing materials and are not warranted for other distribution or substances. Other use will void warranty.
4. **BIN/SILO LOADING/UNLOADING WARNING:** All grain bins/silos, and hopper bottom bins/silos are designed to be filled and unloaded from the center of the bin/silo. Any other method of filling or unloading can result in structural damage to the bin/silo. Any off-center discharge openings should be used for the sole purpose of bin/silo clean-out after the center discharge has emptied the bin/silo to the grains' natural angle of repose. Failure to limit the usage of any off-center discharge opening could result in non-warranted structural damage to the bin/silo.
5. **ROOF DAMAGE WARNING:** All grain bins/silos have been designed to be filled to within 1" (25 mm) of the top of the top ring at the grains' natural angle of repose. Filling beyond the top ring, so as to apply grain pressure to the underside of the roof or blockage of roof vents, may result in non-warranted structural damage to the roof. Roof damages due to excessive vacuum or internal pressure, caused by fans or other air moving systems, are not warranted. Adequate roof vents must be provided for all air handling and aeration systems. Roof vents must not be blocked by grain or freezing over due to operation during humid/cold weather conditions.
6. This product must be purchased from and installed by an authorized dealer or Certified Representative thereof or the warranty will be void.
7. Malfunctions, damage or failure resulting from misuse, abuse, negligence, alteration, accident, misapplication of specifications or lack of proper maintenance shall not be considered defects under this warranty.
8. Standard grain bin/silo design is for seismic zone 2B conditions, 90 mph wind speed and 25 psf roof live load. Any other loading condition must be requested (at extra cost) prior to order.

The manufacturer shall not be liable for any consequential or special damage which any purchaser may suffer or claim to suffer as a result of any defect in the product. "Consequential" or "Special Damages" as used herein include but are not limited to lost or damaged products or goods, costs of transportation, lost sales, lost orders, lost income, increased overhead, labor, and incidental costs and operational inefficiencies.

THIS WARRANTY CONSTITUTES THE MANUFACTURER'S ENTIRE AND SOLE WARRANTY AND THE MANUFACTURER EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS AND IMPLIED WARRANTIES AS TO MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSES SOLD, AND DESCRIPTION OR QUALITY OF THE PRODUCT FURNISHED HEREUNDER.

Any exceptions to this warranty must be authorized in writing by an officer of the manufacturing company. The manufacturer reserves the right to change models and specifications at any time without notice or obligation to improve previous models.

WARNING: Galvanized materials are subject to unsightly "white rust" if moisture is allowed to penetrate the wall sheet bundle. To avoid this condition, separate wall sheets so that air can dry the wall sheets.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
1202WI	773	25.9	916	21	12	3.66	7' 3"	2.20	10' 9"	3.29	1,129	513
1203WIR	1,109	37.2	1,314	30	12	3.66	10' 9"	3.28	14' 4"	4.37	1,343	610
1204WIR	1,445	48.5	1,712	39	12	3.66	14' 4"	4.37	17' 11"	5.45	1,673	759
1205WIR	1,781	59.7	2,110	48	12	3.66	17' 11"	5.45	21' 5"	6.54	2,064	937
1206WIR	2,117	71.0	2,508	58	12	3.66	21' 5"	6.53	25' 0"	7.62	2,484	1,127
1207WIR	2,453	82.3	2,906	67	12	3.66	25' 0"	7.62	28' 7"	8.71	2,930	1,329
1208WIR	2,788	93.5	3,304	76	12	3.66	28' 7"	8.70	32' 1"	9.79	3,478	1,578
1209WIR	3,124	104.8	3,701	85	12	3.66	32' 1"	9.78	35' 8"	10.87	4,412	2,002
1210WIR	3,460	116.0	4,099	94	12	3.66	35' 8"	10.87	39' 8"	11.97	5,148	2,335
1502WI	1,247	41.9	1,478	34	15	4.57	7' 3"	2.20	11' 8"	3.55	1,381	627
1503WIR	1,772	59.5	2,100	48	15	4.57	10' 9"	3.28	15' 2"	4.63	1,651	749
1504WIR	2,297	77.1	2,721	63	15	4.57	14' 4"	4.37	18' 9"	5.72	2,131	967
1505WIR	2,822	94.7	3,343	77	15	4.57	17' 11"	5.45	22' 4"	6.80	2,486	1,128
1506WIR	3,346	112.3	3,965	91	15	4.57	21' 5"	6.53	25' 10"	7.88	3,040	1,379
1507WIR	3,871	129.9	4,586	105	15	4.57	25' 0"	7.62	29' 5"	8.97	3,652	1,657
1508WIR	4,396	147.5	5,208	120	15	4.57	28' 7"	8.70	33' 0"	10.05	4,553	2,066
1509WIR	4,921	165.1	5,830	134	15	4.57	32' 1"	9.78	36' 6"	11.14	5,436	2,466
1510WIR	5,445	182.7	6,452	148	15	4.57	35' 8"	10.87	40' 1"	12.22	6,362	2,886
1532S	4,921	165.1	5,830	134	15	4.57	32' 1"	9.78	36' 6"	11.14	4,840	2,196
1536S	5,445	182.7	6,452	148	15	4.57	35' 8"	10.87	40' 1"	12.22	5,480	2,486
1540S	6,101	204.7	7,229	166	15	4.57	40' 1"	12.22	44' 6"	13.57	6,185	2,806
1544S	6,626	222.3	7,850	180	15	4.57	43' 8"	13.31	48' 1"	14.66	6,808	3,089
1548S	7,249	243.2	8,589	197	15	4.57	47' 11"	14.59	52' 4"	15.95	7,574	3,436
1552S	7,774	260.8	9,210	212	15	4.57	51' 5"	15.68	55' 10"	17.03	8,275	3,754
1557S	8,594	288.3	10,182	234	15	4.57	57' 0"	17.37	61' 5"	18.72	9,811	4,451
1561S	9,119	305.9	10,803	248	15	4.57	60' 7"	18.45	65' 0"	19.81	10,821	4,909
1564S	9,643	323.5	11,425	262	15	4.57	64' 1"	19.54	68' 6"	20.89	11,870	5,385
1803WIR	2,608	87.5	3,090	71	18	5.49	10' 9"	3.28	16' 1"	4.90	1,896	860
1804WIR	3,364	112.9	3,985	92	18	5.49	14' 4"	4.37	19' 7"	5.98	2,463	1,118
1805WIR	4,119	138.2	4,881	112	18	5.49	17' 11"	5.45	23' 2"	7.06	3,012	1,367
1806WIR	4,875	163.6	5,776	133	18	5.49	21' 5"	6.53	26' 9"	8.15	3,737	1,695
1807WIR	5,631	188.9	6,671	153	18	5.49	25' 0"	7.62	30' 3"	9.23	4,428	2,009
1808WIR	6,386	214.3	7,566	174	18	5.49	28' 7"	8.70	33' 10"	10.32	5,550	2,518
1809WIR	7,142	239.6	8,462	194	18	5.49	32' 1"	9.78	37' 5"	11.40	7,097	3,220
1810WIR	7,898	265.0	9,357	215	18	5.49	35' 8"	10.87	40' 11"	12.48	8,188	3,714
1832S	7,142	239.6	8,462	194	18	5.49	32' 1"	9.78	37' 5"	11.40	5,682	2,578
1836S	7,898	265.0	9,357	215	18	5.49	35' 8"	10.87	40' 11"	12.48	6,480	2,940
1840S	8,842	296.6	10,476	241	18	5.49	40' 1"	12.22	45' 5"	13.84	7,325	3,323
1844S	9,598	322.0	11,371	261	18	5.49	43' 8"	13.31	48' 11"	14.92	8,302	3,766
1848S	10,495	352.1	12,434	286	18	5.49	47' 11"	14.59	53' 2"	16.21	9,090	4,124
1852S	11,251	377.4	13,329	306	18	5.49	51' 5"	15.68	56' 9"	17.29	10,330	4,686
1857S	12,431	417.1	14,728	338	18	5.49	57' 0"	17.37	62' 3"	18.98	11,784	5,346
1861S	13,187	442.4	15,624	359	18	5.49	60' 7"	18.45	65' 10"	20.07	12,971	5,884
1864S	13,943	467.8	16,519	379	18	5.49	64' 1"	19.54	69' 5"	21.15	14,161	6,424
1868S	14,698	493.1	17,414	400	18	5.49	67' 8"	20.62	72' 11"	22.24	15,281	6,932
1871S	15,454	518.5	18,309	421	18	5.49	71' 3"	21.71	76' 6"	23.32	16,296	7,392
1875S	16,210	543.8	19,204	441	18	5.49	74' 9"	22.79	80' 1"	24.40	17,777	8,064
1878S	16,965	569.2	20,100	462	18	5.49	78' 4"	23.87	83' 7"	25.49	18,797	8,527
1881S	17,721	594.5	20,995	482	18	5.49	81' 11"	24.92	87' 2"	26.57	20,698	9,389
2104WIR	4,655	156.2	5,515	127	21	6.40	14' 4"	4.37	20' 6"	6.24	3,093	1,403

WI = Walk-in Door (in lowest position in bottom & 2nd ring)
WIR = Raised Walk-in Door (Door in Bottom & 2nd Ring)
ES = Stiffened Externally (Standard)
IS = Stiffened Internally (Optional-Specify @ time of order)

Prices and specifications subject to change without notice.
Effective Date April 15, 2003

Grain Storage Bins/Silos Sizes and Capacities



MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
2105WIR	5,684	190.7	6,734	155	21	6.40	17' 11"	5.45	24' 0"	7.33	3,743	1,698
2106WIR	6,712	225.2	7,952	183	21	6.40	21' 5"	6.53	27' 7"	8.41	4,444	2,016
2107WIR	7,741	259.7	9,171	211	21	6.40	25' 0"	7.62	31' 2"	9.49	5,542	2,514
2108WIR	8,769	294.2	10,389	239	21	6.40	28' 7"	8.70	34' 8"	10.58	6,693	3,036
2109WIR	9,798	328.7	11,608	267	21	6.40	32' 1"	9.78	38' 3"	11.66	8,233	3,735
2110WIR	10,826	363.2	12,826	295	21	6.40	35' 8"	10.87	41' 10"	12.75	9,824	4,456
2132S	9,798	328.7	11,608	267	21	6.40	32' 1"	9.78	38' 3"	11.66	6,817	3,092
2136S	10,826	363.2	12,826	295	21	6.40	35' 8"	10.87	41' 10"	12.75	7,635	3,464
2140S	12,112	406.3	14,349	330	21	6.40	40' 1"	12.22	46' 3"	14.10	8,895	4,035
2144S	13,140	440.8	15,568	358	21	6.40	43' 8"	13.31	49' 10"	15.18	9,963	4,520
2148S	14,361	481.8	17,015	391	21	6.40	47' 11"	14.59	54' 0"	16.47	11,442	5,190
2152S	15,390	516.3	18,233	419	21	6.40	51' 5"	15.68	57' 7"	17.55	12,477	5,660
2157S	16,997	570.2	20,137	463	21	6.40	57' 0"	17.37	63' 2"	19.25	13,884	6,298
2161S	18,026	604.7	21,356	491	21	6.40	60' 7"	18.45	66' 8"	20.33	15,252	6,919
2164S	19,054	639.2	22,574	519	21	6.40	64' 1"	19.54	70' 3"	21.41	16,412	7,445
2168S	20,083	673.7	23,793	547	21	6.40	67' 8"	20.62	73' 10"	22.50	16,867	7,651
2171S	21,111	708.2	25,012	575	21	6.40	71' 3"	21.71	77' 4"	23.58	18,897	8,572
2175S	22,140	742.8	26,230	603	21	6.40	74' 9"	22.79	80' 11"	24.67	20,616	9,352
2178S	23,168	777.3	27,449	631	21	6.40	78' 4"	23.87	84' 6"	25.75	21,810	9,893
2181S	24,197	811.8	28,667	659	21	6.40	81' 11"	24.96	88' 0"	26.83	24,173	10,965
2404WIR	6,209	207.3	7,322	169	24	7.32	14' 4"	4.37	21' 4"	6.51	3,542	1,607
2405WIR	7,559	252.4	8,913	206	24	7.32	17' 11"	5.45	24' 11"	7.59	4,290	1,946
2406WIR	8,909	297.5	10,505	242	24	7.32	21' 5"	6.53	28' 5"	8.67	5,543	2,515
2407WIR	10,259	342.5	12,096	279	24	7.32	25' 0"	7.62	32' 0"	9.76	6,303	2,859
2408WIR	11,608	387.6	13,688	316	24	7.32	28' 7"	8.70	35' 7"	10.84	7,910	3,588
2409WIR	12,958	432.7	15,279	353	24	7.32	32' 1"	9.78	39' 1"	11.92	9,536	4,325
2410WIR	14,308	477.7	16,871	389	24	7.32	35' 8"	10.87	42' 8"	13.01	11,342	5,145
2432S	12,958	432.7	15,279	353	24	7.32	32' 1"	9.78	39' 1"	11.92	8,141	3,693
2436S	14,308	477.7	16,871	389	24	7.32	35' 8"	10.87	42' 8"	13.01	9,318	4,227
2440S	15,995	534.1	18,860	435	24	7.32	40' 1"	12.22	47' 1"	14.36	10,610	4,813
2444S	17,345	579.1	20,452	472	24	7.32	43' 8"	13.31	50' 8"	15.45	11,422	5,181
2448S	18,948	632.7	22,342	516	24	7.32	47' 11"	14.59	54' 11"	16.73	13,338	6,050
2452S	20,297	677.7	23,934	552	24	7.32	51' 5"	15.68	58' 5"	17.82	15,289	6,935
2457S	22,406	748.1	26,420	610	24	7.32	57' 0"	17.37	64' 0"	19.51	18,316	8,309
2461S	23,756	793.2	28,012	647	24	7.32	60' 7"	18.45	67' 7"	20.59	19,670	8,923
2464S	25,106	838.3	29,603	683	24	7.32	64' 1"	19.54	71' 1"	21.68	21,570	9,784
2468S	26,456	883.3	31,195	720	24	7.32	67' 8"	20.62	74' 8"	22.76	23,466	10,645
2471S	27,805	928.4	32,787	757	24	7.32	71' 3"	21.71	78' 3"	23.84	24,480	11,104
2475S	29,155	973.5	34,378	793	24	7.32	74' 9"	22.79	81' 9"	24.93	26,504	12,023
2478S	30,505	1,018.5	35,970	830	24	7.32	78' 4"	23.87	85' 4"	26.01	28,040	12,719
2481S	31,855	1,063.6	37,561	867	24	7.32	81' 11"	24.96	88' 11"	27.10	30,875	14,005
2705WIR	9,740	323.7	11,431	265	27	8.23	17' 11"	5.45	25' 2"	7.68	5,172	2,346
2706WIR	11,456	380.7	13,445	312	27	8.23	21' 5"	6.53	28' 9"	8.76	6,575	2,983
2707WIR	13,173	437.8	15,459	359	27	8.23	25' 0"	7.62	32' 4"	9.84	7,527	3,415
2708WIR	14,889	494.8	17,474	405	27	8.23	28' 7"	8.70	35' 10"	10.93	9,531	4,324
2709WIR	16,605	551.8	19,488	452	27	8.23	32' 1"	9.78	39' 5"	12.01	11,364	5,155
2710WIR	18,322	608.9	21,502	499	27	8.23	35' 8"	10.87	43' 0"	13.10	13,794	6,257
2732S	16,605	551.8	19,488	452	27	8.23	32' 1"	9.78	39' 5"	12.01	9,501	4,310
2736S	18,322	608.9	21,502	499	27	8.23	35' 8"	10.87	43' 0"	13.10	10,475	4,752
2740S	20,467	680.2	24,020	557	27	8.23	40' 1"	12.22	47' 5"	14.45	12,350	5,602

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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WI = Walk-in Door (in lowest position in bottom & 2nd ring)

WIR = Raised Walk-in Door (Door in Bottom & 2nd Ring)

ES = Stiffened Externally (Standard)

IS = Stiffened Internally (Optional-Specify @ time of order)

MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
2744S	22,184	737.2	26,034	604	27	8.23	43' 8"	13.31	51' 0"	15.53	13,504	6,126
2748S	24,222	804.9	28,426	659	27	8.23	47' 11"	14.59	55' 2"	16.82	15,678	7,112
2752S	25,938	862.0	30,441	706	27	8.23	51' 5"	15.68	58' 9"	17.90	16,950	7,689
2757S	28,620	951.1	33,588	779	27	8.23	57' 0"	17.37	64' 4"	19.60	22,493	10,203
2761S	30,336	1,008.1	35,602	826	27	8.23	60' 7"	18.45	67' 10"	20.68	22,807	10,346
2764S	32,053	1,065.2	37,617	872	27	8.23	64' 1"	19.54	71' 5"	21.77	24,330	11,036
2768S	33,769	1,122.2	39,631	919	27	8.23	67' 8"	20.62	75' 0"	22.85	26,092	11,836
2771S	35,486	1,179.3	41,645	966	27	8.23	71' 3"	21.71	78' 6"	23.93	27,833	12,625
2775S	37,202	1,236.3	43,660	1,012	27	8.23	74' 9"	22.79	82' 1"	25.02	30,704	13,928
2778S	38,918	1,293.3	45,674	1,059	27	8.23	78' 4"	23.87	85' 8"	26.10	31,636	14,350
2781S	40,635	1,350.4	47,688	1,106	27	8.23	81' 11"	24.96	89' 2"	27.18	36,027	16,342
3005WIR	12,240	404.8	14,297	333	30	9.14	17' 11"	5.45	26' 1"	7.94	6,334	2,873
3006WIR	14,369	475.3	16,784	391	30	9.14	21' 5"	6.53	29' 7"	9.02	7,721	3,503
3007WIR	16,498	545.7	19,271	449	30	9.14	25' 0"	7.62	33' 2"	10.11	9,397	4,263
3008WIR	18,627	616.1	21,757	507	30	9.14	28' 7"	8.70	36' 9"	11.19	11,481	5,208
3009WIR	20,756	686.5	24,244	565	30	9.14	32' 1"	9.78	40' 3"	12.27	13,333	6,048
3010WIR	22,885	756.9	26,731	623	30	9.14	35' 8"	10.87	43' 10"	13.36	15,633	7,091
3032S	20,756	686.5	24,244	565	30	9.14	32' 1"	9.78	40' 3"	12.27	11,362	5,154
3036S	22,885	756.9	26,731	623	30	9.14	35' 8"	10.87	43' 10"	13.36	12,303	5,581
3040S	25,546	845.0	29,839	695	30	9.14	40' 1"	12.22	48' 3"	14.71	14,688	6,663
3044S	27,675	915.4	32,326	753	30	9.14	43' 8"	13.31	51' 10"	15.80	16,055	7,283
3048S	30,203	999.0	35,279	822	30	9.14	47' 11"	14.59	56' 1"	17.08	18,158	8,237
3052S	32,332	1,069.4	37,766	880	30	9.14	51' 5"	15.68	59' 7"	18.17	19,874	9,015
3057S	35,658	1,179.4	41,652	970	30	9.14	57' 0"	17.37	65' 2"	19.86	23,618	10,713
3061S	37,787	1,249.9	44,138	1,028	30	9.14	60' 7"	18.45	68' 9"	20.94	25,929	11,762
3064S	39,916	1,320.3	46,625	1,086	30	9.14	64' 1"	19.54	72' 3"	22.03	28,236	12,808
3068S	42,045	1,390.7	49,112	1,144	30	9.14	67' 8"	20.62	75' 10"	23.11	29,966	13,593
3071S	44,174	1,461.1	51,599	1,202	30	9.14	71' 3"	21.71	79' 5"	24.20	32,188	14,601
3075S	46,303	1,531.5	54,086	1,260	30	9.14	74' 9"	22.79	82' 11"	25.28	34,927	15,843
3078S	48,432	1,602.0	56,572	1,318	30	9.14	78' 4"	23.87	86' 6"	26.36	36,770	16,679
3081S	50,561	1,672.4	59,059	1,376	30	9.14	81' 11"	24.96	90' 1"	27.45	41,349	18,756
3305WIR	15,002	496.2	17,523	408	33	10.06	17' 11"	5.45	26' 11"	8.20	6,838	3,102
3306WIR	17,578	581.4	20,532	478	33	10.06	21' 5"	6.53	30' 6"	9.29	8,695	3,944
3307WIR	20,154	666.6	23,541	549	33	10.06	25' 0"	7.62	34' 0"	10.37	10,616	4,816
3308WIR	22,730	751.8	26,550	619	33	10.06	28' 7"	8.70	37' 7"	11.45	12,640	5,734
3309WIR	25,306	837.0	29,559	689	33	10.06	32' 1"	9.78	41' 2"	12.54	14,873	6,747
3310WIR	27,882	922.2	32,568	759	33	10.06	35' 8"	10.87	44' 8"	13.62	17,411	7,898
3332S	25,306	837.0	29,559	689	33	10.06	32' 1"	9.78	41' 2"	12.54	14,131	6,410
3336S	27,882	922.2	32,568	759	33	10.06	35' 8"	10.87	44' 8"	13.62	14,655	6,648
3340S	31,102	1,028.7	36,329	846	33	10.06	40' 1"	12.22	49' 2"	14.98	17,838	8,092
3344S	33,678	1,113.9	39,339	917	33	10.06	43' 8"	13.31	52' 8"	16.06	18,905	8,576
3348S	36,737	1,215.1	42,912	1,000	33	10.06	47' 11"	14.59	56' 11"	17.35	22,371	10,148
3352S	39,313	1,300.3	45,921	1,070	33	10.06	51' 5"	15.68	60' 6"	18.43	24,508	11,117
3357S	43,338	1,433.5	50,622	1,179	33	10.06	57' 0"	17.37	66' 0"	20.12	27,556	12,500
3361S	45,914	1,518.7	53,631	1,250	33	10.06	60' 7"	18.45	69' 7"	21.21	29,769	13,504
3364S	48,490	1,603.9	56,640	1,320	33	10.06	64' 1"	19.54	73' 2"	22.29	31,987	14,510
3368S	51,066	1,689.1	59,649	1,390	33	10.06	67' 8"	20.62	76' 8"	23.37	34,210	15,518
3371S	53,642	1,774.3	62,658	1,460	33	10.06	71' 3"	21.71	80' 3"	24.46	37,349	16,942
3375S	56,219	1,859.5	65,667	1,530	33	10.06	74' 9"	22.79	83' 10"	25.54	39,337	17,844
3378S	58,795	1,944.7	68,676	1,600	33	10.06	78' 4"	23.87	87' 4"	26.63	41,885	18,999

Grain Storage Bins/Silos Sizes and Capacities



MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
3381S	61,371	2,029.9	71,686	1,670	33	10.06	81' 11"	24.96	90' 11"	27.71	44,630	20,244
3385S	63,947	2,115.1	74,695	1,740	33	10.06	85' 5"	26.04	94' 6"	28.79	50,665	22,982
3605WIR	18,166	598.1	21,120	494	36	10.97	17' 11"	5.45	27' 9"	8.46	7,807	3,542
3606WIR	21,246	699.5	24,701	578	36	10.97	21' 5"	6.53	31' 4"	9.55	9,791	4,442
3607WIR	24,326	800.9	28,282	662	36	10.97	25' 0"	7.62	34' 11"	10.63	11,877	5,388
3608WIR	27,406	902.3	31,863	746	36	10.97	28' 7"	8.70	38' 5"	11.72	14,083	6,388
3609WIR	30,487	1,003.7	35,444	830	36	10.97	32' 1"	9.78	42' 0"	12.80	16,570	7,516
3610WIR	33,567	1,105.1	39,025	914	36	10.97	35' 8"	10.87	45' 7"	13.88	18,977	8,608
3632S	30,487	1,003.7	35,444	830	36	10.97	32' 1"	9.78	42' 0"	12.80	15,054	6,829
3636S	33,567	1,105.1	39,025	914	36	10.97	35' 8"	10.87	45' 7"	13.88	16,657	7,556
3640S	37,417	1,231.8	43,501	1,018	36	10.97	40' 1"	12.22	50' 0"	15.24	18,795	8,526
3644S	40,497	1,333.2	47,082	1,102	36	10.97	43' 8"	13.31	53' 7"	16.32	20,886	9,474
3648S	44,155	1,453.6	51,335	1,202	36	10.97	47' 11"	14.59	57' 9"	17.61	24,309	11,027
3652S	47,235	1,555.0	54,916	1,286	36	10.97	51' 5"	15.68	61' 4"	18.69	26,743	12,131
3657S	52,047	1,713.5	60,511	1,417	36	10.97	57' 0"	17.37	66' 11"	20.39	29,899	13,562
3661S	55,127	1,814.9	64,092	1,500	36	10.97	60' 7"	18.45	70' 5"	21.47	32,575	14,776
3664S	58,208	1,916.3	67,673	1,584	36	10.97	64' 1"	19.54	74' 0"	22.55	35,540	16,121
3668S	61,288	2,017.7	71,254	1,668	36	10.97	67' 8"	20.62	77' 7"	23.64	37,783	17,139
3671S	64,368	2,119.1	74,835	1,752	36	10.97	71' 3"	21.71	81' 1"	24.72	40,983	18,590
3675S	67,448	2,220.5	78,416	1,836	36	10.97	74' 9"	22.79	84' 8"	25.80	43,813	19,874
3678S	70,528	2,321.9	81,997	1,919	36	10.97	78' 4"	23.87	88' 3"	26.89	46,790	21,224
3681S	73,608	2,423.3	85,578	2,003	36	10.97	81' 11"	24.96	91' 9"	27.97	48,644	22,065
3685S	76,688	2,524.8	89,159	2,087	36	10.97	85' 5"	26.04	95' 4"	29.05	58,813	26,677
3905WIR	21,589	710.7	25,100	588	39	11.89	17' 11"	5.45	28' 8"	8.73	9,963	4,520
3906WIR	25,204	829.7	29,302	686	39	11.89	21' 5"	6.53	32' 2"	9.81	11,762	5,336
3907WIR	28,819	948.8	33,505	784	39	11.89	25' 0"	7.62	35' 9"	10.89	14,820	6,723
3908WIR	32,433	1,067.8	37,708	883	39	11.89	28' 7"	8.70	39' 4"	11.98	17,479	7,929
3909WIR	36,048	1,186.8	41,910	981	39	11.89	32' 1"	9.78	42' 10"	13.06	20,601	9,345
3932S	36,048	1,186.8	41,910	981	39	11.89	32' 1"	9.78	42' 10"	13.06	18,485	8,385
3936S	39,663	1,305.8	46,113	1,079	39	11.89	35' 8"	10.87	46' 5"	14.15	20,576	9,334
3940S	44,182	1,454.5	51,366	1,202	39	11.89	40' 1"	12.22	50' 10"	15.50	23,785	10,789
3944S	47,797	1,573.5	55,569	1,301	39	11.89	43' 8"	13.31	54' 5"	16.58	25,701	11,658
3948S	52,089	1,714.9	60,560	1,418	39	11.89	47' 11"	14.59	58' 8"	17.87	29,479	13,372
3952S	55,704	1,833.9	64,762	1,516	39	11.89	51' 5"	15.68	62' 2"	18.95	31,262	14,181
3957S	61,352	2,019.8	71,329	1,670	39	11.89	57' 0"	17.37	67' 9"	20.65	36,330	16,480
3961S	64,967	2,138.8	75,532	1,768	39	11.89	60' 7"	18.45	71' 4"	21.73	38,220	17,337
3964S	68,582	2,257.8	79,734	1,867	39	11.89	64' 1"	19.54	74' 10"	22.82	41,890	19,002
3968S	72,197	2,376.8	83,937	1,965	39	11.89	67' 8"	20.62	78' 5"	23.90	44,459	20,167
3971S	75,812	2,495.8	88,140	2,063	39	11.89	71' 3"	21.71	82' 0"	24.98	48,335	21,925
3975S	79,426	2,614.8	92,343	2,162	39	11.89	74' 9"	22.79	85' 6"	26.07	51,618	23,414
3978S	83,041	2,733.9	96,545	2,260	39	11.89	78' 4"	23.87	89' 1"	27.15	55,803	25,313
3981S	86,656	2,852.9	100,748	2,358	39	11.89	81' 11"	24.96	92' 8"	28.23	59,081	26,799
3985S	90,271	2,972.0	104,951	2,457	39	11.89	85' 5"	26.04	96' 2"	29.32	69,337	31,451
4205WIR	25,350	834.6	29,472	690	42	12.80	17' 11"	5.45	29' 6"	8.99	11,389	5,166
4206WIR	29,542	972.6	34,346	804	42	12.80	21' 5"	6.53	33' 1"	10.07	13,684	6,207
4207WIR	33,735	1,110.6	39,220	918	42	12.80	25' 0"	7.62	36' 7"	11.16	15,981	7,249
4208WIR	37,927	1,248.6	44,094	1,032	42	12.80	28' 7"	8.70	40' 2"	12.24	18,845	8,548
4209WIR	42,119	1,386.6	48,969	1,146	42	12.80	32' 1"	9.78	43' 9"	13.32	22,559	10,233
4232S	42,119	1,386.6	48,969	1,146	42	12.80	32' 1"	9.78	43' 9"	13.32	20,471	9,286
4236S	46,312	1,524.7	53,843	1,260	42	12.80	35' 8"	10.87	47' 3"	14.41	22,428	10,174

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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WI = Walk-in Door (in lowest position in bottom & 2nd ring)

WIR = Raised Walk-in Door (Door in Bottom & 2nd Ring)

ES = Stiffened Externally (Standard)

IS = Stiffened Internally (Optional-Specify @ time of order)

MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
4240S	51,552	1,697.2	59,935	1,403	42	12.80	40' 1"	12.22	51' 9"	15.76	24,548	11,135
4244S	55,744	1,835.2	64,809	1,517	42	12.80	43' 8"	13.31	55' 3"	16.85	28,231	12,806
4248S	60,723	1,999.1	70,597	1,653	42	12.80	47' 11"	14.59	59' 6"	18.13	30,988	14,056
4252S	64,915	2,137.1	75,472	1,767	42	12.80	51' 5"	15.68	63' 1"	19.22	34,688	15,735
4257S	71,466	2,352.8	83,087	1,945	42	12.80	57' 0"	17.37	68' 7"	20.91	39,481	17,909
4261S	75,658	2,490.8	87,962	2,059	42	12.80	60' 7"	18.45	72' 2"	21.99	43,011	19,510
4264S	79,851	2,628.8	92,836	2,173	42	12.80	64' 1"	19.54	75' 9"	23.08	46,672	21,171
4268S	84,043	2,766.8	97,710	2,287	42	12.80	67' 8"	20.62	79' 3"	24.16	51,069	23,165
4271S	88,235	2,904.9	102,584	2,401	42	12.80	71' 3"	21.71	82' 10"	25.25	54,316	24,638
4275S	92,428	3,042.9	107,458	2,515	42	12.80	74' 9"	22.79	86' 5"	26.33	60,933	27,640
4278S	96,620	3,180.9	112,332	2,630	42	12.80	78' 4"	23.87	89' 11"	27.41	62,358	28,286
4281S	100,812	3,318.9	117,206	2,744	42	12.80	81' 11"	24.96	93' 6"	28.50	67,778	30,745
4285S	105,005	3,457.1	122,080	2,858	42	12.80	81' 11"	26.04	97' 1"	29.58	79,860	36,224
4805WIR	33,924	1,116.8	39,441	923	48	14.63	17' 11"	5.45	31' 6"	9.61	17,289	7,843
4806WIR	39,400	1,297.1	45,807	1,072	48	14.63	21' 5"	6.53	35' 1"	10.69	19,925	9,038
4807WIR	44,876	1,477.4	52,174	1,221	48	14.63	25' 0"	7.62	38' 8"	11.78	22,565	10,236
4808WIR	50,352	1,657.7	58,540	1,370	48	14.63	28' 7"	8.70	42' 2"	12.86	26,163	11,868
4809WIR	55,827	1,837.9	64,906	1,519	48	14.63	32' 1"	9.78	45' 9"	13.95	29,837	13,534
4832S	55,827	1,837.9	64,906	1,519	48	14.63	32' 1"	9.78	45' 9"	13.95	26,925	12,214
4836S	61,303	2,018.2	71,272	1,668	48	14.63	35' 8"	10.87	49' 4"	15.03	29,490	13,377
4840S	68,148	2,243.5	79,230	1,855	48	14.63	40' 1"	12.22	53' 9"	16.38	33,741	15,305
4844S	73,624	2,423.8	85,596	2,004	48	14.63	43' 8"	13.31	57' 4"	17.47	37,393	16,962
4848S	80,126	2,637.9	93,156	2,181	48	14.63	47' 11"	14.59	61' 6"	18.76	42,411	19,238
4852S	85,602	2,818.2	99,522	2,330	48	14.63	51' 5"	15.68	65' 1"	19.84	45,305	20,551
4857S	94,158	3,099.8	109,469	2,563	48	14.63	57' 0"	17.37	70' 8"	21.53	52,379	23,760
4861S	99,633	3,280.1	115,836	2,712	48	14.63	60' 7"	18.45	74' 2"	22.62	57,545	26,103
4864S	105,109	3,460.4	122,202	2,861	48	14.63	64' 1"	19.54	77' 9"	23.70	62,288	28,254
4868S	110,585	3,640.6	128,568	3,010	48	14.63	67' 8"	20.62	81' 4"	24.78	66,665	30,240
4871S	116,061	3,820.9	134,934	3,159	48	14.63	71' 3"	21.71	84' 10"	25.87	70,949	32,183
4875S	121,536	4,001.2	141,300	3,308	48	14.63	74' 9"	22.79	88' 5"	26.95	75,957	34,454
4878S	127,012	4,181.4	147,666	3,457	48	14.63	78' 4"	23.87	92' 0"	28.03	80,986	36,736
4881S	132,488	4,361.7	154,033	3,606	48	14.63	81' 11"	24.96	95' 6"	29.12	88,037	39,934
4885S	137,964	4,542.2	160,399	3,755	48	14.63	85' 5"	26.04	99' 1"	30.20	94,484	42,858
5432S	71,688	2,360.1	83,345	1,951	54	16.46	32' 1"	9.78	47' 6"	14.47	30,965	14,046
5436S	78,618	2,588.2	91,402	2,140	54	16.46	35' 8"	10.87	51' 0"	15.56	33,820	15,341
5440S	87,281	2,873.4	101,474	2,375	54	16.46	40' 1"	12.22	55' 6"	16.91	37,200	16,874
5444S	94,211	3,101.6	109,531	2,564	54	16.46	43' 8"	13.31	59' 0"	17.99	40,882	18,544
5448S	102,874	3,386.8	119,603	2,800	54	16.46	48' 1"	14.66	63' 6"	19.35	45,677	20,719
5452S	109,804	3,614.9	127,660	2,988	54	16.46	51' 8"	15.75	67' 0"	20.43	50,351	22,840
5457S	120,199	3,957.2	139,746	3,271	54	16.46	57' 0"	17.37	72' 4"	22.06	62,116	28,176
5461S	127,129	4,185.3	147,803	3,460	54	16.46	60' 7"	18.45	75' 11"	23.14	67,248	30,504
5464S	134,060	4,413.5	155,860	3,649	54	16.46	64' 1"	19.54	79' 6"	24.22	75,203	34,112
5468S	140,990	4,641.6	163,917	3,837	54	16.46	67' 8"	20.62	83' 0"	25.31	80,332	36,439
5471S	147,920	4,869.8	171,975	4,026	54	16.46	71' 3"	21.71	86' 7"	26.39	86,266	39,131
5475S	154,850	5,097.9	180,032	4,214	54	16.46	74' 9"	22.79	90' 2"	27.48	92,503	41,960
5478S	161,781	5,326.1	188,089	4,403	54	16.46	78' 4"	23.87	93' 8"	28.56	99,447	45,110
5481S	168,711	5,554.2	196,146	4,592	54	16.46	81' 11"	24.96	97' 3"	29.64	106,797	48,443
5485S	175,641	5,782.6	204,203	4,780	54	16.46	85' 5"	26.04	100' 10"	30.73	112,049	50,825
6021S	64,108	2,110.5	74,533	1,745	60	18.29	21' 5"	6.53	38' 6"	11.75	27,427	12,441
6025S	72,664	2,392.2	84,480	1,978	60	18.29	25' 0"	7.62	42' 1"	12.83	32,965	14,953

Grain Storage Bins/Silos Sizes and Capacities



MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
6032S	89,776	2,955.6	104,375	2,443	60	18.29	32' 1"	9.78	49' 2"	15.00	37,324	16,930
6036S	98,332	3,237.2	114,322	2,676	60	18.29	35' 8"	10.87	52' 9"	16.08	40,976	18,587
6040S	109,026	3,589.3	126,756	2,967	60	18.29	40' 1"	12.22	57' 2"	17.43	45,192	20,449
6044S	117,582	3,871.0	136,703	3,200	60	18.29	43' 8"	13.31	60' 9"	18.52	51,448	23,337
6048S	128,277	4,223.1	149,137	3,491	60	18.29	48' 1"	14.66	65' 2"	19.87	56,380	25,574
6052S	136,833	4,504.8	159,084	3,724	60	18.29	51' 8"	15.75	68' 9"	20.96	62,047	28,145
6057S	149,667	4,927.3	174,005	4,073	60	18.29	57' 0"	17.37	74' 1"	22.58	69,787	31,656
6061S	158,223	5,209.0	183,952	4,306	60	18.29	60' 7"	18.45	77' 8"	23.67	84,110	38,153
6064S	166,779	5,490.6	193,900	4,539	60	18.29	64' 1"	19.54	81' 2"	24.75	91,588	41,545
6068S	175,334	5,772.3	203,847	4,772	60	18.29	67' 8"	20.62	84' 9"	25.83	100,411	45,547
6071S	183,890	6,054.0	213,794	5,005	60	18.29	71' 3"	21.71	88' 4"	26.92	105,610	47,905
6075S	192,446	6,335.6	223,741	5,238	60	18.29	74' 9"	22.79	91' 10"	28.00	113,469	51,470
6078S	201,002	6,617.3	233,688	5,470	60	18.29	78' 4"	23.87	95' 5"	29.09	118,800	53,888
6081S	209,558	6,899.0	243,635	5,703	60	18.29	81' 11"	24.96	99' 0"	30.17	130,273	59,092
6085S	218,114	7,180.9	253,583	5,936	60	18.29	85' 5"	26.04	102' 7"	31.25	133,319	60,473
66' (20.13M) Available Upon Request												
7232S	132,943	4,376.7	154,561	3,618	72	21.95	32' 1"	9.78	52' 8"	16.05	51,705	23,454
7236S	145,263	4,782.3	168,885	3,953	72	21.95	35' 8"	10.87	56' 2"	17.13	57,438	26,054
7240S	160,664	5,289.3	186,790	4,373	72	21.95	40' 1"	12.22	60' 8"	18.49	64,842	29,413
7244S	172,984	5,694.9	201,114	4,708	72	21.95	43' 8"	13.31	64' 2"	19.57	71,259	32,323
7248S	188,385	6,201.9	219,019	5,127	72	21.95	48' 1"	14.66	68' 8"	20.92	80,412	36,475
7252S	200,705	6,607.5	233,343	5,462	72	21.95	51' 8"	15.75	72' 2"	22.01	86,783	39,365
7257S	219,186	7,216.0	254,829	5,965	72	21.95	57' 0"	17.37	77' 6"	23.63	97,836	44,379
7261S	231,506	7,621.6	269,153	6,301	72	21.95	60' 7"	18.45	81' 1"	24.72	103,904	47,131
7264S	243,826	8,027.2	283,477	6,636	72	21.95	64' 1"	19.54	84' 8"	25.80	110,596	50,167
7268S	256,147	8,432.8	297,801	6,971	72	21.95	67' 8"	20.62	88' 2"	26.88	120,754	54,774
7271S	268,467	8,838.4	312,125	7,307	72	21.95	71' 3"	21.71	91' 9"	27.97	131,393	59,600
7275S	280,788	9,244.0	326,449	7,642	72	21.95	74' 9"	22.79	95' 4"	29.05	153,862	69,853
7278S	293,108	9,649.6	340,773	7,977	72	21.95	78' 4"	23.87	98' 10"	30.14	164,196	74,545
7281S	305,429	10,055.2	355,097	8,312	72	21.95	81' 11"	24.96	102' 5"	31.22	177,354	80,519
7285S	317,749	10,461.2	369,420	8,648	72	21.95	85' 5"	26.04	105' 0"	32.30	191,663	86,937
7532S	145,246	4,781.7	168,866	3,953	75	22.88	32' 1"	9.78	53' 6"	16.31	54,901	24,903
7536S	158,615	5,221.9	184,408	4,317	75	22.88	35' 8"	10.87	57' 1"	17.39	62,748	28,463
7540S	175,325	5,772.0	203,836	4,772	75	22.88	40' 1"	12.22	61' 6"	18.75	67,997	30,844
7544S	188,694	6,212.1	219,379	5,135	75	22.88	43' 8"	13.31	65' 1"	19.83	77,811	35,295
7548S	205,405	6,762.3	238,807	5,590	75	22.88	48' 1"	14.66	69' 6"	21.19	86,594	39,279
7552S	218,773	7,202.4	254,349	5,954	75	22.88	51' 8"	15.75	73' 1"	22.27	93,747	42,524
7557S	238,826	7,862.5	277,663	6,500	75	22.88	57' 0"	17.37	78' 5"	23.90	103,869	47,115
7561S	252,194	8,302.7	293,206	6,864	75	22.88	60' 7"	18.45	81' 11"	24.98	111,301	50,486
7564S	265,563	8,742.8	308,748	7,228	75	22.88	64' 1"	19.54	85' 6"	26.06	121,282	55,014
7568S	278,932	9,182.9	324,290	7,591	75	22.88	67' 8"	20.62	89' 1"	27.15	128,608	58,337
7571S	292,300	9,623.0	339,833	7,955	75	22.88	71' 3"	21.71	92' 7"	28.23	142,121	64,466
7575S	305,669	10,063.1	355,375	8,319	75	22.88	74' 9"	22.79	96' 2"	29.31	182,822	82,928
7578S	319,037	10,503.2	370,918	8,683	75	22.88	78' 4"	23.87	99' 9"	30.40	196,651	89,201
7581S	332,406	10,943.3	386,460	9,047	75	22.88	81' 11"	24.96	103' 3"	31.48	209,317	94,946
7585S	345,744	11,383.9	402,003	9,411	75	22.88	85' 5"	26.04	106' 10"	32.57	213,787	96,973
7832S	158,174	5,207.3	183,895	4,305	78	23.77	32' 1"	9.78	54' 4"	16.57	65,013	29,490
7836S	172,633	5,683.4	200,706	4,698	78	23.77	35' 8"	10.87	57' 11"	17.66	71,009	32,210
7840S	190,707	6,278.4	221,720	5,190	78	23.77	40' 1"	12.22	62' 4"	19.01	78,158	35,453
7844S	205,167	6,754.4	238,530	5,584	78	23.77	43' 8"	13.31	65' 11"	20.09	86,112	39,061

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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WI = Walk-in Door (in lowest position in bottom & 2nd ring)

WIR = Raised Walk-in Door (Door in Bottom & 2nd Ring)

ES = Stiffened Externally (Standard)

IS = Stiffened Internally (Optional-Specify @ time of order)

MODEL NUMBER	CAPACITY BUSHELS	CAPACITY CUBIC METERS	CAPACITY CUBIC FEET	CAPACITY METRIC TONS WHEAT	DIA. (FEET)	DIA. (METERS)	EAVE HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (FEET)	OVERALL HEIGHT (METERS)	ESTIMATED WEIGHT (lb)	ESTIMATED WEIGHT (kg)
7848S	223,241	7,349.5	259,544	6,076	78	23.77	48' 1"	14.66	70' 4"	21.45	95,724	43,421
7852S	237,700	7,825.5	276,355	6,469	78	23.77	51' 8"	15.75	73' 11"	22.53	103,682	47,030
7857S	259,390	8,539.5	301,571	7,060	78	23.77	57' 0"	17.37	79' 3"	24.16	115,702	52,483
7861S	273,849	9,015.6	318,381	7,453	78	23.77	60' 7"	18.45	82' 10"	25.24	123,385	55,968
7864S	288,308	9,491.6	335,192	7,847	78	23.77	64' 1"	19.54	86' 4"	26.33	133,414	60,517
7868S	302,768	9,967.6	352,003	8,240	78	23.77	67' 8"	20.62	89' 11"	27.41	143,625	65,149
7871S	317,227	10,443.6	368,814	8,634	78	23.77	71' 3"	21.71	93' 6"	28.49	157,109	71,265
7875S	331,687	10,919.7	385,624	9,027	78	23.77	74' 9"	22.79	97' 0"	29.58	169,297	76,793
7878S	346,146	11,395.7	402,435	9,421	78	23.77	78' 4"	23.87	100' 7"	30.66	214,065	97,100
7881S	360,605	11,871.7	419,246	9,814	78	23.77	81' 11"	24.96	104' 2"	31.74	229,228	103,978
7885S	325,065	12,348.2	436,057	10,208	78	23.77	85' 5"	26.04	107' 9"	32.83	234,163	106,216
9032S	216,314	7,121.4	251,490	5,887	90	27.43	32' 1"	9.78	57' 10"	17.62	88,319	40,062
9036S	235,564	7,755.2	273,871	6,411	90	27.43	35' 8"	10.87	61' 4"	18.71	97,027	44,012
9040S	259,628	8,547.4	301,847	7,066	90	27.43	40' 1"	12.22	65' 10"	20.06	109,617	49,723
9044S	278,878	9,181.1	324,229	7,590	90	27.43	43' 8"	13.31	69' 4"	21.14	119,799	54,341
9048S	302,942	9,973.3	352,205	8,245	90	27.43	48' 1"	14.66	73' 10"	22.50	130,442	59,169
9052S	322,192	10,607.1	374,586	8,769	90	27.43	51' 8"	15.75	77' 4"	23.58	143,024	64,876
9057S	351,068	11,557.7	408,158	9,555	90	27.43	57' 0"	17.37	82' 8"	25.21	161,587	73,296
9061S	370,319	12,191.5	430,539	10,079	90	27.43	60' 7"	18.45	86' 3"	26.29	174,607	79,202
9064S	389,570	12,825.3	452,920	10,602	90	27.43	64' 1"	19.54	89' 10"	27.38	188,021	85,287
9068S	408,820	13,459.0	475,301	11,126	90	27.43	67' 8"	20.62	93' 4"	28.46	204,625	92,818
9071S	428,071	14,092.8	497,683	11,650	90	27.43	71' 3"	21.71	96' 11"	29.54	217,580	98,625
9075S	447,322	14,726.6	520,064	12,174	90	27.43	74' 9"	22.79	100' 6"	30.63	235,917	107,012
9078S	466,572	15,360.3	542,445	12,698	90	27.43	78' 4"	23.87	104' 0"	31.71	248,519	112,729
9081S	485,823	15,994.1	564,826	13,222	90	27.43	81' 11"	24.96	107' 7"	32.79	265,985	120,651
9085S	505,074	16,628.5	587,207	13,746	90	27.43	85' 5"	26.04	111' 2"	33.88	302,771	137,336
10532S	304,171	10,013.8	353,634	8,278	105	32.00	32' 1"	9.78	62' 1"	18.94	120,859	54,822
10536S	330,373	10,876.4	384,098	8,991	105	32.00	35' 8"	10.87	65' 8"	20.02	130,312	59,110
10540S	363,126	11,954.7	422,177	9,883	105	32.00	40' 1"	12.22	70' 1"	21.37	140,723	63,832
10544S	389,329	12,817.3	452,640	10,596	105	32.00	43' 8"	13.31	73' 8"	22.46	156,096	70,805
10548S	422,081	13,895.6	490,719	11,487	105	32.00	48' 1"	14.66	78' 1"	23.81	176,724	80,162
10552S	448,284	14,758.2	521,182	12,200	105	32.00	51' 8"	15.75	81' 8"	24.90	194,585	88,264
10557S	487,587	16,052.2	566,877	13,270	105	32.00	57' 0"	17.37	87' 0"	26.52	219,664	99,640
10561S	513,790	16,914.8	597,340	13,983	105	32.00	60' 7"	18.45	90' 7"	27.60	237,986	107,951
10564S	539,992	17,777.4	627,804	14,696	105	32.00	64' 1"	19.54	94' 1"	28.69	248,720	112,820
10568S	566,194	18,640.0	658,267	15,409	105	32.00	67' 8"	20.62	97' 8"	29.77	274,404	124,470
10571S	592,396	19,502.7	688,730	16,123	105	32.00	71' 3"	21.71	101' 3"	30.86	291,986	132,445
10575S	618,599	20,365.3	719,193	16,836	105	32.00	74' 9"	22.79	104' 9"	31.94	316,218	143,437
10578S	644,801	21,227.9	749,657	17,549	105	32.00	78' 4"	23.87	108' 4"	33.02	335,838	152,336
10581S	671,003	22,090.5	780,120	18,262	105	32.00	81' 11"	24.96	111' 11"	34.11	361,805	164,115
10585S	697,206	22,954.0	810,583	18,975	105	32.00	85' 5"	26.04	115' 6"	35.19	414,601	188,062

SPECIFICATIONS

NON-STIFFENED BINS (SILOS)

The basic bin (silo) includes a SCAFCO grain bin (silo) complete with all required wall sheets, roof panels, one roof panel with inspection hatch, standard peak cap, roof ladder angles and roof safety steps.

Model WIR bin (silo) prices include raised walk-in door with slide gate.

Model 1202WI & 1502WI bins (silos) are not available with a raised walk-in door.

OPTIONS

Walk in door auger hood.

Pre-punching bins (silos) for drying floors (350 mm [13-3/4"] above concrete slab).

Roof Cap opening of 60" in lieu of 36" (on 48' dia. & larger).

STIFFENED BINS (SILOS)

The basic bin (silo) includes a SCAFCO stiffened grain bin (silo) complete with all required wall sheets, roof panels, one roof panel with inspection hatch, wall stiffeners, splice plates and heavy duty peak cap. One access door, located in second ring wall sheet, is included. Roof ladder is not included (48' - 105' diameter). For roof stairs meeting OSHA design requirements, see **PAGE 25**. If buyer purchases roof safety equipment from other sources, roof ladders and safety steps available on **PAGE 72**.

Model S designates stiffened bin (silo). Standard design for SCAFCO stiffened bins (silos) includes external stiffeners. Internal stiffeners available upon request at no additional charge.

Standard Sets of Wind Ring(s)		
Silo Dia.	12'-72'	75'-105'
EH < 64'	0	0
EH = 64'-71'	1	2
EH = 75'	2	3
EH = 78'-85'	3	4
NOTE: EH = Bin (Silo) Eave Height		

ALL GRAIN LOADS AND BIN (SILO) DESIGNS ARE BASED ON THE BIN (SILO) BEING FILLED AND EMPTIED FROM THE CENTER WITH FREE FLOWING MATERIAL. ANY ECCENTRIC UNLOADING MAY RESULT IN PARTIAL OR TOTAL FAILURE OF THE GRAIN BIN (SILO), EXCEPT FOR SPECIAL CASES WHEN THE BIN (SILO) HAS BEEN DESIGNED AND EQUIPPED FOR SCAFCO MANUFACTURED SIDE DISCHARGE KIT.

ANY ECCENTRIC UNLOADING NOT APPROVED WILL BE DETRIMENTAL TO THE STRUCTURAL INTEGRITY OF THE BIN (SILO). ANY ECCENTRIC DISCHARGE OPENING SHOULD BE FOR THE SOLE PURPOSE OF CLEAN-OUT OF THE BIN (SILO) AFTER CENTER DISCHARGE HAS BEEN COMPLETE TO THE GRAIN'S ANGLE OF REPOSE. ANY ECCENTRIC DISCHARGE OPENING MUST BE REGULATED TO INSURE PROPER USAGE. ALL SUCH OPENINGS MUST BE LOCKED OR CONSTRUCTED TO PREVENT ACCIDENTAL OPENING BY UNINFORMED PERSONNEL. THE GATE CONTROL MUST BE IDENTIFIED AND LABELED:

BIN (SILO) CLEAN-OUT UNLOADING ONLY
DO NOT USE FOR EMERGENCY UNLOADING

FAILURE TO TAKE THESE PRECAUTIONS WILL NEGATE THE STRUCTURAL WARRANTY OF THE BIN (SILO).

BIN (SILO) LOADINGS AND SPECIFICATIONS

1. Grain Loads: Loads imposed to the sidewall from stored grain are calculated on the basis of Janssen's equation, using a grain bulk density of 52 pcf (840 kg/m³).
2. Corrugated wall sheets are 2-2/3" depth x 1/2" pitch (13.5 mm x 67.75 mm) corrugation, with minimum yield strengths of 57,000 psi (393 MPa) (Tensile strength 65,000+ psi [448 MPa]).
3. Grain bin (silo) roofs are 30° slope. Bins (silos) 42' (12.80 m) diameter and smaller use single-stage self-supporting roof sheets. Bins (silos) 48' (14.63 m) diameter and larger are designed with complete structural systems consisting of "C" shaped rafters and girts.
4. Roofs 42' (12.80 m) diameter and smaller are designed for a 2 psf dead load, 16 psf live load, and a 2,000 pound (907.2 kg) equipment load at center fill cap.

Roofs 48' (14.63 m) diameter and larger are designed for a 5 psf dead load and 25 psf live load.

Roofs 48' (14.63 m), 54' (16.46 m), 60' (18.29 m), 72' (21.95 m), 75' (22.86 m), 78' (23.77 m), 90' (27.43 m), and 105' (32.00 m) diameter will support a 10,000 pound (4500 kg) equipment load at the center fill cap.
5. Standard bins (silos) are designed for 90 mph (144 kph) wind speed.
6. Capacity calculation based on ASAE Standard: ASAE S413 - "Procedure for Establishing Volumetric Capacity of Grain Bins". Capacities are based on peaked storage capacities and the following compaction factors: 12' (3.66 m) through 21' (6.40 m) diameter - 5%; 24' (7.32 m) - 5.5%; 27' (8.23 m) - 6%; 30' (9.14 m) & 33' (10.06 m) - 6.5%; 36' (10.97 m) and larger - 7%.

SAFETY INFORMATION

There are many safety issues to be addressed by the owner and builder of a new grain storage facility, whether it is a single farm storage bin (silo) or a large commercial facility. The major safety items for a grain bin (silo) are the wall ladders, access to roof openings, safety inside a bin (silo) containing grain, and safety around all filling and discharge augers.

SCAFCO grain bin (silo) ladders are designed in accordance with current Occupational Safety and Health Administration regulations and American National Standards Institute standards. SCAFCO Corporation policy is to provide only safe and usable products. However, as SCAFCO is rarely the designer, the decision regarding what ladder, cage or assembly to purchase is often left to the new owner, or the builder. SCAFCO can only provide the products purchased by its customers and therefore cannot be held responsible for omissions of necessary safety equipment.

Warning labels are affixed to the roof hatch and the bin (silo) door warning prospective entrants of the hazards of suffocation in the grain mass and avoidance of all moving parts such as discharge and sweep augers. Again, as SCAFCO is not in control of personnel entering the bin (silo), the responsibility for safety in the bin (silo) is transferred to the owner and/or entrant.

GRAIN BIN WALL SHEET PENETRATIONS

Penetrations through bin wall sheets for conveyors, aeration equipment, or other requirements should be reinforced. If the opening is less than 17" (430 mm) dia., use a corrugated sheet with the same gauge as the sheet for reinforcement. This reinforcing sheet shall be full height and bolt to the horizontal seams on the top and bottom of the adjacent sheet. The sheet may be cut short of the vertical seams. However, it must extend at least 18" (450 mm) beyond either side of the penetration. It must have holes field drilled so that it can be bolted to the wall sheet in a pattern to match the adjacent vertical seam. For penetrations greater than 17" (430 mm), fit a corrugated reinforcing sheet with the gauge shown in the chart below. The dimensions of the reinforcing sheet and the attachment of the reinforcing sheet to the wall sheet shall be as previously described.

WALL SHEET GAUGE	REINFORCING SHEET GAUGE
8 (3.76 mm)	Contact SCAFCO
10 (3.30 mm)	1/4 (6.35 mm)
11 (2.95 mm)	1/4 (6.35 mm)
12 (2.59 mm)	1/4 (6.35 mm)
13 (2.24 mm)	8 (3.76 mm)
14 (1.83 mm)	8 (3.76 mm)
15 (1.63 mm)	10 (3.30 mm)
16 (1.47 mm)	10 (3.30 mm)
17 (1.32 mm)	12 (2.60 mm)
18 (1.17 mm)	13 (2.24 mm)
19 (1.04 mm)	13 (2.24 mm)
20 (0.86 mm)	14 (1.83 mm)

For openings greater than 28" or for openings through laminated wall sheets contact SCAFCO Engineering Department

Hopper Bottom Bins/Silos 45° & 40° Center Discharge



BIN/SILO MODEL NUMBER	DIAMETER		OVERALL HEIGHT		VOLUME CAPACITY			WEIGHT CAPACITY		APPROXIMATE WEIGHT		LADDERS	
					CUBIC FEET	CUBIC METERS	BUSHEL + 5% COM- PACTION*	INCLUDES COMPACTION				PART NUMBER	SHIPPING WEIGHT (lb)
	FEET	METERS	FEET/ INCHES	METERS				2000# TONS	METRIC TONS	lb	KILOS		
60° HOPPER BOTTOM BINS/SILOs - CENTER DISCHARGE													
6601HBT	6'	1.83	12' 1"	3.68	164	4.6	132	3.9	3.6	520	236	211721	46
6602HBT	6'	1.83	15' 7"	4.76	263	7.5	212	6.3	5.7	629	286	211722	56
6603HBT	6'	1.83	19' 2"	5.84	363	10.3	291	8.7	7.9	737	335	211723	65
6604HBT	6'	1.83	22' 9"	6.93	462	13.1	371	11.1	10.1	914	415	211724	74
9601HBT	9'	2.74	15' 7"	4.74	439	12.4	353	10.5	9.6	1,234	560	211725	62
9602HBT	9'	2.74	19' 1"	5.82	663	18.8	533	15.9	14.4	1,403	637	211726	71
9603HBT	9'	2.74	22' 8"	6.91	887	25.1	713	21.3	19.3	1,562	709	211727	80
9604HBT	9'	2.74	26' 3"	7.99	1,111	31.5	893	26.7	24.2	1,806	820	211728	90
9605HBT	9'	2.74	29' 9"	9.07	1,335	37.8	1,072	32.0	29.1	2,385	1,082	211729	225
9606HBT	9'	2.74	33' 4"	10.16	1,558	44.1	1,252	37.4	33.9	2,725	1,236	211730	252
1201HBT-60	12'	3.66	19' 1"	5.82	907	25.7	729	21.8	19.8	2,716	1,232	211731	77
1202HBT-60	12'	3.66	22' 8"	6.90	1,305	37.0	1,049	31.3	28.4	2,925	1,327	211732	86
1203HBT-60	12'	3.66	26' 2"	7.99	1,703	48.2	1,368	40.9	37.1	3,388	1,537	211733	207
1204HBT-60	12'	3.66	29' 9"	9.07	2,101	59.5	1,688	50.4	45.7	4,279	1,941	211734	232
1205HBT-60	12'	3.66	33' 4"	10.15	2,499	70.8	2,008	60.0	54.4	4,624	2,098	211735	252
1501HBT-60	15'	4.57	22' 7"	6.89	1,612	45.7	1,296	38.7	35.1	5,068	2,299	211904	92
1502HBT-60	15'	4.57	26' 2"	7.97	2,234	63.3	1,795	53.6	48.6	5,395	2,448	211905	215
1503HBT-60	15'	4.57	29' 9"	9.06	2,856	80.9	2,295	68.5	62.2	6,074	2,756	211906	241
1504HBT-60	15'	4.57	33' 3"	10.14	3,478	98.5	2,794	83.5	75.7	6,552	2,972	211907	267
1505HBT-60	15'	4.57	36' 10"	11.23	4,099	116.1	3,294	98.4	89.3	7,245	3,287	211908	406
1506HBT-60	15'	4.57	40' 5"	12.31	4,721	133.7	3,794	113.3	102.8	8,258	3,655	211909	432
1507SHBT-60	15'	4.57	44' 1"	13.44	5,343	151.3	4,508	134.6	122.1	8,710	3,952	211842	442
1508SHBT-60**	15'	4.57	47' 8"	14.53	5,964	168.9	5,032	150.3	136.4	9,654	4,380	211910	485
1509SHBT-60**	15'	4.57	51' 3"	15.61	6,586	186.5	5,557	166.0	150.6	10,408	4,722	211911	510
1510SHBT-60**	15'	4.57	54' 9"	16.70	7,208	204.1	6,081	181.6	164.8	11,264	5,110	211912	537
1511SHBT-60**	15'	4.57	59' 3"	18.05	7,985	226.1	6,737	201.2	182.5	11,898	5,398	211738	563
1512SHBT-60**	15'	4.57	61' 11"	18.86	8,451	239.3	7,131	213.0	193.2	14,480	6,568	211746	589
1514SHBT-60**	15'	4.57	67' 0"	20.42	9,345	264.6	7,885	235.5	213.6	15,250	6,917	211917	729
1804SHBT-60**	18'	5.49	36' 11"	11.24	5,291	149.8	4,464	133.3	121.0	13,550	6,146	211918	258
1805SHBT-60**	18'	5.49	40' 5"	12.33	6,186	175.2	5,220	155.9	141.4	14,076	6,385	211919	406
1806SHBT-60**	18'	5.49	44' 0"	13.41	7,082	200.5	5,975	178.5	161.9	14,770	6,700	211920	432
1807SHBT-60**	18'	5.49	47' 7"	14.50	7,977	225.9	6,730	201.0	182.4	15,600	7,076	211921	459
1808SHBT-60**	18'	5.49	51' 7"	15.72	8,990	254.6	7,586	226.6	205.5	16,240	7,366	211910	485
1809SHBT-60**	18'	5.49	55' 2"	16.81	9,886	279.9	8,341	249.1	226.0	17,050	7,734	211911	510
1810SHBT-60**	18'	5.49	58' 8"	17.89	10,781	305.3	9,096	271.7	246.5	18,000	8,165	211912	537
1811SHBT-60**	18'	5.49	63' 2"	19.25	11,900	337.0	10,041	299.9	272.0	18,900	8,573	211738	563
1812SHBT-60**	18'	5.49	65' 10"	20.06	12,571	356.0	10,607	316.8	287.4	19,900	9,026	211746	589
1814SHBT-60**	18'	5.49	70' 11"	21.62	13,858	392.4	11,693	349.2	316.8	20,500	9,299	211922	762
2104SHBT-60**	21'	6.40	40' 4"	12.29	7,588	214.9	6,402	191.2	173.5	20,315	9,215	211923	414
2105SHBT-60**	21'	6.40	43' 11"	13.38	8,806	249.4	7,430	221.9	201.3	20,924	9,491	211924	440
2106SHBT-60**	21'	6.40	47' 5"	14.46	10,025	283.9	8,458	252.6	229.2	21,755	9,868	211925	466
2107SHBT-60**	21'	6.40	51' 0"	15.55	11,243	318.4	9,486	283.3	257.0	22,800	10,342	211926	493
2108SHBT-60**	21'	6.40	55' 0"	16.77	12,623	357.5	10,651	318.1	288.6	23,600	10,705	211927	519
2109SHBT-60**	21'	6.40	58' 7"	17.86	13,842	392.0	11,679	348.8	316.4	24,500	11,113	211928	545
2110SHBT-60**	21'	6.40	62' 2"	18.94	15,060	426.5	12,707	379.5	344.3	26,000	11,794	211929	571

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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*5% Compaction Applies Only to 1507SHBT & Above

** One Access Door Provided in Bottom Ring

BIN/SILO MODEL NUMBER	DIAMETER		OVERALL HEIGHT		VOLUME CAPACITY			WEIGHT CAPACITY		APPROXIMATE WEIGHT		LADDERS	
					CUBIC FEET	CUBIC METERS	BUSHEL + 5% COM- PACTION*	INCLUDES COMPACTION				PART NUMBER	SHIPPING WEIGHT (lb)
	FEET	METERS	FEET/ INCHES	METERS				2000# TONS	METRIC TONS	lb	KILOS		
60° HOPPER BOTTOM BINS/SILOS - CENTER DISCHARGE													
2111SHBT-60**	21'	6.40	66' 7"	20.30	16,583	469.6	13,992	417.9	379.1	27,000	12,247	211930	597
2112SHBT-60**	21'	6.40	69' 3"	21.11	17,497	495.5	14,763	440.9	400.0	28,370	12,869	211931	736
2114SHBT-60**	21'	6.40	74' 4"	22.67	19,249	545.1	16,241	485.1	440.1	29,400	13,336	211932	796
45° HOPPER BOTTOM BINS/SILOS - CENTER DISCHARGE													
1201HBT	12'	3.66	15' 10"	4.82	744	21.1	598	17.9	16.2	2,535	1,151	211725	62
1202HBT	12'	3.66	19' 4"	5.90	1,142	32.3	918	27.4	24.9	2,763	1,254	211726	71
1203HBT	12'	3.66	22' 11"	6.99	1,540	43.6	1,237	37.0	33.5	3,235	1,469	211727	80
1204HBT	12'	3.66	26' 6"	8.07	1,938	54.9	1,557	46.5	42.2	3,543	1,608	211728	90
1205HBT	12'	3.66	30' 0"	9.15	2,336	66.1	1,877	56.1	50.9	3,886	1,764	211729	225
1501HBT	15'	4.57	18' 3"	5.56	1,294	36.6	1,040	31.1	28.2	4,258	1,933	211725	62
1502HBT	15'	4.57	21' 10"	6.64	1,916	54.3	1,539	46.0	41.7	4,533	2,058	211726	71
1503HBT	15'	4.57	25' 4"	7.73	2,537	71.9	2,039	60.9	55.2	5,126	2,327	211727	80
1504HBT	15'	4.57	28' 11"	8.81	3,159	89.5	2,539	75.8	68.8	5,553	2,521	211728	90
1505HBT	15'	4.57	32' 6"	9.89	3,781	107.1	3,038	90.7	82.3	6,140	2,788	211729	225
1506HBT	15'	4.57	36' 0"	10.98	4,403	124.7	3,538	105.7	95.9	6,999	3,177	211730	252
1507SHBT**	15'	4.57	39' 9"	12.11	5,024	142.3	4,239	126.6	114.9	7,918	3,595	211900	391
1508SHBT**	15'	4.57	43' 4"	13.19	5,646	159.9	4,764	142.3	129.1	8,405	3,812	211901	417
1509SHBT**	15'	4.57	46' 10"	14.28	6,268	177.5	5,288	157.9	143.3	8,828	4,008	211902	444
1510SHBT**	15'	4.57	50' 5"	15.36	6,889	195.1	5,813	173.6	157.5	9,374	4,252	211747	503
1511SHBT**	15'	4.57	54' 10"	16.72	7,667	217.1	6,469	193.2	175.3	10,090	4,581	211903	529
1804HBT	18'	5.49	31' 5"	9.58	4,741	134.3	4,000	119.5	108.4	7,347	3,333	211734	232
1805HBT	18'	5.49	35' 0"	10.66	5,636	159.6	4,756	142.0	128.9	8,325	3,777	211735	252
1806SHBT	18'	5.49	38' 6"	11.75	6,532	185.0	5,511	164.6	149.3	10,717	4,861	211745	285
1807SHBT**	18'	5.49	42' 1"	12.83	7,427	210.3	6,266	187.2	169.8	10,953	4,973	211913	425
1808SHBT**	18'	5.49	46' 2"	14.06	8,446	239.2	7,127	212.8	193.1	12,961	5,421	211829	444
1809SHBT**	18'	5.49	49' 8"	15.15	9,342	264.5	7,882	235.4	213.6	12,990	5,897	211914	477
1810SHBT**	18'	5.49	53' 3"	16.23	10,237	289.9	8,637	258.0	234.0	13,022	5,907	211747	503
1811SHBT**	18'	5.49	57' 8"	17.59	11,356	321.6	9,581	286.2	259.6	14,304	6,488	211915	529
1812SHBT**	18'	5.49	60' 4"	18.40	12,027	340.6	10,148	303.1	275.0	14,882	6,756	211916	555
1814SHBT**	18'	5.49	65' 6"	19.96	13,314	377.0	11,234	335.5	304.4	17,106	7,766	211917	729
2104HBT	21'	6.40	33' 9"	10.29	6,714	190.1	5,665	169.2	153.5	9,790	4,441	211907	267
2105HBT	21'	6.40	37' 4"	11.38	7,933	224.6	6,693	199.9	181.4	10,800	4,899	211908	406
2106HBT	21'	6.40	40' 11"	12.46	9,151	259.1	7,721	230.6	209.2	11,637	5,279	211909	432
2106SHBT**	21'	6.40	40' 11"	12.46	9,151	259.1	7,721	230.6	209.2	12,095	5,486	211909	432
2107SHBT**	21'	6.40	44' 5"	13.55	10,370	293.6	8,749	261.3	237.1	14,348	6,508	211921	459
2108SHBT**	21'	6.40	48' 6"	14.78	11,758	332.9	9,920	296.3	268.8	15,959	7,239	211910	485
2109SHBT**	21'	6.40	52' 1"	15.87	12,976	367.5	10,949	327.0	296.7	17,900	9,625	211911	510
2110SHBT**	21'	6.40	55' 7"	16.95	14,195	402.0	11,977	357.7	324.5	18,661	8,464	211912	537
2111SHBT**	21'	6.40	60' 1"	18.30	15,718	445.1	13,262	396.1	359.3	20,405	9,256	211738	563
2112SHBT**	21'	6.40	62' 9"	19.12	16,632	471.0	14,033	419.1	380.2	21,190	9,612	211746	589
2114SHBT**	21'	6.40	67' 10"	20.67	18,383	520.6	15,511	463.3	420.3	23,316	10,585	211917	729
2407SHBT**	24'	7.32	47' 5"	14.44	14,144	400.5	11,934	356.4	323.3	22,684	10,290	211921	459
2408SHBT**	24'	7.32	50' 11"	15.52	15,735	445.6	13,276	396.5	359.7	23,860	10,823	211910	485
2409SHBT**	24'	7.32	54' 6"	16.61	17,327	490.7	14,619	436.6	396.1	25,035	11,356	211911	510
2410SHBT**	24'	7.32	58' 1"	17.69	18,918	535.7	15,962	476.7	432.5	26,264	11,913	211912	537

Hopper Bottom Bins/Silos 45° & 40° Center Discharge



BIN/SILO MODEL NUMBER	DIAMETER		OVERALL HEIGHT		VOLUME CAPACITY			WEIGHT CAPACITY		APPROXIMATE WEIGHT		LADDERS	
					CUBIC FEET	CUBIC METERS	BUSHEL S + 5% COM- PACTION*	INCLUDES COMPACTION				PART NUMBER	SHIPPING WEIGHT (lb)
	FEET	METERS	FEET/ INCHES	METERS				2000# TONS	METRIC TONS	lb	KILOS		
45° STIFFENED HOPPER BOTTOM BINS/SILOS - CENTER DISCHARGE													
2411SHBT**	24'	7.32	62' 6"	19.05	20,908	592.1	17,641	526.9	478.0	27,229	10,974	211738	563
2412SHBT**	24'	7.32	65' 2"	19.86	22,101	625.9	18,648	557.0	505.3	28,195	13,028	211746	589
2414SHBT**	24'	7.32	70' 3"	21.42	24,389	690.6	20,578	614.6	557.6	28,884	13,113	211917	729
2707SHBT**	27'	8.23	49' 0"	14.93	18,332	519.1	15,468	462.0	419.1	25,162	11,414	211921	459
2708SHBT**	27'	8.23	52' 7"	16.02	20,347	576.2	17,167	512.7	465.1	26,502	12,022	211910	485
2709SHBT**	27'	8.23	56' 1"	17.10	22,361	633.2	18,867	563.5	511.2	28,150	12,769	211911	510
2710SHBT**	27'	8.23	59' 8"	18.18	24,375	690.3	20,566	614.3	557.2	29,017	13,162	211912	537
2711SHBT**	27'	8.23	64' 1"	19.54	26,893	761.6	22,691	677.7	614.8	31,119	14,116	211738	563
2712SHBT**	27'	8.23	66' 9"	20.35	28,404	804.3	23,966	715.8	649.3	32,043	14,534	211746	589
2714SHBT**	27'	8.23	71' 11"	21.91	31,299	886.3	26,409	788.7	715.5	35,707	16,197	211922	762
40° STIFFENED HOPPER BOTTOM BINS/SILOS - CENTER DISCHARGE													
3007SHBT**	30'	9.14	49' 2"	14.99	22,696	642.7	19,150	571.9	518.9	31,649	14,355	211921	459
3008SHBT**	30'	9.14	52' 9"	16.07	25,183	713.1	21,248	634.6	575.7	33,064	14,998	211910	485
3009SHBT**	30'	9.14	56' 4"	17.16	27,670	783.6	23,346	697.3	632.6	34,540	15,677	211911	510
3010SHBT**	30'	9.14	59' 10"	18.24	30,157	854.0	25,445	759.9	689.4	36,056	16,355	211912	537
3011SHBT**	30'	9.14	64' 4"	19.60	33,265	942.0	28,067	838.3	760.5	37,572	17,043	211738	563
3012SHBT**	30'	9.14	67' 0"	20.41	35,130	994.8	29,641	885.3	803.1	39,104	17,738	211746	589
3014SHBT**	30'	9.14	72' 1"	21.97	38,705	1096.0	32,657	975.4	884.8	40,965	18,502	211917	729
3307SHBT**	33'	10.06	51' 4"	15.63	28,040	794.0	23,658	706.6	641.0	41,384	18,771	211951	532
3308SHBT**	33'	10.06	54' 10"	16.72	31,049	879.2	26,197	782.4	709.8	43,480	19,722	211952	563
3309SHBT**	33'	10.06	58' 5"	17.80	34,058	964.4	28,736	858.3	778.6	45,263	20,531	211953	594
3310SHBT**	33'	10.06	62' 0"	18.88	37,067	1049.7	31,275	934.1	847.4	47,360	21,482	211954	624
3311SHBT**	33'	10.06	66' 5"	20.24	40,828	1156.2	34,449	1028.9	933.4	48,791	22,132	211955	575
3312SHBT**	33'	10.06	69' 1"	21.05	43,085	1220.1	36,353	1085.7	985.0	50,456	22,886	211956	656
3314SHBT**	33'	10.06	74' 2"	22.61	47,410	1342.6	40,002	1194.7	1083.9	52,477	23,804	211957	736
3607SHBT**	36'	10.97	53' 5"	16.28	34,057	964.4	28,735	858.2	778.6	INQUIRE			
3608SHBT**	36'	10.97	57' 0"	17.36	37,638	1065.8	31,757	948.5	860.4	INQUIRE			
3609SHBT**	36'	10.97	60' 6"	18.45	41,218	1167.2	34,778	1038.7	942.3	INQUIRE			
3610SHBT**	36'	10.97	64' 1"	19.53	44,799	1268.6	37,799	1128.9	1024.2	INQUIRE			
3611SHBT**	36'	10.97	68' 6"	20.88	49,276	1395.4	41,576	1241.7	1126.5	INQUIRE			
3612SHBT**	36'	10.97	71' 2"	21.70	51,961	1471.4	43,842	1309.4	1187.9	INQUIRE			
3614SHBT**	36'	10.97	76' 4"	23.25	57,109	1617.2	48,186	1439.1	1305.6	INQUIRE			

Center Discharge Hopper Bottom Bins/Silos Specifications/Prices - Optional Equipment Prices

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
222024	Roller Gate Hardware For 6' (1.83 m) & 9' (2.74 m) Bins/Silos	35	16
222025	Roller Gate For 12' (3.66 m), 15' (4.57 m), 18' (5.49 m), 21' (6.40 m), & 24' (7.32 m) (Frame & Hardware)	39	18
222023	Rack & Pinion Roller Gate Hardware, 22" (559 mm) Square, For 6' (1.83 m), 9' (2.74 m) & 12' (3.66 m) 60° Bins/Silos	44	20
222018	Rack & Pinion Roller Gate, 12" (305 mm) Square, For 12' (3.66 m), 15' (4.57 m), 18' (5.49 m), 21' (6.40 m), & 24' (7.32 m) 45° Bins/Silos (Frame & Hardware)	45	21
222018CCW	Rack & Pinion Roller Gate, 12" (305 mm) Square, Complete With 35' (10.67 m) Chain And Chain Wheel (Frame & Hardware)	74	34
222029	Rack & Pinion Roller Gate, 16" (406 mm) Square, For 27' (8.23 m), 30' (9.14 m), 33' (10.06 m), & 36' (10.97 m) 40° Bins/Silos (Frame & Hardware)	62	29
222013	Boot Assembly For 4" (100 mm) Auger, 6' & 9' diameter, 12'-60°, 15'-60°	58	27
222066	Boot Assembly For 4" (100 mm) Auger, 12' & 15' diameter, 45°	84	38
222014	Boot Assembly For 6" (150 mm) Auger, 6' & 9' diameter, 12'-60°, 15'-60°	58	28
222067	Boot Assembly For 6" (150 mm) Auger, 12' & 15' diameter, 45°	85	39
222063	Boot Assembly For 8" (200 mm) Auger, 6' & 9' diameter, 12'-60°, 15'-60°	63	29
222068	Boot Assembly For 8" (200 mm) Auger, 12' & 15' diameter, 45°	83	40
225087	Boot Adapter Plate For 12' (3.66 m), 15' (4.57 m), & 18' (5.49 m) x 45°	23	15
210028	Adapter Plate For 6' (1.83 m) & 9' (2.74 m) 60° outlet to Flex Auger	42	19
210027	Adapter Plate For 12' (3.66 m) & 15' (4.57 m) 45° outlet to Flex Auger	16	7

SPECIFICATIONS:

Hopper Bottom Bins/Silos warranted for maximum of 52# per cubic foot (840 kg/m³) **FLOWABLE non-hygroscopic** materials.

Hopper Outlet: 22" (559 mm) Diameter for 6' (1.83 m), 9' (2.74 m), 12' (3.66 m), 15' (4.57 m), 18' (5.49 m), & 21' (6.40 m) 60° Bins/Silos.

Hopper Outlet: 12" (305 mm) Diameter for 12' (3.66 m), 15' (4.57 m), 18' (5.49 m), 21' (6.40 m), & 24' (7.32 m) 45° Bins/Silos.

Hopper Outlet: 16" (406 mm) Diameter for 27' (8.23 m), 30' (9.14 m), 33' (10.06 m), & 36' (10.97 m) Bins/Silos.

Roof Cap Opening: 22" (559 mm), except 27' (8.23 m), 30' (9.14 m), 33' (10.06 m), & 36' (10.97 m) diameter silo opening is 36" (915 mm).

Clearance Below

Discharge: Varies - See Dimension Chart Column B (See Pages 20-23)

Depth of Gate: 4" (100 mm)

Boot Cleanout: Included.

Roller Gates and

Rack & Pinion Gates: **OPTIONAL.**

Side Ladders: **OPTIONAL.**

Anchor Bolts: **OPTIONAL.**

Side Ladder Safety Cage: **OPTIONAL.**

Roof Ladder: Included on 9' (2.74 m) through 36' (10.97 m) Diameter Hopper Bottom Bins/Silos.

Roof Inspection Hatch: Included on 12' (3.66 m) through 36' (10.97 m) Diameter Hopper Bottom Bins/Silos.

Lifting Lugs: Available only for 6' (1.83 m) and 9' (2.74 m) bins/silos.

SHIPPED COMPLETE WITH ERECTION INSTRUCTIONS, BOLTS AND CAULKING.

Hopper Bottom Bin/Silo Replacement Parts

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
224003	6' (1.83 m) Hopper Panels	13	5.9
224004	9' (2.74 m) Hopper Panels-18 Gauge (1.17 mm) (9601-9604)	29	13.1
224013	9' (2.74 m) Hopper Panels-14 Gauge (1.83 mm) (9605-9606)	46	21.0
224005	12' (3.66 m) Hopper Panels-15 Gauge (1.60 mm)	40	18.1
224006	15' (4.57 m) Hopper Panels-14 Gauge (1.83 mm)	58	26.3
221004	6' (1.83 m) & 9' (2.74 m) Hopper Collar Gate Frame Assembly	52	23.6
221011	12' (3.66 m) Hopper Collar Assembly	32	14.5
221014	15' (4.57 m) Hopper Collar Assembly	25	11.3
225035	6' (1.83 m) Legs (6601-6604)	32	14.3
225037	6' (1.83 m) Leg Brace Brackets (Obsolete)	1	0.4
225040	6' (1.83 m) Leg Brace (Obsolete)	5	2.1
225106	6' (1.83 m) & 9' (2.74 m) Leg Base Plate	2	0.8
225036	9' (2.74 m) Legs x 146 3/4" x 12 Gauge (9601-9604) (3.73 m x 2.59 mm)	53	23.0
225105	9' & 12' (2.74 m & 3.66 m) Legs x 146 3/4" x 10 GA (9605-9606) (3.73 m x 2.59 mm)	71	32.0
225177L	9' & 12' (2.74 m & 3.66 m) Leg Brace – Left Hand	8	3.6
225177R	9' & 12' (2.74 m & 3.66 m) Leg Brace – Right Hand	8	3.6
221055	15' (4.57 m) Legs (Obsolete)	152	68.9
221178	15' (4.57 m) Leg Assembly X 112-1/8" (2.85 m)- Bottom Section	82	37.2
225484	15' (4.57 m) Leg Assembly X 51-1/2" (1.31 m)- Top Section	34	15.5
225382	15' (4.57 m) Leg Splice Plate	10	4.5
225109	15' (4.57 m) Leg Brace Rods 1/2" Dia. X 119" Long (Obsolete) (13 mm x 3.0 m)	8	3.6
225487	15' (4.57 m) Leg Brace Rod 1/2" Dia. X 112" Long (13 mm x 2.84 m)	7	3.2
224001	6' (1.83 m) Roof Panels	11	5.0
224002	9' (2.74 m) Roof Panels	15	6.8
221043	6' (1.83 m) & 9' (2.74 m) Roof Collar Ring	5	2.2
222080	6' (1.83 m) & 9' (2.74 m) Vent Cap Assembly w/Hardware	17	7.8
222081	Lifting Lugs With Back-Up Plates & Hardware	4	1.6
225055	Ladder Support Hoop	6	2.7
229006	Skate Wheels-.3125" (8 mm) I.D. (Rack & Pinion Gates)	1	0.2
290410	5/16-18 x 3/4" (8 mm x 19 mm) TH Bolts With Undercut Vinyl Washer	3/C	1.5/C
225027	Boot Weather Cover Retainer Ring for 4" & 6" (100 mm & 150 mm)	3	1.6
225362	Boot Weather Cover Retainer Ring for 8" (203 mm)	1	0.5
290384	Weather Cover (for 4" & 6" boot assembly) (100 mm & 150 mm)	1	0.2
290678	Weather Cover (for 8" boot assembly) (203 mm)	1	0.2

NOTE: Above parts for 6' & 9' (1.83 m & 2.74 m) are based on our standard 60° Hopper Bottom bin/silo.
Above parts for 12' & 15' (3.66 m & 4.57 m) are based on our standard 45° Hopper Bottom bin/silo.
Please inquire with the sales department for any parts not listed above.

12" HOPPER BOTTOM BIN/SILO AERATION SYSTEMS

45° Hopper Bottom Bin/Silo						
ASSEMBLY PART NO.	BIN DIAMETER (ft)	DIA. (METERS)	PERF PIPE LENGTH (ft)	PERF PIPE LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
23-12HBT-12	12	3.66	6' 0"	1.83	85	39
23-15HBT-12	15	4.57	8' 0"	2.44	99	45

60° Hopper Bottom Bin/Silo						
ASSEMBLY PART NO.	BIN DIAMETER (ft)	DIA. (METERS)	PERF PIPE LENGTH (ft)	PERF PIPE LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
23-12HBT60-12	12	3.66	8' 0"	2.44	99	45
23-15HBT60-12	15	4.57	10' 0"	3.05	113	51

Above 12" pipe systems are not designed or recommended for Bins/Silos larger than 15' diameter.

18" HOPPER BOTTOM BIN/SILO AERATION SYSTEMS

45° Hopper Bottom Bin/Silo						
ASSEMBLY PART NO.	BIN DIAMETER (ft)	DIA. (METERS)	PERF PIPE LENGTH (ft)	PERF PIPE LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
23-12HBT-18	12	3.66	6' 0"	1.83	139	63
23-15HBT-18	15	4.57	8' 0"	2.44	151	69
23-18HBT-18	18	5.49	10' 0"	3.05	166	76
23-21HBT-18	21	6.40	12' 0"	3.66	186	85
23-24HBT-18	24	7.32	14' 0"	4.27	213	97
23-27HBT-18	27	8.23	15' 0"	4.57	216	98

40° Hopper Bottom Bin/Silo						
ASSEMBLY PART NO.	BIN DIAMETER (ft)	DIA. (METERS)	PERF PIPE LENGTH (ft)	PERF PIPE LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
23-30HBT-18	30	9.14	15' 0"	4.57	216	98
23-33HBT-18	33	10.06	18' 0"	5.49	273	124

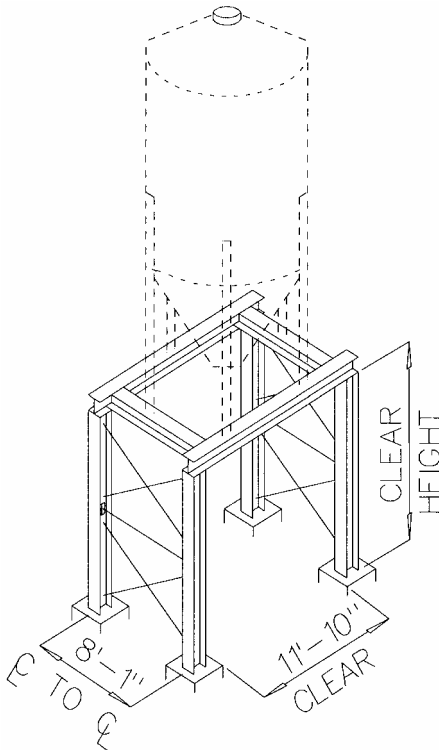
60° Hopper Bottom Bin/Silo						
ASSEMBLY PART NO.	BIN DIAMETER (ft)	DIA. (METERS)	PERF PIPE LENGTH (ft)	PERF PIPE LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
23-12HBT60-18	12	3.66	8' 0"	2.44	151	69
23-15HBT60-18	15	4.57	10' 0"	3.05	166	76
23-18HBT60-18	18	5.49	12' 0"	3.66	186	85
23-21HBT60-18	21	6.40	16' 0"	4.88	220	100

Structural Platforms For Hopper Bottom Bins/Silos – Prime Painted*

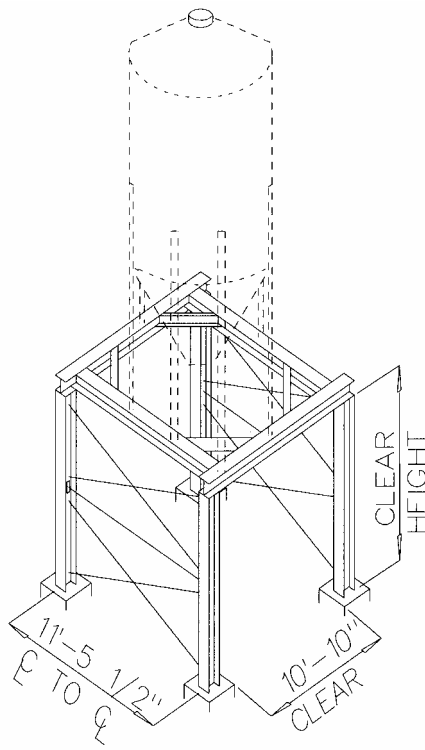
Trade Discount Only

PART NUMBER	BIN/SILO MODEL	CUBIC FEET	CUBIC METERS	CLEAR HEIGHT FEET	CLEAR HEIGHT METERS	APPROX. SHIPPING WEIGHT (lb)	APPROX. SHIPPING WEIGHT (kg)
220024	9601 - 9606	1608	45.5	16' 0"	4.88	2,415	1,096
220025	1201 - 1205	2345	66.4	16' 0"	4.88	3,255	1,477
220026	1501 - 1503	2554	72.3	16' 0"	4.88	4,683	2,125
220027	1504 - 1505	3813	107.9	16' 0"	4.88	5,455	2,475
220028	(2) 1501 – (2) 1505	7626	215.9	16' 0"	4.88	10,600	4,808
222141	LADDER AND REST PLATFORM TO TOP OF STRUCTURE					308	140

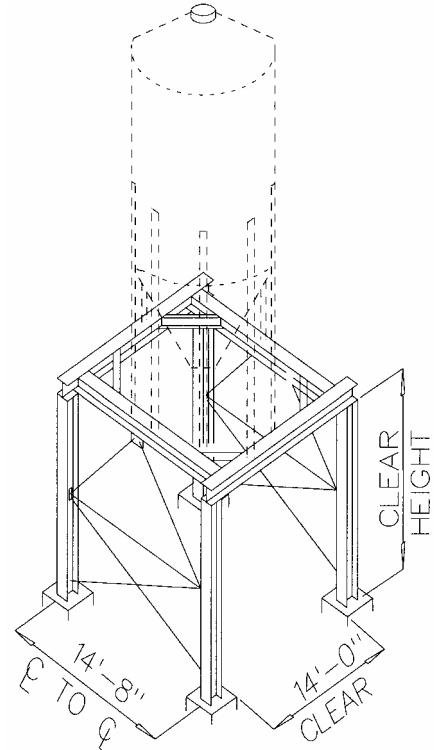
*Galvanized available upon request.



Platform for 9601 - 9606
Hopper Bottom Bin/Silo

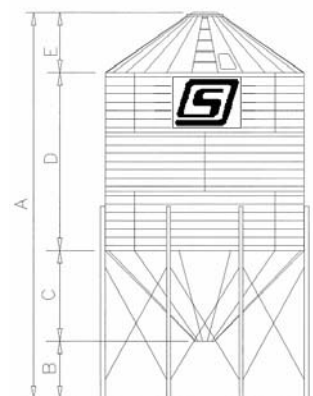


Platform for 1201 - 1205
Hopper Bottom Bin/Silo



Platform for 1503 & 1505
Hopper Bottom Bin/Silo

MODEL	Nominal Tank Dia.		No. of Legs	Discharge Opening		A		B		C		D		E	
	ft	m		in.	mm	ft	m	ft	m	ft	m	ft	m	ft	m
60° HOPPER BOTTOM BINS/SILOS															
6601HBT	6	1.83	4	22	559	12' 1"	3.68	3' 3"	0.99	3' 8"	1.11	3' 8"	1.10	1' 7"	0.47
6602HBT	6	1.83	4	22	559	15' 7"	4.76	3' 3"	0.99	3' 8"	1.11	7' 2"	2.19	1' 7"	0.47
6603HBT	6	1.83	4	22	559	19' 2"	5.84	3' 3"	0.99	3' 8"	1.11	10' 9"	3.27	1' 7"	0.47
6604HBT	6	1.83	4	22	559	22' 9"	6.93	3' 3"	0.99	3' 8"	1.11	14' 4"	4.36	1' 7"	0.47
9601HBT	9	2.74	6	22	559	15' 7"	4.74	3' 4"	1.02	6' 3"	1.90	3' 8"	1.10	2' 5"	0.73
9602HBT	9	2.74	6	22	559	19' 1"	5.82	3' 4"	1.02	6' 3"	1.90	7' 2"	2.19	2' 5"	0.73
9603HBT	9	2.74	6	22	559	22' 8"	6.91	3' 4"	1.02	6' 3"	1.90	10' 9"	3.27	2' 5"	0.73
9604HBT	9	2.74	6	22	559	26' 3"	7.99	3' 4"	1.02	6' 3"	1.90	14' 4"	4.36	2' 5"	0.73
9605HBT	9	2.74	6	22	559	29' 9"	9.07	3' 4"	1.02	6' 3"	1.90	17' 10"	5.44	2' 5"	0.73
9606HBT	9	2.74	6	22	559	33' 4"	10.16	3' 4"	1.02	6' 3"	1.90	21' 5"	6.52	2' 5"	0.73
1201HBT-60	12	3.66	8	22	559	19' 1"	5.82	3' 1"	0.94	8' 10"	2.69	3' 8"	1.10	3' 7"	1.09
1202HBT-60	12	3.66	8	22	559	22' 8"	6.90	3' 1"	0.94	8' 10"	2.69	7' 2"	2.19	3' 7"	1.09
1203HBT-60	12	3.66	8	22	559	26' 2"	7.99	3' 1"	0.94	8' 10"	2.69	10' 9"	3.27	3' 7"	1.09
1204HBT-60	12	3.66	8	22	559	29' 9"	9.07	3' 1"	0.94	8' 10"	2.69	14' 4"	4.36	3' 7"	1.09
1205HBT-60	12	3.66	8	22	559	33' 4"	10.15	3' 1"	0.94	8' 10"	2.69	17' 10"	5.44	3' 7"	1.09
1501HBT-60	15	4.57	10	22	559	22' 7"	6.89	3' 2"	0.97	11' 5"	3.47	3' 8"	1.10	4' 5"	1.35
1502HBT-60	15	4.57	10	22	559	26' 2"	7.97	3' 2"	0.97	11' 5"	3.47	7' 2"	2.19	4' 5"	1.35
1503HBT-60	15	4.57	10	22	559	29' 9"	9.06	3' 2"	0.97	11' 5"	3.47	10' 9"	3.27	4' 5"	1.35
1504HBT-60	15	4.57	10	22	559	33' 3"	10.14	3' 2"	0.97	11' 5"	3.47	14' 4"	4.36	4' 5"	1.35
1505HBT-60	15	4.57	10	22	559	36' 10"	11.23	3' 2"	0.97	11' 5"	3.47	17' 10"	5.44	4' 5"	1.35
1506HBT-60	15	4.57	10	22	559	40' 5"	12.31	3' 2"	0.97	11' 5"	3.47	21' 5"	6.52	4' 5"	1.35
1507SHBT-60	15	4.57	10	22	559	44' 1"	13.44	3' 4"	1.02	11' 5"	3.47	25' 0"	7.61	4' 5"	1.35
1508SHBT-60	15	4.57	10	22	559	47' 8"	14.53	3' 4"	1.02	11' 5"	3.47	28' 6"	8.69	4' 5"	1.35
1509SHBT-60	15	4.57	10	22	559	51' 3"	15.61	3' 4"	1.02	11' 5"	3.47	32' 1"	9.77	4' 5"	1.35
1510SHBT-60	15	4.57	10	22	559	54' 9"	16.70	3' 4"	1.02	11' 5"	3.47	35' 8"	10.86	4' 5"	1.35
1511SHBT-60	15	4.57	10	22	559	59' 3"	18.05	3' 4"	1.02	11' 5"	3.47	40' 1"	12.21	4' 5"	1.35
1512SHBT-60	15	4.57	10	22	559	61' 11"	18.86	3' 4"	1.02	11' 5"	3.47	42' 9"	13.03	4' 5"	1.35
1514SHBT-60	15	4.57	10	22	559	67' 0"	20.42	3' 4"	1.02	11' 5"	3.47	47' 10"	14.58	4' 5"	1.35
1804SHBT-60	18	5.49	12	22	559	36' 11"	11.24	3' 4"	1.02	14' 0"	4.26	14' 4"	4.36	5' 4"	1.61
1805SHBT-60	18	5.49	12	22	559	40' 5"	12.33	3' 4"	1.02	14' 0"	4.26	17' 10"	5.44	5' 4"	1.61
1806SHBT-60	18	5.49	12	22	559	44' 0"	13.41	3' 4"	1.02	14' 0"	4.26	21' 5"	6.52	5' 4"	1.61
1807SHBT-60	18	5.49	12	22	559	47' 7"	14.50	3' 4"	1.02	14' 0"	4.26	25' 0"	7.61	5' 4"	1.61
1808SHBT-60*	18	5.49	12	22	559	51' 7"	15.72	3' 4"	1.02	14' 5"	4.38	28' 7"	8.71	5' 4"	1.61
1809SHBT-60*	18	5.49	12	22	559	55' 2"	16.81	3' 4"	1.02	14' 5"	4.38	32' 2"	9.80	5' 4"	1.61
1810SHBT-60*	18	5.49	12	22	559	58' 8"	17.89	3' 4"	1.02	14' 5"	4.38	35' 8"	10.88	5' 4"	1.61
1811SHBT-60*	18	5.49	12	22	559	63' 2"	19.25	3' 4"	1.02	14' 5"	4.38	40' 2"	12.23	5' 4"	1.61
1812SHBT-60*	18	5.49	12	22	559	65' 10"	20.06	3' 4"	1.02	14' 5"	4.38	42' 10"	13.05	5' 4"	1.61
1814SHBT-60*	18	5.49	12	22	559	70' 11"	21.62	3' 4"	1.02	14' 5"	4.38	47' 11"	14.60	5' 4"	1.61
2104SHBT-60	21	6.40	14	22	559	40' 4"	12.29	3' 4"	1.02	16' 7"	5.05	14' 4"	4.36	6' 2"	1.88
2105SHBT-60	21	6.40	14	22	559	43' 11"	13.38	3' 4"	1.02	16' 7"	5.05	17' 10"	5.44	6' 2"	1.88
2106SHBT-60	21	6.40	14	22	559	47' 5"	14.46	3' 4"	1.02	16' 7"	5.05	21' 5"	6.52	6' 2"	1.88
2107SHBT-60	21	6.40	14	22	559	51' 0"	15.55	3' 4"	1.02	16' 7"	5.05	25' 0"	7.61	6' 2"	1.88
2108SHBT-60*	21	6.40	14	22	559	55' 0"	16.77	3' 4"	1.02	17' 0"	5.17	28' 7"	8.71	6' 2"	1.88
2109SHBT-60*	21	6.40	14	22	559	58' 7"	17.86	3' 4"	1.02	17' 0"	5.17	32' 2"	9.80	6' 2"	1.88
2110SHBT-60*	21	6.40	14	22	559	62' 2"	18.94	3' 4"	1.02	17' 0"	5.17	35' 8"	10.88	6' 2"	1.88



Hopper Bottom Bins/Silos Dimension Chart



MODEL	Nominal Tank Dia.		No. of Legs	Discharge Opening		A		B		C		D		E	
	ft	m		in.	mm	ft	m	ft	m	ft	m	ft	m	ft	m
60° HOPPER BOTTOM BINS/SILOS															
2111SHBT-60*	21	6.40	14	22	559	66' 7"	20.30	3' 4"	1.02	17' 0"	5.17	40' 2"	12.23	6' 2"	1.88
2112SHBT-60*	21	6.40	14	22	559	69' 3"	21.11	3' 4"	1.02	17' 0"	5.17	42' 10"	13.05	6' 2"	1.88
2114SHBT-60*	21	6.40	14	22	559	74' 4"	22.67	3' 4"	1.02	17' 0"	5.17	47' 11"	14.60	6' 2"	1.88
45° HOPPER BOTTOM BINS/SILOS															
1201HBT	12	3.66	8	12	305	15' 10"	4.82	3' 1"	0.94	5' 6"	1.69	3' 8"	1.10	3' 7"	1.09
1202HBT	12	3.66	8	12	305	19' 4"	5.90	3' 1"	0.94	5' 6"	1.69	7' 2"	2.19	3' 7"	1.09
1203HBT	12	3.66	8	12	305	22' 11"	6.99	3' 1"	0.94	5' 6"	1.69	10' 9"	3.27	3' 7"	1.09
1204HBT	12	3.66	8	12	305	26' 6"	8.07	3' 1"	0.94	5' 6"	1.69	14' 4"	4.36	3' 7"	1.09
1205HBT	12	3.66	8	12	305	30' 0"	9.15	3' 1"	0.94	5' 6"	1.69	17' 10"	5.44	3' 7"	1.09
1501HBT	15	4.57	10	12	305	18' 3"	5.56	3' 2"	0.97	7' 0"	2.14	3' 8"	1.10	4' 5"	1.35
1502HBT	15	4.57	10	12	305	21' 10"	6.64	3' 2"	0.97	7' 0"	2.14	7' 2"	2.19	4' 5"	1.35
1503HBT	15	4.57	10	12	305	25' 4"	7.73	3' 2"	0.97	7' 0"	2.14	10' 9"	3.27	4' 5"	1.35
1504HBT	15	4.57	10	12	305	28' 11"	8.81	3' 2"	0.97	7' 0"	2.14	14' 4"	4.36	4' 5"	1.35
1505HBT	15	4.57	10	12	305	32' 6"	9.89	3' 2"	0.97	7' 0"	2.14	17' 10"	5.44	4' 5"	1.35
1506HBT	15	4.57	10	12	305	36' 0"	10.98	3' 2"	0.97	7' 0"	2.14	21' 5"	6.52	4' 5"	1.35
1507SHBT	15	4.57	10	12	305	39' 9"	12.11	3' 4"	1.02	7' 0"	2.14	25' 0"	7.61	4' 5"	1.35
1508SHBT	15	4.57	10	12	305	43' 4"	13.19	3' 4"	1.02	7' 0"	2.14	28' 6"	8.69	4' 5"	1.35
1509SHBT	15	4.57	10	12	305	46' 10"	14.28	3' 4"	1.02	7' 0"	2.14	32' 1"	9.77	4' 5"	1.35
1510SHBT	15	4.57	10	12	305	50' 5"	15.36	3' 4"	1.02	7' 0"	2.14	35' 8"	10.86	4' 5"	1.35
1511SHBT	15	4.57	10	12	305	54' 10"	16.72	3' 4"	1.02	7' 0"	2.14	40' 1"	12.21	4' 5"	1.35
1804HBT	18	5.49	12	12	305	31' 5"	9.58	3' 4"	1.02	8' 6"	2.59	14' 4"	4.36	5' 4"	1.61
1805HBT	18	5.49	12	12	305	35' 0"	10.66	3' 4"	1.02	8' 6"	2.59	17' 10"	5.44	5' 4"	1.61
1806HBT	18	5.49	12	12	305	38' 6"	11.75	3' 4"	1.02	8' 6"	2.59	21' 5"	6.52	5' 4"	1.61
1807SHBT	18	5.49	12	12	305	42' 1"	12.83	3' 4"	1.02	8' 6"	2.59	25' 0"	7.61	5' 4"	1.61
1808SHBT*	18	5.49	12	12	305	46' 2"	14.06	3' 4"	1.02	8' 11"	2.72	28' 7"	8.71	5' 4"	1.61
1809SHBT*	18	5.49	12	12	305	49' 8"	15.15	3' 4"	1.02	8' 11"	2.72	32' 2"	9.80	5' 4"	1.61
1810SHBT*	18	5.49	12	12	305	53' 3"	16.23	3' 4"	1.02	8' 11"	2.72	35' 8"	10.88	5' 4"	1.61
1811SHBT*	18	5.49	12	12	305	57' 8"	17.59	3' 4"	1.02	8' 11"	2.72	40' 2"	12.23	5' 4"	1.61
1812SHBT*	18	5.49	12	12	305	60' 4"	18.40	3' 4"	1.02	8' 11"	2.72	42' 10"	13.05	5' 4"	1.61
1814SHBT*	18	5.49	12	12	305	65' 6"	19.96	3' 4"	1.02	8' 11"	2.72	47' 11"	14.60	5' 4"	1.61
2104HBT	21	6.40	14	12	305	33' 9"	10.29	3' 4"	1.02	10' 0"	3.05	14' 4"	4.36	6' 2"	1.88
2105HBT	21	6.40	14	12	305	37' 4"	11.38	3' 4"	1.02	10' 0"	3.05	17' 10"	5.44	6' 2"	1.88
2106HBT	21	6.40	14	12	305	40' 11"	12.46	3' 4"	1.02	10' 0"	3.05	21' 5"	6.52	6' 2"	1.88
2107SHBT	21	6.40	14	12	305	44' 5"	13.55	3' 4"	1.02	10' 0"	3.05	25' 0"	7.61	6' 2"	1.88
2108SHBT*	21	6.40	14	12	305	48' 6"	14.78	3' 4"	1.02	10' 5"	3.18	28' 7"	8.71	6' 2"	1.88
2109SHBT*	21	6.40	14	12	305	52' 1"	15.87	3' 4"	1.02	10' 5"	3.18	32' 2"	9.80	6' 2"	1.88
2110SHBT*	21	6.40	14	12	305	55' 7"	16.95	3' 4"	1.02	10' 5"	3.18	35' 8"	10.88	6' 2"	1.88
2111SHBT*	21	6.40	14	12	305	60' 1"	18.30	3' 4"	1.02	10' 5"	3.18	40' 2"	12.23	6' 2"	1.88
2112SHBT*	21	6.40	14	12	305	62' 9"	19.12	3' 4"	1.02	10' 5"	3.18	42' 10"	13.05	6' 2"	1.88
2114SHBT*	21	6.40	14	12	305	67' 10"	20.67	3' 4"	1.02	10' 5"	3.18	47' 11"	14.60	6' 2"	1.88
2407SHBT*	24	7.32	16	12	305	47' 5"	14.44	3' 4"	1.02	12' 0"	3.66	25' 0"	7.63	7' 0"	2.14
2408SHBT*	24	7.32	16	12	305	50' 11"	15.52	3' 4"	1.02	12' 0"	3.66	28' 7"	8.71	7' 0"	2.14
2409SHBT*	24	7.32	16	12	305	54' 6"	16.61	3' 4"	1.02	12' 0"	3.66	32' 2"	9.80	7' 0"	2.14
2410SHBT*	24	7.32	16	12	305	58' 1"	17.69	3' 4"	1.02	12' 0"	3.66	35' 8"	10.88	7' 0"	2.14
2411SHBT*	24	7.32	16	12	305	62' 6"	19.05	3' 4"	1.02	12' 0"	3.66	40' 2"	12.23	7' 0"	2.14



Prices and specifications subject to change without notice.

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MODEL	Nominal Tank Dia.		No. of Legs	Discharge Opening		A		B		C		D		E	
	ft	m		in.	mm	ft	m	ft	m	ft	m	ft	m	ft	m
45° HOPPER BOTTOM BINS/SILOS															
2412SHBT*	24	7.32	16	12	305	65' 2"	19.86	3' 4"	1.02	12' 0"	3.66	42' 10"	13.05	7' 0"	2.14
2414SHBT*	24	7.32	16	12	305	70' 3"	21.42	3' 4"	1.02	12' 0"	3.66	47' 11"	14.60	7' 0"	2.14
2707SHBT*	27	8.23	18	16	406	49' 0"	14.93	3' 4"	1.02	13' 4"	4.06	25' 0"	7.63	7' 4"	2.23
2708SHBT*	27	8.23	18	16	406	52' 7"	16.02	3' 4"	1.02	13' 4"	4.06	28' 7"	8.71	7' 4"	2.23
2709SHBT*	27	8.23	18	16	406	56' 1"	17.10	3' 4"	1.02	13' 4"	4.06	32' 2"	9.80	7' 4"	2.23
2710SHBT*	27	8.23	18	16	406	59' 8"	18.18	3' 4"	1.02	13' 4"	4.06	35' 8"	10.88	7' 4"	2.23
2711SHBT*	27	8.23	18	16	406	64' 1"	19.54	3' 4"	1.02	13' 4"	4.06	40' 2"	12.23	7' 4"	2.23
2712SHBT*	27	8.23	18	16	406	66' 9"	20.35	3' 4"	1.02	13' 4"	4.06	42' 10"	13.05	7' 4"	2.23
2714SHBT*	27	8.23	18	16	406	71' 11"	21.91	3' 4"	1.02	13' 4"	4.06	47' 11"	14.60	7' 4"	2.23
40° STIFFENED HOPPER BOTTOM BINS/SILOS															
3007SHBT*	30	9.14	20	16	406	49' 2"	14.99	3' 4"	1.02	12' 8"	3.86	25' 0"	7.63	8' 2"	2.49
3008SHBT*	30	9.14	20	16	406	52' 9"	16.07	3' 4"	1.02	12' 8"	3.86	28' 7"	8.71	8' 2"	2.49
3009SHBT*	30	9.14	20	16	406	56' 4"	17.16	3' 4"	1.02	12' 8"	3.86	32' 2"	9.80	8' 2"	2.49
3010SHBT*	30	9.14	20	16	406	59' 10"	18.24	3' 4"	1.02	12' 8"	3.86	35' 8"	10.88	8' 2"	2.49
3011SHBT*	30	9.14	20	16	406	64' 4"	19.60	3' 4"	1.02	12' 8"	3.86	40' 2"	12.23	8' 2"	2.49
3012SHBT*	30	9.14	20	16	406	67' 0"	20.41	3' 4"	1.02	12' 8"	3.86	42'10"	13.05	8' 2"	2.49
3014SHBT*	30	9.14	20	16	406	72' 1"	21.97	3' 4"	1.02	12' 8"	3.86	47' 11"	14.60	8' 2"	2.49
3307SHBT*	33	10.06	22	16	406	51' 4"	15.63	3' 4"	1.02	13' 11"	4.24	25' 0"	7.63	9' 0"	2.75
3308SHBT*	33	10.06	22	16	406	54' 10"	16.72	3' 4"	1.02	13' 11"	4.24	28' 7"	8.71	9' 0"	2.75
3309SHBT*	33	10.06	22	16	406	58' 5"	17.80	3' 4"	1.02	13' 11"	4.24	32' 2"	9.80	9' 0"	2.75
3310SHBT*	33	10.06	22	16	406	62' 0"	18.88	3' 4"	1.02	13' 11"	4.24	35' 8"	10.88	9' 0"	2.75
3311SHBT*	33	10.06	22	16	406	66' 5"	20.24	3' 4"	1.02	13' 11"	4.24	40' 2"	12.23	9' 0"	2.75
3312SHBT*	33	10.06	22	16	406	69' 1"	21.05	3' 4"	1.02	13' 11"	4.24	42' 10"	13.05	9' 0"	2.75
3314SHBT*	33	10.06	22	16	406	74' 2"	22.61	3' 4"	1.02	13' 11"	4.24	47' 11"	14.60	9' 0"	2.75
3607SHBT*	36	10.97	24	16	406	53' 5"	16.28	3' 4"	1.02	15' 2"	4.62	25' 0"	7.63	9' 11"	3.01
3608SHBT*	36	10.97	24	16	406	57' 0"	17.36	3' 4"	1.02	15' 2"	4.62	28' 7"	8.71	9' 11"	3.01
3609SHBT*	36	10.97	24	16	406	60' 6"	18.45	3' 4"	1.02	15' 2"	4.62	32' 2"	9.80	9' 11"	3.01
3610SHBT*	36	10.97	24	16	406	64' 1"	19.53	3' 4"	1.02	15' 2"	4.62	35' 8"	10.88	9' 11"	3.01
3611SHBT*	36	10.97	24	16	406	68' 6"	20.88	3' 4"	1.02	15' 2"	4.62	40' 2"	12.23	9' 11"	3.01
3612SHBT*	36	10.97	24	16	406	71' 2"	21.70	3' 4"	1.02	15' 2"	4.62	42' 10"	13.05	9' 11"	3.01
3614SHBT*	36	10.97	24	16	406	76' 4"	23.25	3' 4"	1.02	15' 2"	4.62	47' 11"	14.60	9' 11"	3.01



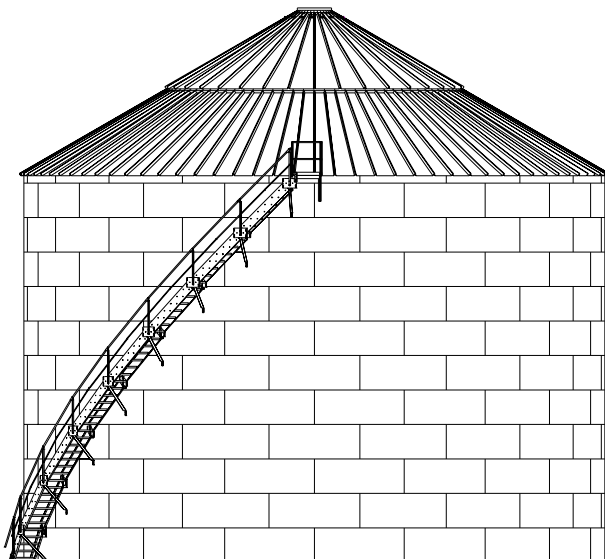
* Comes complete with Compression Ring Assembly.

Outside Ladder Packages - Ladder is Full Sidewall Height.

PART NUMBER	BIN/SILO HEIGHT FEET	BIN/SILO HEIGHT METERS	LENGTH OF SAFETY CAGE/ FEET	LENGTH OF SAFETY CAGE/ METERS	HAND LOOPS	SAFETY REST PLATFORM	EST. WEIGHT (lb)	EST. WEIGHT (kg)
211050	7' 3"	2.20	-	-	2	-	27	12
211051	10' 9"	3.28	-	-	2	-	37	17
211052	14' 4"	4.37	-	-	2	-	46	21
211053	17' 11"	5.45	-	-	2	-	56	25
211054	21' 5"	6.53	17' 10"	5.44	-	-	185	84
211055	25' 0"	7.62	21' 4"	6.50	-	-	212	96
211056	28' 7"	8.70	24' 11"	7.59	-	-	242	110
211296	32' 1"	9.78	21' 4"	6.50	-	1	380	172
211301	35' 8"	10.87	24' 11"	7.59	-	1	403	183
211297	40' 1"	12.22	28' 5"	8.66	-	1	434	197
211302	43' 8"	13.31	32' 1"	9.78	-	1	462	210
211298	48' 1"	14.66	35' 8"	10.87	-	1	489	222
211303	51' 5"	15.68	39' 2"	11.94	-	1	539	244
211299	57' 0"	17.37	46' 2"	14.07	-	1	565	256
211304	60' 7"	18.45	49' 9"	15.16	-	1	599	272
211300	64' 1"	19.54	46' 2"	14.07	-	2	738	335
211454	67' 8"	20.62	49' 8"	15.14	-	2	767	348
211455	71' 3"	21.71	53' 3"	16.23	-	2	793	360
211456	74' 9"	22.79	56' 9"	17.30	-	2	814	369
211809	78' 4"	23.87	60' 4"	18.39	-	2	849	385
211457	81' 11"	24.96	64' 1"	19.53	-	2	867	393
211949	85' 5"	26.04	67' 8"	20.63	-	2	895	406
211942	89' 0"	27.12	71' 3"	21.72	-	2	921	418

Ladder Security Cover Packages

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
211104	Ladder Security Cover for 1 ladder section of coverage	20	9
211105	Ladder Security Cover for 2 ladder section of coverage	38	18



Spiral Stairways

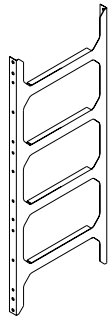
Spiral Stairways are available in a variety of models from SCAFCO Corporation. For prices and specifications please contact SCAFCO's Grain Systems Sales Department.

Mailing Address	Phone Numbers	Internet
SCAFCO Corporation P.O. Box 11215 Spokane, WA 99211-1215	Toll Free: (800) 224-0676 Phone: (509) 535-1571 Fax: (509) 535-9130	Web: www.scafco.com E-mail: mail@scafco.com

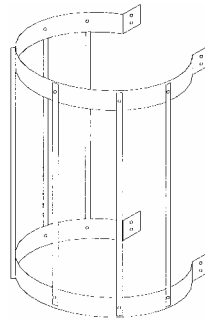
Inside Ladder Packages - Ladder Terminated One Ring Above Floor.

PART NUMBER	BIN/SILO HEIGHT FEET	BIN/SILO HEIGHT METERS	LADDER LENGTH FEET	LADDER LENGTH METERS	EST. WEIGHT (lb)	EST. WEIGHT (kg)
211290	7' 3"	2.20	3' 6"	1.07	13	6
211291	10' 9"	3.28	7' 3"	2.20	23	10
211292	14' 4"	4.37	10' 9"	3.28	33	15
211293	17' 11"	5.45	14' 4"	4.37	42	19
211294	21' 5"	6.53	17' 11"	5.45	52	24
211306	25' 0"	7.62	21' 5"	6.53	62	28
211339	28' 7"	8.70	25' 0"	7.62	72	33
211307	32' 1"	9.78	28' 7"	8.70	81	37
211314	35' 8"	10.87	32' 1"	9.78	91	41
211308	40' 1"	12.22	35' 8"	10.87	101	46
211315	43' 8"	13.31	40' 1"	12.22	120	54
211309	48' 1"	14.66	43' 8"	13.31	131	59
211316	51' 5"	15.68	48' 1"	14.66	140	64
211310	57' 0"	17.37	51' 5"	15.68	150	68
211313	60' 7"	18.45	57' 0"	17.37	160	73
211311	64' 1"	19.54	60' 7"	18.45	170	77
211458	67' 8"	20.62	64' 1"	19.54	180	82
211459	71' 3"	21.71	67' 8"	20.62	189	86
211460	74' 9"	22.79	71' 3"	21.71	199	90
211811	78' 4"	23.87	74' 9"	22.79	209	95
211461	81' 11"	24.96	78' 4"	23.87	218	99
211946	85' 5"	26.04	81' 11"	24.96	228	103
211943	89' 0"	27.12	85' 5"	26.04	238	108

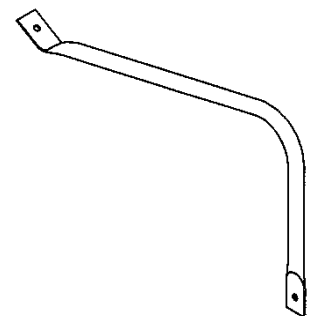
Inside ladder packages cannot be equipped with safety cage or safety rest platforms.
SCAFCO recommends use of safety belts with inside ladders (available from other suppliers).



Single Ladder Section



Safety Cage Section



Hand Loop

Ladder Components

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
214790	42-2/3" (1084 mm) Ladder Assembly	7	4
215206	Angle Ladder Mount Bracket (Replaces 214513)	1	.50
214455	Safety Cage Hoops	7	3
214660	Safety Cage Entrance Hoop Extension (2 required)	1	.50
214456	Safety Cage Bars (7 per section)	1.4	.64
211115	Rest Platform	112	51
214714	Hand Loops (2 Required) Field Attach to Bin/Silo Roof	2	.67
214819	3" Inside Ladder Mount Brackets	.60	.25
214460	Ladder Rail Extension	5.0	2.3
214461	Safety Cage Stabilizer Bar	1.2	0.54

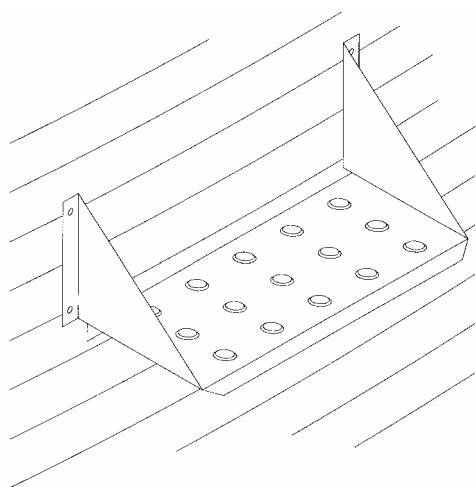
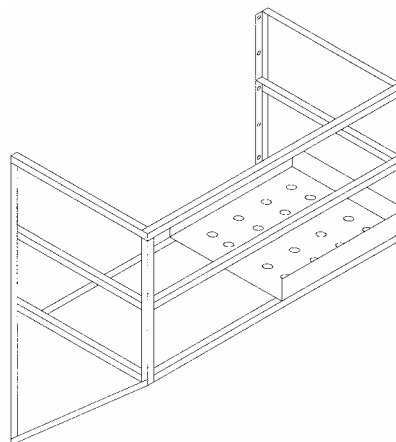
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Safety Rest Platform

Comes complete with mounting brackets and hardware. Must be used if bin/silo eave height exceeds 9.14 m (30'). Meets U.S. O.S.H.A. Safety Requirements. Also may be used as an entrance platform for access door. Handrails are 1070 mm (42") in height; perforated platform is 710 mm x 910 mm (28" x 42") with toe plates; and opening is also 710 mm x 910 mm (28" x 42").

PART NUMBER	WEIGHT (lb)	WEIGHT (kg)
211115	112	51



Grain Bin/Silo Step

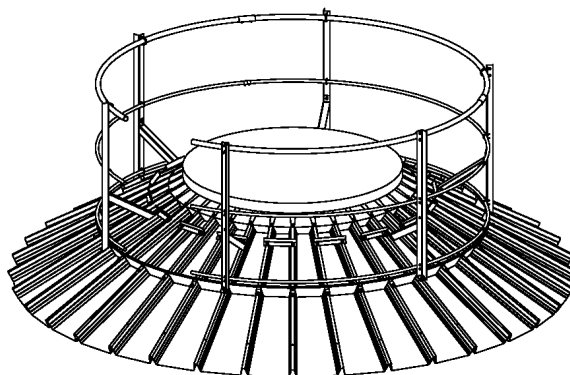
For use with any Raised Door.

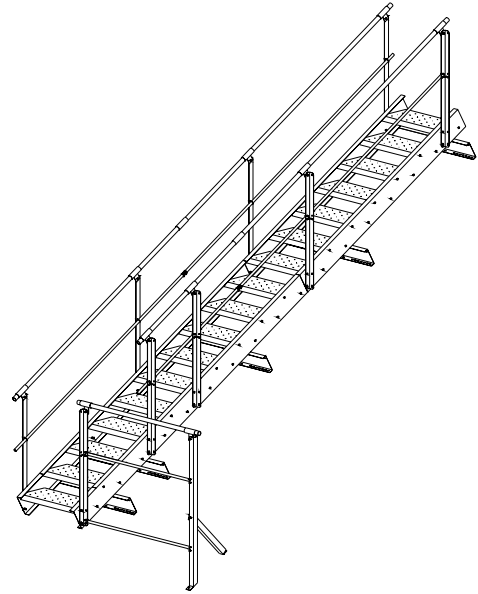
PART NUMBER	DIMENSIONS	WEIGHT (lb)	WEIGHT (kg)
214798	18.5" (470 mm) Wide x 7" (180 mm) Deep	7	3.2

Top Cap Hand Rail Packages

Round-shaped with one side open for entry. Includes galvanized steel hand rails, toe boards and posts, 42" (1070 mm) high. Field assembly required.

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
218290	Top Cap Hand Rail Package for 12' – 24' dia. Roofs w/ 26" Roof Cap	105	48
211750	Top Cap Hand Rail Package for 27' – 105' dia. Roofs w/ 42.25" Roof Cap	132	60
211750-60	Top Cap Hand Rail Package for 27' – 105' dia. Roofs w/ 66.25" Roof Cap	144	65





Roof Stairway Packages

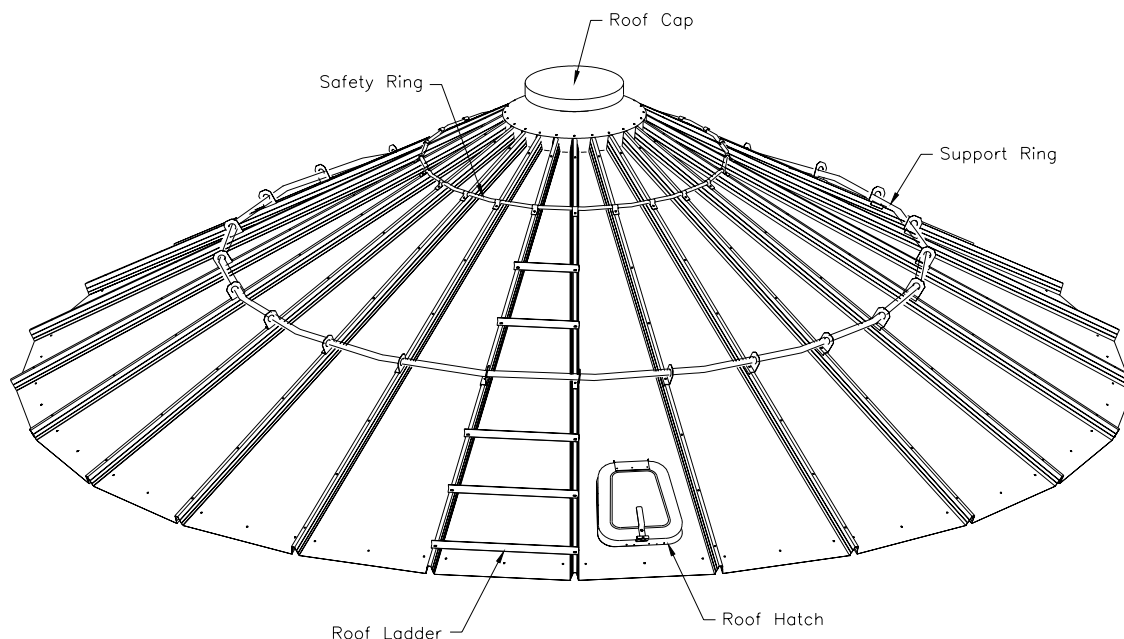
Includes galvanized stair beams and brackets, non-skid stair treads, hand rails and posts from eave to center fill cap and surrounding the inspection hatch at the eave to provide safe access to these areas. The railings provide a 24" (610 mm) clear width walkway with handrail 32" (810 mm) above treads. Hardware included. Some field cutting, drilling and assembly are required.

PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	LENGTH FEET	LENGTH METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
211699	12	3.66	5	1.52	198	90
211700	15	4.57	8	2.44	233	106
211701	18	5.49	9	2.74	264	120
211702	21	6.40	11	3.35	312	142
211703	24	7.32	12	3.66	329	149
211704	27	8.23	13	3.96	387	176
211705	30	9.14	15	4.57	440	200
211706	33	10.06	17	5.18	473	215
211707	36	10.97	18	5.49	499	226
211708	39	11.89	21	6.40	544	247
211709	42	12.80	22	6.71	561	254
211710	48	14.63	25	7.62	681	309
211711	54	16.46	29	8.84	739	335
211712	60	18.29	32	9.75	820	372
211713	72	21.95	39	11.89	970	440
211990	75	22.88	41	12.50	1,024	464
211714	78	23.77	43	13.11	1,064	483
211715	90	27.43	50	15.24	1,216	552
211716	105	32.00	58	17.68	1,427	647
211786	End Closure with EMT Conduit and U-Bolts				6	2.8

Roof Safety Ring/Roof Support Ring

Roof Safety Ring				
Comes complete with mounting brackets and required hardware.				
ASSEMBLY NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	WEIGHT (lb)	WEIGHT (kg)
211557	12 - 24	3.66 - 7.32	15	7
211421	27 - 48	8.23 - 14.63	20	9

Roof Safety Ring In Lieu of Safety Steps (When ordered with a Grain Bin/Silo)				
Comes complete with mounting brackets and required hardware.				
ASSEMBLY NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	WEIGHT (lb)	WEIGHT (kg)
211557R	12 - 24	3.66 - 7.32	15	7
211421R	27 - 48	8.23 - 14.63	20	9



Roof Support Ring				
Use roof support ring on all roofs with temperature cables. Also use in high wind areas. Comes complete with mounting brackets and required hardware. Standard on 39' (11.89 m) and 42' (12.80 m) bins/silos.				
ASSEMBLY NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	WEIGHT (lb)	WEIGHT (kg)
218260	12	3.66	69	31
211837	15, 18	4.57, 5.49	93	42
211558	21	6.40	105	48
211559	24	7.32	129	59
211491	27	8.23	139	63
211492	30	9.14	163	74
211248	33, 36, 39	10.06, 10.97, 11.89	174	79
211762	42	12.80	200	91

Roof Reinforcing Ribs

For use with temperature cables. Use one reinforcing rib for each temperature cable. Reinforcing ribs are standard on 39' (11.89 m) and 40' (12.80 m) bins/silos. Also use roof support ring as above for temperature cables.

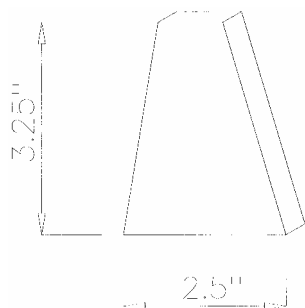
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	WEIGHT (lb)	WEIGHT (kg)
215536	12	3.66	6	2.5
215535	15	4.57	7	3.3
214774	18	5.49	9	4.0
214773	21	6.40	10	4.7
214709	24	7.32	12	5.5
214710	27	8.23	12	5.5
214711	30	9.14	14	6.2
214712	33	10.06	15	6.9
214713	36	10.97	17	7.7
214694	39	11.89	20	9.2
214567	42	12.80	22	9.9

Temperature Cable Brackets

If using an OPI system, use the "-OPI".

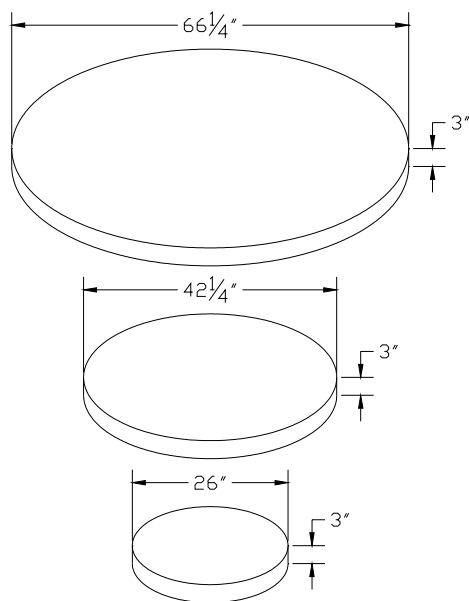
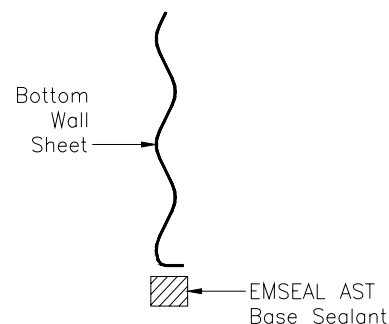
PART NUMBER	WHEN TO USE WHICH BRACKET	WEIGHT (lb)	WEIGHT (kg)
215493	Use on 15' - 42' (4.57 m – 12.80 m) Dia.	3.6	1.6
215493-OPI	Use on 15' - 42' (4.57 m – 12.80 m) Dia.	3.6	1.6
214908	Use on "C" Style rafters – & old style "Z" rafters	2.0	0.9
214908-OPI	Use on "C" Style rafters – & old style "Z" rafters	2.0	0.9
210389	Use on "Double C" rafters – old style	2.5	1.2
210389-OPI	Use on "Double C" rafters – old style	3.3	1.5
211833	27' – 33' (8.23 m – 10.06 m) Dia. 64'+ (19.54 m+) Eave	7.0	2
211834	36' – 42' (10.97 m – 12.80 m) Dia. 64'+ (19.54 m+) Eave	10	4.6

Grain Bin/Silo Eave Seal	
Optional neoprene gasket sealer strip for use as grain bin/silo eave seal or under roof cap.	
PART NUMBER	WEIGHT (lb/kg)
290177	.11 lb/ft. - .05 kg/ft.



Roof Rib Clip Sealing Blocks	
PART NUMBER	WEIGHT (lb/kg)
290396	.11 lb/.05 kg
Roof Rib Clip Sealing Block Adhesive	
298049	.11 lb/.05 kg
Glue sealing blocks to rib clip for sealing against air penetration. One 16-1/2 oz. spray can of adhesive is enough to do 72 rib clips.	

Base Sealant					
PART NUMBER	DESCRIPTION			WEIGHT (lb/kg)	
290966	3/4" x 1" x 19.5' Long (19 mm x 25 mm x 5.94M) EMSEAL AST Base Sealant			1 lb/.5 kg	
Place EMSEAL under bottom sheet before setting bin/silo on concrete.					
Bin Dia.	Rolls Per Bin	Bin Dia.	Rolls Per Bin	Bin Dia.	Rolls Per Bin
12	2	30	5	54	9
15	3	33	6	60	10
18	3	36	6	72	12
21	4	39	7	75	13
24	4	42	7	78	13
27	5	48	8	90	15
				105	17



Heavy Duty Roof Cap		
PART NUMBER	DESCRIPTION	WEIGHT (lb/kg)
210486	Large diameter 66 1/4" (1683 mm) heavy duty 12 gauge (2.59 mm) cap, galvanized. Optional.	123 lb/56 kg
211375HD	Large diameter 42 1/4" (1073 mm) heavy duty 12 gauge (2.59 mm) welded cap, galvanized. For 27' (8.23 m) diameter and larger bins/silos. Field installed. Hardware included.	59 lb/27 kg
211375HDR	Heavy duty welded cap in lieu of standard roof cap.	+24 lb/11 kg
210001HD	Small diameter 26" (660 mm) heavy duty 12 gauge (2.59 mm) cap, galvanized. For 6' thru 24' (1.83 m thru 7.32 m) diameter bins/silos. Field installed. Hardware included.	34 lb/16 kg
210001HDR	Heavy duty welded cap in lieu of standard roof cap.	+7 lb/3.2 kg

Giant Bin/Silo Door

THIS GIANT ACCESS DOOR IS DESIGNED TO ACCOMMODATE ENTRY TO STIFFENED BINS/SILOS BY SKID-STEER LOADERS. SHOP WELDED HEAVY-DUTY FRAME IS READY TO BOLT TO THE BIN/SILO WALL AND SUPPORTS STIFFENERS ABOVE THE DOOR. CERTIFIED DESIGN CALCULATIONS AVAILABLE UPON REQUEST. GUARANTEED FOR BINS/SILOS THROUGH 105' (32.00M).

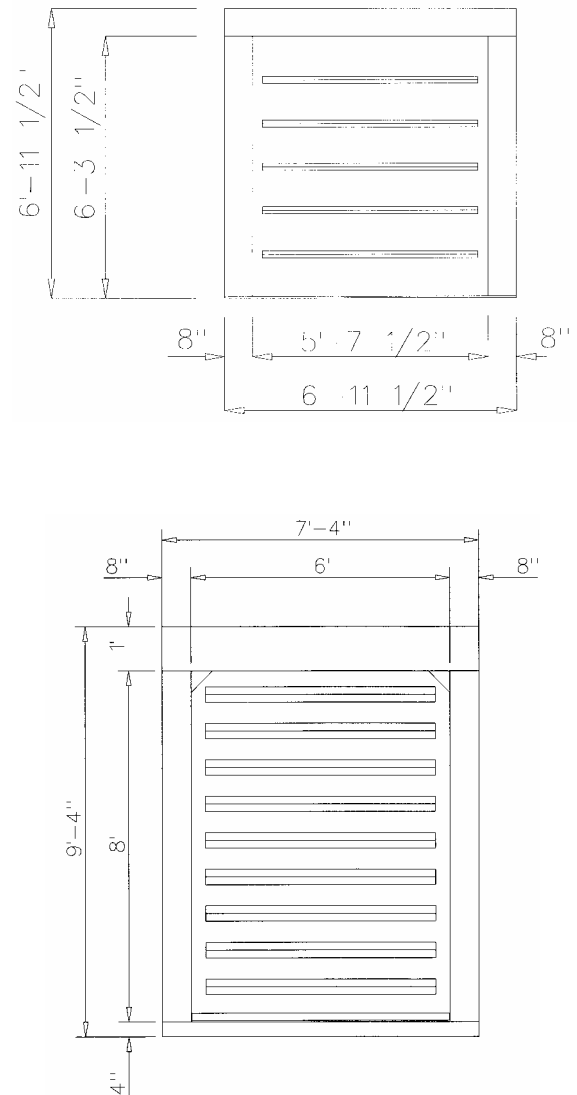
GIANT ACCESS DOOR 6' 3 1/2" HIGH X 5' 7 1/2" Wide (1.92 m X 1.72 m). NON-STOCK ITEM- ALLOW ADEQUATE MANUFACTURING TIME.

PART NUMBER	BIN/SILO DIA. FEET	BIN/SILO DIA. METERS	WEIGHT (lb)	WEIGHT (kg)
211195	42	12.80	2,257	1,025
211366	48	14.63	2,257	1,025
211494	54	16.46	2,257	1,025
211165	60	18.29	2,257	1,025
211367	72	21.95	2,390	1,085
211495	78	23.77	2,390	1,085
211365	90	27.43	2,390	1,085
211374	105	32.00	2,510	1,139

GIANT ACCESS DOOR 8' 0" HIGH X 6' 0" Wide (2.44 m X 1.83 m). NON-STOCK ITEM - ALLOW ADEQUATE MANUFACTURING TIME.

PART NUMBER	BIN/SILO DIA. FEET	BIN/SILO DIA. METERS	WEIGHT (lb)	WEIGHT (kg)
211969	42	12.80	4,000	1,816
211970	48	14.63	4,000	1,816
211971	54	16.46	4,000	1,816
211972	60	18.29	4,000	1,816
211973	72	21.95	4,000	1,816
211974	78	23.77	4,000	1,816
211975	90	27.43	4,000	1,816

Giant Door Dimensions



Doors

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
211157R	Walk-in Door Assembly (Field Located) (Auger Hood optional), 28" x 60" (711 mm x 1,524 mm)	243	111
214387	Auger Hood (Available for standard Walk-In Door)	13	6
211775	Heavy Duty Walk-In Door Assembly, 28" x 60" (711 mm x 1,524 mm) (For Stiffened Bin/Silo)	379	172
211803	23-1/2" x 26" x 1/4" (597 mm x 660 mm x 6.35 mm) Heavy-duty Access Door, <u>Shop Welded</u> Into Wall Sheet Complete With Hinged Inner & Outer Door Panels, 3 gauge Angle Iron Frame and Hardware. Wall Sheet gauge to be determined by SCAFCO. Cost of Wall Sheet not included.	270	123
214082	Corrugated Filler Strips x 40 3/4" (1,035 mm) Long Each	0.1	0.05

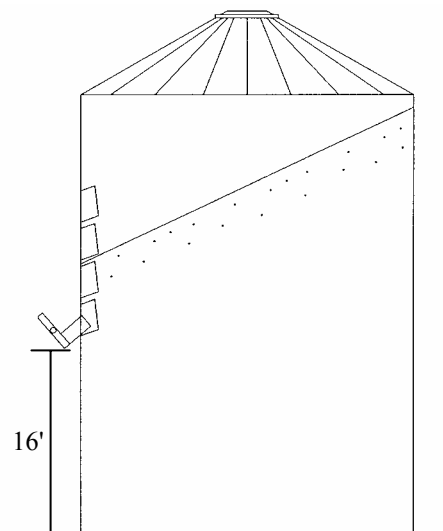
Single Wind Ring Packages

PART NUMBER	BIN/SILO SIZE-FEET	BIN/SILO SIZE-METERS	WEIGHT (lb)	WEIGHT (kg)
211593	15	4.57	157	72
211795	18	5.49	186	85
211563	21	6.40	197	90
211564	24	7.32	229	104
211565	27	8.23	259	118
211566	30	9.14	290	132
211567	33	10.06	319	145
211568	36	10.97	351	160
211569	39	11.89	380	173
211570	42	12.80	415	189
211571	48	14.63	455	207
211572	54	16.46	517	235
211560	60	18.29	578	263
211561	72	21.95	702	319
218133	75	22.86	733	333
211573	78	23.77	744	338
211574	90	27.43	867	394
211890	105	32.03	998	453

Wind Ring Packages are required on all grain bins/silos 72' (21.95 m) diameter and larger, and wall height above 64' (19.51 m), using Side Discharge Systems. The number of complete wind rings per bin/silo varies with bin/silo diameter and height. See chart for wind ring requirements.

Wind Ring Package includes 2-3/8" (60 mm) O.D. tubing 21' (6400 mm) long, rolled to a specific bin/silo radius, attachment clips to vertical stiffeners, tubing splices and fasteners. The last piece of tubing requires a field cut. For Internal Wind Ring Packages, each splice is located on the attachment clip.

Side Discharge Kits			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
211277	32' (9.75 m) Eave Height – 4 Flumes	301	137
211856	36' (10.98 m) Eave Height – 6 Flumes	405	184
211278	40' (12.19 m) Eave Height – 7 Flumes	456	207
211854	44' (13.41 m) Eave Height – 9 Flumes	560	254
211279	48' (14.63 m) Eave Height – 10 Flumes	610	277
211891	52' (15.85 m) Eave Height – 12 Flumes	714	324
211280	57' (17.37 m) Eave Height – 14 Flumes	817	371
211325	61' (18.59 m) Eave Height – 15 Flumes	869	394
211281	64' (19.51 m) Eave Height – 17 Flumes	972	441
211472	68' (20.73 m) Eave Height – 18 Flumes	1,024	465
211473	71' (21.64 m) Eave Height – 19 Flumes	1,076	488
211474	75' (22.86 m) Eave Height – 21 Flumes	1,179	535
211888	78' (23.77 m) Eave Height – 22 Flumes	1,230	558
211889	81' (24.69 m) Eave Height – 23 Flumes	1,282	582
218315	85' (26.04 m) Eave Height – 24 Flumes	1,334	606
214428	Side Draw Flume - Separate	51	24
211466	Side Draw Outlet Flume - Separate	86	39
222018	Rack & Pinion Roller Gate	45	21
222018CCW	Rack & Pinion Roller Gate Complete With Chain Wheel & Chain	74	34



PURPOSE: Properly installed, permits side discharge in large bins/silos through 105' (32.00 m) diameter. For use with free flowing grains only.

SPECIFICATIONS: The galvanized flumes (15" x 20" x 25" [380 mm x 510 mm x 630 mm]) must be installed in exact vertical alignment 32" (810 mm) o.c. on inside of the bin/silo wall. A 16" (410 mm) long x 12" (300 mm) square discharge spout is bolted to the bin/silo wall outside the bottom flume, extending through a field-cut opening in the bin/silo wall sheet.

The discharge spout will end with a 16" (410 mm) O.D. square flange punched for attachment to a SCAFCO 12" (300 mm) rack & pinion roller gate (optional) or other gates. Additional spouting (if required) by contractor.

Two side discharge systems may be installed in a single bin/silo. They may be located opposite each other, at 90° intervals, or between adjacent stiffeners.

Side Discharge Bushel Capacities

BIN/SILO DATA			CAPACITIES			BIN/SILO DATA			CAPACITIES		
MODEL NUMBER	* STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	SIDE DISCHARGE BUSHELS REMOVED	BUSHELS REMAINING	MODEL NUMBER	* STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	SIDE DISCHARGE BUSHELS REMOVED	BUSHELS REMAINING
1532S	0	0	4,921	1,879	3,042	2471S	1	0	27,805	19,077	8,728
1536S	0	0	5,445	2,403	3,042	2475S	2	0	29,155	20,427	8,728
1540S	0	0	6,101	3,059	3,042	2478S	3	0	30,505	21,776	8,728
1544S	0	0	6,626	3,584	3,042	2481S	3	0	31,855	23,126	8,728
1548S	0	0	7,249	4,207	3,042	2732S	0	0	16,605	5,123	11,482
1552S	0	0	7,774	4,732	3,042	2736S	0	0	18,322	6,840	11,482
1557S	0	1	8,594	5,552	3,042	2740S	0	0	20,467	8,985	11,482
1561S	0	1	9,119	6,077	3,042	2744S	0	0	22,184	10,701	11,482
1564S	1	0	9,643	6,601	3,042	2748S	0	0	24,222	12,740	11,482
1832S	0	0	7,142	2,593	4,549	2752S	0	0	25,938	14,456	11,482
1836S	0	0	7,898	3,348	4,549	2757S	0	1	28,620	17,138	11,482
1840S	0	0	8,842	4,293	4,549	2761S	0	1	30,336	18,854	11,482
1844S	0	0	9,598	5,049	4,549	2764S	1	0	32,053	20,571	11,482
1848S	0	0	10,495	5,946	4,549	2768S	1	0	33,769	22,287	11,482
1852S	0	0	11,251	6,701	4,549	2771S	1	0	35,486	24,003	11,482
1857S	0	1	12,431	7,882	4,549	2775S	2	0	37,202	25,720	11,482
1861S	0	1	13,187	8,638	4,549	2778S	3	0	38,918	27,436	11,482
1864S	1	0	13,943	9,393	4,549	2781S	3	0	40,635	29,152	11,482
1868S	1	0	14,698	10,149	4,549	3032S	0	0	20,756	6,038	14,717
1871S	1	0	15,454	10,905	4,549	3036S	0	0	22,885	8,167	14,717
1875S	2	0	16,210	11,660	4,549	3040S	0	0	25,546	10,828	14,717
1878S	3	0	16,965	12,416	4,549	3044S	0	0	27,675	12,957	14,717
1881S	3	0	17,721	13,172	4,549	3048S	0	0	30,203	15,485	14,717
2132S	0	0	9,798	3,376	6,422	3052S	0	0	32,332	17,614	14,717
2136S	0	0	10,826	4,405	6,422	3057S	0	1	35,658	20,941	14,717
2140S	0	0	12,112	5,690	6,422	3061S	0	1	37,787	23,070	14,717
2144S	0	0	13,140	6,719	6,422	3064S	1	0	39,916	25,199	14,717
2148S	0	0	14,361	7,940	6,422	3068S	1	0	42,045	27,328	14,717
2152S	0	0	15,390	8,968	6,422	3071S	1	0	44,174	29,457	14,717
2157S	0	1	16,997	10,576	6,422	3075S	2	0	46,303	31,586	14,717
2161S	0	1	18,026	11,604	6,422	3078S	3	0	48,432	33,715	14,717
2164S	1	1	19,054	12,633	6,422	3081S	3	0	50,561	35,844	14,717
2168S	1	0	20,083	13,661	6,422	3332S	0	0	25,306	6,923	18,383
2171S	1	0	21,111	14,690	6,422	3336S	0	0	27,882	9,499	18,383
2175S	2	0	22,140	15,718	6,422	3340S	0	0	31,102	12,719	18,383
2178S	3	0	23,168	16,747	6,422	3344S	0	0	33,678	15,295	18,383
2181S	3	0	24,197	17,775	6,422	3348S	0	0	36,737	18,354	18,383
2432S	0	0	12,958	4,230	8,728	3352S	0	0	39,313	20,930	18,383
2436S	0	0	14,308	5,579	8,728	3357S	0	1	43,338	24,955	18,383
2440S	0	0	15,995	7,267	8,728	3361S	0	1	45,914	27,531	18,383
2444S	0	0	17,345	8,616	8,728	3364S	1	0	48,490	30,107	18,383
2448S	0	0	18,948	10,219	8,728	3368S	1	0	51,066	32,684	18,383
2452S	0	0	20,297	11,569	8,728	3371S	1	0	53,642	35,260	18,383
2457S	0	1	22,406	13,678	8,728	3375S	2	0	56,219	37,836	18,383
2461S	0	1	23,756	15,028	8,728	3378S	3	0	58,795	40,412	18,383
2464S	1	0	25,106	16,377	8,728	3381S	3	0	61,371	42,988	18,383
2468S	1	0	26,456	17,727	8,728	3385S	3	0	63,947	45,564	18,383

Side Discharge Bushel Capacities											
BIN/SILO DATA			CAPACITIES			BIN/SILO DATA			CAPACITIES		
MODEL NUMBER	STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	BUSHELS REMOVED	BUSHELS REMAINING	MODEL NUMBER	STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	BUSHELS REMOVED	BUSHELS REMAINING
3632S	0	0	30,487	7,819	22,667	4857S	0	1	94,158	48,973	45,184
3636S	0	0	33,567	10,900	22,667	4861S	0	1	99,633	54,449	45,184
3640S	0	0	37,417	14,750	22,667	4864S	1	0	105,109	59,925	45,184
3644S	0	0	40,497	17,830	22,667	4868S	1	0	110,585	65,401	45,184
3648S	0	0	44,155	21,487	22,667	4871S	1	0	116,061	70,876	45,184
3652S	0	0	47,235	24,568	22,667	4875S	2	0	121,536	76,352	45,184
3657S	0	1	52,047	29,380	22,667	4878S	3	0	127,012	81,828	45,184
3661S	0	1	55,127	32,460	22,667	4881S	3	0	132,488	87,304	45,184
3664S	1	0	58,208	35,540	22,667	5432S	0	0	71,688	11,408	60,279
3668S	1	0	61,288	38,621	22,667	5436S	0	0	78,618	18,339	60,279
3671S	1	0	64,368	41,701	22,667	5440S	0	0	87,281	27,001	60,279
3675S	2	0	67,448	44,781	22,667	5444S	0	0	94,211	33,932	60,279
3678S	3	0	70,528	47,861	22,667	5448S	0	1	102,874	42,594	60,279
3681S	3	0	73,608	50,941	22,667	5452S	0	1	109,804	49,525	60,279
3932S	0	0	36,048	8,639	27,409	5457S	0	1	120,199	59,920	60,279
3936S	0	0	39,663	12,254	27,409	5461S	0	2	127,129	66,850	60,279
3940S	0	0	44,182	16,773	27,409	5464S	1	1	134,060	73,781	60,279
3944S	0	0	47,797	20,388	27,409	5468S	1	1	140,990	80,711	60,279
3948S	0	0	52,089	24,680	27,409	5471S	1	1	147,920	87,641	60,279
3952S	0	0	55,704	28,295	27,409	5475S	2	0	154,850	94,571	60,279
3957S	0	1	61,352	33,943	27,409	5478S	3	0	161,781	101,502	60,279
3961S	0	1	64,967	37,558	27,409	5481S	3	0	168,711	108,432	60,279
3964S	1	0	68,582	41,173	27,409	6021S	0	0	64,108	---	---
3968S	1	0	72,197	44,788	27,409	6025S	0	0	72,664	---	---
3971S	1	0	75,812	48,403	27,409	6032S	0	0	89,776	11,539	78,237
3975S	2	0	79,426	52,017	27,409	6036S	0	0	98,332	20,095	78,237
3978S	3	0	83,041	55,632	27,409	6040S	0	0	109,026	30,790	78,237
3981S	3	0	86,656	59,247	27,409	6044S	0	0	117,582	39,345	78,237
4232S	0	0	42,119	9,396	32,723	6048S	0	1	128,277	50,040	78,237
4236S	0	0	46,312	13,588	32,723	6052S	0	1	136,833	58,596	78,237
4240S	0	0	51,552	18,829	32,723	6057S	0	1	149,667	71,430	78,237
4244S	0	0	55,744	23,021	32,723	6061S	0	1	158,223	79,986	78,237
4248S	0	0	60,723	28,000	32,723	6064S	1	1	166,779	88,542	78,237
4252S	0	1	64,915	32,192	32,723	6068S	1	1	175,334	97,098	78,237
4257S	0	1	71,466	38,742	32,723	6071S	1	1	183,890	105,653	78,237
4261S	0	1	75,658	42,935	32,723	6075S	2	2	192,446	114,209	78,237
4264S	1	0	79,851	47,127	32,723	6078S	3	1	201,002	122,765	78,237
4268S	1	0	84,023	51,320	32,723	6081S	3	1	209,558	131,321	78,237
4271S	1	0	88,235	55,512	32,723	7232S	0	0	132,943	9,285	123,657
4275S	2	0	92,428	59,704	32,723	7236S	0	0	145,263	21,606	123,657
4278S	3	0	96,620	63,897	32,723	7240S	0	1	160,664	37,006	123,657
4281S	3	0	100,812	68,089	32,723	7244S	0	1	172,984	49,327	123,657
4832S	0	0	55,827	10,643	45,184	7248S	0	1	188,385	64,727	123,657
4836S	0	0	61,303	16,119	45,184	7252S	0	2	200,705	77,048	123,657
4840S	0	0	68,148	22,964	45,184	7257S	0	2	219,186	95,528	123,657
4844S	0	0	73,624	28,439	45,184	7261S	0	2	231,506	107,849	123,657
4848S	0	0	80,126	34,942	45,184	7264S	1	1	243,826	120,169	123,657
4852S	0	1	85,602	40,417	45,184	7268S	1	2	256,147	132,490	123,657

* Standard number of wind rings included with bin/silo

** Additional wind rings required for side discharge

Prices and specifications subject to change without notice.

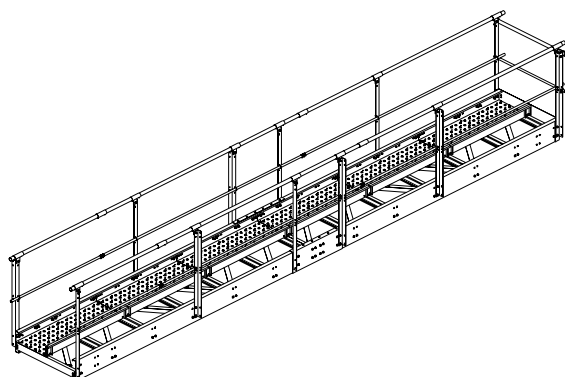
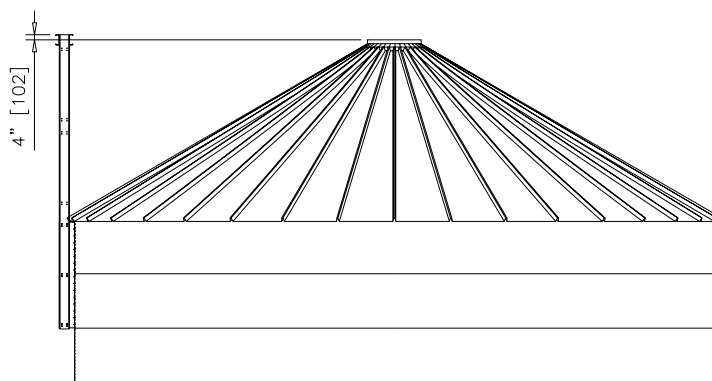
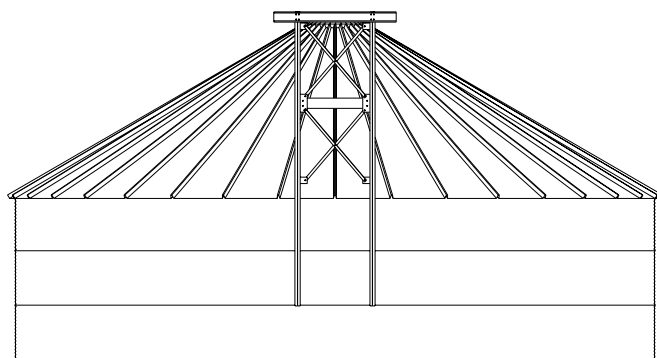
Effective Date April 15, 2003

Side Discharge Bushel Capacities											
BIN/SILO DATA			CAPACITIES			BIN/SILO DATA			CAPACITIES		
MODEL NUMBER	* STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	SIDE DISCHARGE BUSHELS REMOVED	BUSHELS REMAINING	MODEL NUMBER	* STD. W/R	** ADD W/R	TOTAL BUSHELS CAPACITY	SIDE DISCHARGE BUSHELS REMOVED	BUSHELS REMAINING
7271S	1	2	268,467	144,810	123,657	7878S	4	1	346,146	194,568	151,578
7275S	2	1	280,788	157,130	123,657	7881S	4	1	360,605	209,027	151,578
7278S	3	1	293,108	169,451	123,657	9032S	0	0	216,314	---	---
7281S	3	1	305,429	181,771	123,657	9036S	0	1	235,564	16,577	218,987
7532S	0	0	145,246	8,087	137,160	9040S	0	1	259,628	40,641	218,987
7536S	0	0	158,615	21,455	137,160	9044S	0	1	278,878	59,891	218,987
7540S	0	1	175,325	38,166	137,160	9048S	0	1	302,942	83,955	218,987
7544S	0	1	188,694	51,534	137,160	9052S	0	1	322,192	103,205	218,987
7548S	0	1	205,405	68,245	137,160	9057S	0	2	351,068	132,081	218,987
7552S	0	2	218,773	81,613	137,160	9061S	0	2	370,319	151,332	218,987
7557S	0	2	238,826	101,666	137,160	9064S	2	1	389,570	170,583	218,987
7561S	0	2	252,194	115,035	137,160	9068S	2	1	408,820	189,833	218,987
7564S	2	0	265,563	128,403	137,160	9071S	2	2	428,071	209,084	218,987
7568S	2	1	278,932	141,772	137,160	9075S	3	1	447,322	228,335	218,987
7571S	2	1	292,300	155,140	137,160	9078S	4	1	466,572	247,585	218,987
7575S	3	0	305,669	168,509	137,160	9081S	4	1	485,823	266,836	218,987
7578S	4	1	319,037	181,877	137,160	10532S	0	0	304,171	---	---
7581S	4	1	332,406	195,246	137,160	10536S	0	0	330,373	3,075	327,298
7832S	0	0	158,174	6,596	151,578	10540S	0	0	363,126	35,828	327,298
7836S	0	0	172,633	21,055	151,578	10544S	0	1	389,329	62,030	327,298
7840S	0	1	190,707	39,129	151,578	10548S	0	1	422,081	94,783	327,298
7844S	0	1	205,167	53,589	151,578	10552S	0	1	448,284	120,986	327,298
7848S	0	1	223,241	71,663	151,578	10557S	0	2	487,587	160,289	327,298
7852S	0	2	237,700	86,122	151,578	10561S	0	2	513,790	186,491	327,298
7857S	0	2	259,390	107,811	151,578	10564S	2	1	539,992	212,694	327,298
7861S	0	2	273,849	122,271	151,578	10568S	2	1	566,194	238,896	327,298
7864S	2	0	288,308	136,730	151,578	10571S	2	1	592,396	265,098	327,298
7868S	2	1	302,768	151,190	151,578	10575S	3	1	618,599	291,301	327,298
7871S	2	1	317,227	165,649	151,578	10578S	4	1	644,801	317,503	327,298
7875S	3	0	331,687	180,108	151,578	10581S	4	1	671,003	343,705	327,298

Galvanized Structural Catwalk Supports

PART NUMBER	BIN DIAMETER FEET	BIN DIAMETER METERS	SUPPORT RISE FEET	SUPPORT RISE METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
211682	12	3.66	3.90	1.19	287	131
211683	15	4.57	4.76	1.45	293	133
211684	18	5.49	5.63	1.72	304	138
211685	21	6.40	6.49	1.98	315	143
211686	24	7.32	7.35	2.24	342	156
211687	27	8.23	7.64	2.33	370	168
211688	30	9.14	8.50	2.59	388	176
211689	33	10.06	9.36	2.85	418	190
211690	36	10.97	10.22	3.12	448	204
211691	39	11.89	11.08	3.38	478	217
211692	42	12.80	11.94	3.64	480	218
211693	48	14.63	13.98	4.26	502	228
211694	54	16.46	15.71	4.79	544	247
211695	60	18.29	17.43	5.31	624	283
*211696	72	21.95	20.87	6.36	1,181	536
*218052	75	22.86	21.74	6.63	1,267	575
*211697	78	23.77	22.60	6.89	1,352	614
*211698	90	27.43	26.04	7.94	1,419	644
*211719	105	32.00	30.35	9.25	1,586	720
211847	PAIR CATWALK SUPPORT CHANNELS OVER CENTER PEAK CAP (33' (10.06 m) & LARGER DIA. BINS/SILOS)				29	14

*INDICATES KNEE BRACE WITH EACH SUPPORT

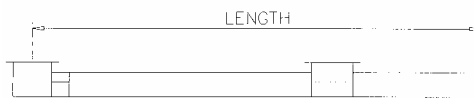


All Galvanized Bolt Together Catwalks

All Galvanized Bolt Together Catwalks are available in a variety of models from SCAFCO Corporation. For prices and specifications please contact SCAFCO's Grain Systems Sales Department.

Mailing Address	Phone Numbers	Internet
SCAFCO Corporation P.O. Box 11215 Spokane, WA 99211-1215	Toll Free: (800) 224-0676 Phone: (509) 535-1571 Fax: (509) 535-9130	Web: www.scafco.com E-mail: mail@scafco.com

Pre-Assembled Unloading Bin Tube & Well Kits Complete With Control Rods



6" Unloading Systems for Drying Floors

6" Diameter Systems with Pull Slide Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2506121FGD	12	3.66	8' 7-7/16"	2.63	8' 9"	2.67	0	60	27
2506151FGD	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	0	90	41
2506152FGD	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	1	116	53
2506181FGD	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	0	96	44
2506182FGD	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	1	122	55
2506211FGD	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	0	100	45
2506212FGD	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	1	126	57
2506241FGD	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	0	107	49
2506242FGD	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	1	133	60
2506272FGD	27	8.23	16' 1-7/16"	4.91	16' 3"	4.95	1	141	64
2506302FGD	30	9.14	18' 1-7/16"	5.52	18' 3"	5.56	1	150	68
2506332FGD	33	10.06	19' 1-7/16"	5.83	19' 3"	5.87	1	158	72
2506362FGD	36	10.97	20' 4-7/16"	6.21	8' 9" + 11' 9"	2.67 + 3.58	1	163	74

6" Diameter Systems with Pull Roller Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (lb)
2506121FGRD	12	3.66	8' 7-7/16"	2.63	8' 9"	2.67	1	92	42
2506151FGRD	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	0	92	42
2506152FGRD	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	1	120	54
2506181FGRD	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	0	98	44
2506182FGRD	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	1	126	57
2506211FGRD	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	0	102	46
2506212FGRD	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	1	130	59
2506241FGRD	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	0	109	49
2506242FGRD	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	1	137	62
2506272FGRD	27	8.23	16' 1-7/16"	4.91	16' 3"	4.95	1	145	66
2506302FGRD	30	9.14	18' 1-7/16"	5.52	18' 3"	5.56	1	154	70
2506332FGRD	33	10.06	19' 1-7/16"	5.83	19' 3"	5.87	1	162	73
2506362FGRD	36	10.97	20' 4-7/16"	6.21	8' 9" + 11' 9"	2.67 + 3.58	1	167	76

SPECIFICATIONS: Kit includes galvanized tube, angle ring with end cap, control rods and galvanized tubing over control rods. All systems use bin wells with full gates. Auger flights not included.

6" Unloading System for Concrete Floors

6" Diameter Systems with Push Slide Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2506121FGC	12	3.66	8' 7-7/16"	2.63	8' 9"	2.67	0	95	43
2506151FGC	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	0	106	48
2506152FGC	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	1	139	63
2506181FGC	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	0	114	52
2506182FGC	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	1	146	66
2506211FGC	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	0	118	54
2506212FGC	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	1	151	68
2506241FGC	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	0	127	58
2506242FGC	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	1	159	72
2506272FGC	27	8.23	16' 1-7/16"	4.91	16' 3"	4.95	1	167	76
2506302FGC	30	9.14	18' 1-7/16"	5.52	18' 3"	5.56	1	177	80
2506332FGC	33	10.06	19' 1-7/16"	5.83	19' 3"	5.87	1	185	84
2506362FGC	36	10.97	20' 4-7/16"	6.21	8' 9" + 11' 9"	2.67 + 3.58	1	192	87

6" Diameter Systems with Push Roller Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2506121FGRC	12	3.66	8' 7-7/16"	2.63	8' 9"	2.67	0	98	44
2506151FGRC	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	0	109	49
2506152FGRC	15	4.57	10' 7-7/16"	3.24	10' 9"	3.28	1	144	65
2506181FGRC	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	0	117	53
2506182FGRC	18	5.49	11' 7-7/16"	3.54	11' 9"	3.58	1	151	68
2506211FGRC	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	0	121	55
2506212FGRC	21	6.40	13' 1-7/16"	4.00	13' 3"	4.04	1	156	71
2506241FGRC	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	0	130	59
2506242FGRC	24	7.32	14' 7-7/16"	4.46	14' 9"	4.50	1	164	74
2506272FGRC	27	8.23	16' 1-7/16"	4.91	16' 3"	4.95	1	172	78
2506302FGRC	30	9.14	18' 1-7/16"	5.52	18' 3"	5.56	1	182	83
2506332FGRC	33	10.06	19' 1-7/16"	5.83	19' 3"	5.87	1	191	87
2506362FGRC	36	10.97	20' 4-7/16"	6.21	8' 9" + 11' 9"	2.67 + 3.58	1	197	89

SPECIFICATIONS: Kit includes galvanized tube, angle ring with end cap, control rods and galvanized tubing over control rods. All systems use bin wells with full gates. Auger flights not included.

8" Unloading Systems for Drying Floors

8" Diameter Systems with Pull Slide Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2508151FGD	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	0	112	51
2508152FGD	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	1	145	66
2508181FGD	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	0	118	54
2508182FGD	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	1	150	68
2508211FGD	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	0	126	57
2508212FGD	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	1	159	72
2508241FGD	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	0	140	64
2508242FGD	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	1	172	78
2508272FGD	27	8.23	16' - 1 7/16"	4.91	16' 4"	4.98	1	184	83
2508302FGD	30	9.14	18' - 1 7/16"	5.52	18' 4"	5.59	1	196	89
2508332FGD	33	10.06	19' - 1 7/16"	5.83	19' 4"	5.89	1	205	93
2508362FGD*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	1	214	97
2508363FGD*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	2	247	112
2508392FGD*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	1	229	104
2508393FGD*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	2	262	119
2508422FGD	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	1	237	108
2508423FGD	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	2	221	100
2508482FGD	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	1	261	118
2508483FGD	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	2	297	135

8" Diameter Systems with Pull Roller Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2508151FGRD	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	0	115	52
2508152FGRD	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	1	150	68
2508181FGRD	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	0	121	55
2508182FGRD	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	1	156	71
2508211FGRD	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	0	129	59
2508212FGRD	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	1	164	74
2508241FGRD	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	0	143	65
2508242FGRD	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	1	177	80
2508272FGRD	27	8.23	16' - 1 7/16"	4.91	16' 4"	4.98	1	189	86
2508302FGRD	30	9.14	18' - 1 7/16"	5.52	18' 4"	5.59	1	201	91
2508332FGRD	33	10.06	19' - 1 7/16"	5.83	19' 4"	5.89	1	211	96
2508362FGRD*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	1	219	99
2508363FGRD*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	2	254	115
2508392FGRD*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	1	234	106
2508393FGRD*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	2	269	122
2508422FGRD	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	1	243	110
2508423FGRD	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	2	278	126
2508482FGRD	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	1	266	121
2508483FGRD	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	2	305	138

SPECIFICATIONS: Kit includes galvanized tube, angle ring with end cap, control rods and galvanized tubing over control rods. All systems use bin wells with full gates. Auger flights not included.

8" Unloading Systems for Concrete Floors

8" Diameter Systems with Push Slide Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2508151FGC	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	0	131	59
2508152FGC	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	1	164	74
2508181FGC	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	0	137	62
2508182FGC	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	1	169	77
2508211FGC	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	0	145	66
2508212FGC	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	1	178	81
2508241FGC	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	0	159	72
2508242FGC	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	1	191	87
2508272FGC	27	8.23	16' - 1 7/16"	4.91	16' 4"	4.98	1	203	92
2508302FGC	30	9.14	18' - 1 7/16"	5.52	18' 4"	5.59	1	215	98
2508332FGC	33	10.06	19' - 1 7/16"	5.83	19' 4"	5.89	1	224	102
2508362FGC*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	1	233	106
2508363FGC*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	2	266	121
2508392FGC*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	1	248	112
2508393FGC*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	2	281	127
2508422FGC	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	1	256	116
2508423FGC	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	2	290	132
2508482FGC	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	1	280	127
2508483FGC	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	2	316	143

8" Diameter Systems with Push Roller Gates

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2508151FGRC	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	0	133	60
2508152FGRC	15	4.57	10' - 7 7/16"	3.24	10' 10"	3.30	1	168	76
2508181FGRC	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	0	139	63
2508182FGRC	18	5.49	11' - 7 7/16"	3.54	11' 10"	3.61	1	174	79
2508211FGRC	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	0	147	67
2508212FGRC	21	6.40	13' - 1 7/16"	4.00	13' 4"	4.06	1	182	83
2508241FGRC	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	0	161	73
2508242FGRC	24	7.32	14' - 7 7/16"	4.46	14' 10"	4.52	1	195	88
2508272FGRC	27	8.23	16' - 1 7/16"	4.91	16' 4"	4.98	1	207	94
2508302FGRC	30	9.14	18' - 1 7/16"	5.52	18' 4"	5.59	1	219	99
2508332FGRC	33	10.06	19' - 1 7/16"	5.83	19' 4"	5.89	1	229	104
2508362FGRC*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	1	237	108
2508363FGRC*	36	10.97	20' - 3 7/16"	6.18	20' 6"	6.25	2	272	123
2508392FGRC*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	1	252	114
2508393FGRC*	39	11.89	21' - 9 7/16"	6.64	22' 0"	6.71	2	287	130
2508422FGRC	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	1	261	118
2508423FGRC	42	12.80	23' - 5 7/16"	7.15	(2) 11' 10"	(2) 3.61	2	296	134
2508482FGRC	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	1	284	129
2508483FGRC	48	14.63	26' - 5 7/16"	8.06	(2) 13' 4"	(2) 4.06	2	323	147

SPECIFICATIONS: Kit includes galvanized tube, angle ring with end cap, control rods and galvanized tubing over control rods. All systems use bin wells with full gates. Auger flights not included.

* = Commercial Auger

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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10" Diameter Systems with Pull Slide Gates for Drying Floors

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2510241FGD	24	7.32	14' - 7 7/16"	4.46	15' 0"	4.57	0	240	109
2510242FGD	24	7.32	14' - 7 7/16"	4.46	15' 0"	4.57	1	276	125
2510272FGD	27	8.23	16' - 1 7/16"	4.91	16' 6"	5.03	1	296	134
2510302FGD	30	9.14	18' - 1 7/16"	5.52	18' 6"	5.64	1	331	150
2510332FGD	33	10.06	19' - 1 7/16"	5.83	19' 6"	5.94	1	346	157
2510362FGD*	36	10.97	20' - 1 7/16"	6.13	20' 6"	6.25	1	370	168
2510363FGD*	36	10.97	20' - 1 7/16"	6.13	20' 6"	6.25	2	410	186
2510392FGD*	39	11.89	21' - 7 7/16"	6.59	22' 0"	6.71	1	396	180
2510393FGD*	39	11.89	21' - 7 7/16"	6.59	22' 0"	6.71	2	438	199
2510422FGD	42	12.80	23' - 3 7/16"	7.10	(2) 11' 10"	(2) 3.61	1	428	194
2510423FGD	42	12.80	23' - 3 7/16"	7.10	(2) 11' 10"	(2) 3.61	2	472	214
2510482FGD	48	14.63	26' - 3 7/16"	8.01	(2) 13' 4"	(2) 4.06	1	473	215
2510483FGD	48	14.63	26' - 3 7/16"	8.01	(2) 13' 4"	(2) 4.06	2	520	236

10" Diameter Systems with Pull Roller Gates for Drying Floors

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2510241FGRD	24	7.32	14' - 7 7/16"	4.46	15' 0"	4.57	0	256	116
2510242FGRD	24	7.32	14' - 7 7/16"	4.46	15' 0"	4.57	1	303	137
2510272FGRD	27	8.23	16' - 1 7/16"	4.91	16' 6"	5.03	1	323	147
2510302FGRD	30	9.14	18' - 1 7/16"	5.52	18' 6"	5.64	1	358	162
2510332FGRD	33	10.06	19' - 1 7/16"	5.83	19' 6"	5.94	1	373	169
2510362FGRD*	36	10.97	20' - 1 7/16"	6.13	20' 6"	6.25	1	397	180
2510363FGRD*	36	10.97	20' - 1 7/16"	6.13	20' 6"	6.25	2	448	203
2510392FGRD*	39	11.89	21' - 7 7/16"	6.59	22' 0"	6.71	1	423	192
2510393FGRD*	39	11.89	21' - 7 7/16"	6.59	22' 0"	6.71	2	476	216
2510422FGRD	42	12.80	23' - 3 7/16"	7.10	(2) 11' 10"	(2) 3.61	1	455	206
2510423FGRD	42	12.80	23' - 3 7/16"	7.10	(2) 11' 10"	(2) 3.61	2	510	231
2510482FGRD	48	14.63	26' - 3 7/16"	8.01	(2) 13' 4"	(2) 4.06	1	500	227
2510483FGRD	48	14.63	26' - 3 7/16"	8.01	(2) 13' 4"	(2) 4.06	2	558	253

10" Diameter Systems with Pull Slide Gates for Concrete Floors

PART NUMBER	BIN DIAMETER	BIN DIA. METERS	LENGTH - CENTER OF BIN TO END OF TUBE	LENGTH IN METERS	AUGER LENGTH	AUGER LENGTH IN METERS	NO. INT. WELLS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
2510241FGRC**	24	7.32	14' - 2"	4.32	14' 6"	4.42	0	267	121
2510242FGRC**	24	7.32	14' - 2"	4.32	14' 6"	4.42	1	325	147
2510272FGRC**	27	8.23	15' - 8"	4.78	16' 0"	4.88	1	345	156
2510302FGRC**	30	9.14	17' - 2"	5.23	17' 6"	5.33	1	380	172
2510332FGRC**	33	10.06	19' - 2"	5.84	19' 6"	5.94	1	395	179
2510362FGRC**	36	10.97	20' - 2"	6.15	20' 6"	6.25	1	419	190
2510363FGRC**	36	10.97	20' - 2"	6.15	20' 6"	6.25	2	481	218
2510392FGRC**	39	11.89	22' - 8"	6.91	23' 0"	7.01	1	445	202
2510393FGRC**	39	11.89	22' - 8"	6.91	23' 0"	7.01	2	509	231
2510422FGRC**	42	12.80	23' - 8"	7.21	24' 0"	7.32	1	477	216
2510423FGRC**	42	12.80	23' - 8"	7.21	24' 0"	7.32	2	543	246
2510482FGRC**	48	14.63	26' - 8"	8.13	27' 0"	8.23	1	522	237
2510483FGRC**	48	14.63	26' - 8"	8.13	27' 0"	8.23	2	591	268

SPECIFICATIONS: See 6" and 8" specifications on previous pages.

Prices and specifications subject to change without notice.

Effective Date April 15, 2003

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* = Commercial Auger

** = Commercial Wells & Augers

All-Galvanized Tube Axial Fans - 3,450 RPM

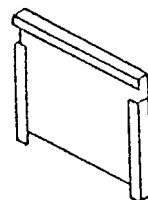
Aeration Drying Fans, Without Controls

PART NUMBER	DIA. INCHES	DIAMETER MILLIMETERS	HORSE- POWER	KILOWATTS	PHASE	FREQUENCY	VOLTAGE	WEIGHT (lb)	WEIGHT (kg)
241200751	12	300	3/4	0.56	1	60HZ	115/230	58	27
241200753	12	300	3/4	0.56	3	60HZ	230/460	53	24
241401501	14	360	1½	1.12	1	60HZ	115/230	71	33
241401503	14	360	1½	1.12	3	60HZ	230/460	70	32
241801501	18	460	1½	1.12	1	60HZ	115/230	92	42
241801503	18	460	1½	1.12	3	60HZ	230/460	91	42
241803001	18	460	3	2.25	1	60HZ	230	113	52
241803003	18	460	3	2.25	3	60HZ	230/460	111	51
242405001	24	610	5	3.75	1	60HZ	230	195	89
242405003-50	24	610	5	3.75	3	50HZ	380	172	79
242405003	24	610	5	3.75	3	60HZ	230/460	176	80
242407501	24	610	7½	5.6	1	60HZ	230	197	90
242407503-50	24	610	7½	5.6	3	50HZ	380	202	92
242407503	24	610	7½	5.6	3	60HZ	230/460	193	88

NOTE: Fans may be attached to 50 HZ, 380 V, 3 Phase power sources. Blade speed derates to 2,850 RPM and fan output per given static pressure condition is reduced to 5/6 of the tabulated value in the chart.

Galvanized Fan Caps

PART NUMBER	FAN DIA. (in)	FAN DIA. (mm)	WEIGHT (lb)	WEIGHT (kg)
231155	12	300	3	1.36
231156	14	360	3	1.36
231157	18	460	5	2.27
231158	24	610	6	2.72



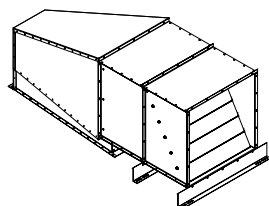
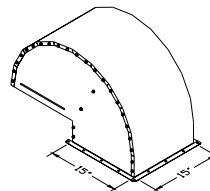
Angle Ring Caps for Transitions with Angle Rings

PART NUMBER	ANGLE RING DIA. (in)	ANGLE RING DIA. (mm)	WEIGHT (lb)	WEIGHT (kg)
234059	12	300	3	1.36
234060	14	360	3	1.36
234061	18	460	4	1.81
234062	24	610	6	2.72

Gooseneck Roof Vent

Complete galvanized roof vent with 1/2" (12.7 mm) mesh screen and galvanized steel angle base. Opening is at 90 degrees.

PART NUMBER	WEIGHT (lb)	WEIGHT (kg)
239020	22	10



Roof Exhausters

PART NUMBER	HP	kW	RPM	HERTZ	PHASE	WEIGHT (lb)	WEIGHT (kg)
242402001	2	1.5	1750	60	1	278	126.1
242402003	2	1.5	1750	60	3	260	117.9
242402003-50	2	1.5	1450	50	3	260	117.9

AXIAL FAN SPECIFICATIONS:

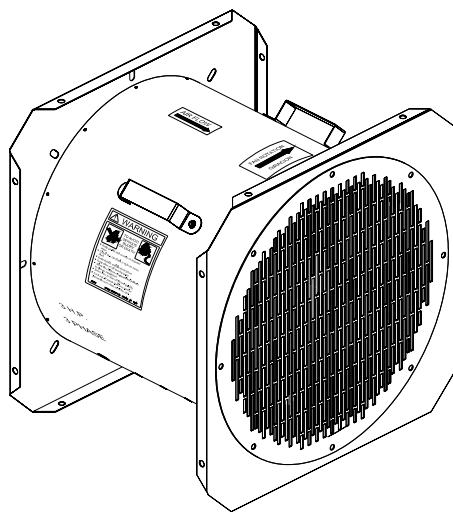
Galvanized fan housing is straight with galvanized flanged end plates at each end. Fan is factory assembled and internally wired. Handle(s), support legs, motor base, motor, screen guard and cast aluminum fan blade mounted upstream are included. End plates are punched for bolting to transition or heater. All motors up to 3 HP have ball bearings and are designed for air over (TEAO) operation. Motors 5 and 7-1/2 horsepower are open-drip proof (ODP). Available in 3,450 RPM, 1 phase or 3 phase, 60 cycle.

12", 14" AND 18" DIAMETER FANS: The 12" diameter, 1 phase, 115/230V fan has a 115 volt x 28" power cord. If 230 volt, 1 phase operation is desired, field rewiring is required. The 3 phase, 230/460V fans have a utility entrance mounted on the motor for field wiring. Branch circuit protection, circuit breaker, or fused disconnect must be field supplied.

24" DIAMETER FANS WITHOUT CONTROLS: Fans have a utility entrance mounted on motor for field wiring. Motor starter, branch circuit protection, circuit breaker or fused disconnect must be field supplied.

FAN PERFORMANCE TABLE*, CFM											
FAN DIA	DIA. IN mm	HORSE POWER	STATIC PRESSURE, INCHES W.C.								
			0.0"	0.5"	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
12"	300	3/4	2500	2250	1825						
14"	360	1-1/2	2950	2825	2560	2260	1325				
18"	460	1-1/2	5375	4975	4525	4025	3150				
18"	460	3	6500	6175	5825	5450	4975	4325			
24"	610	5	11500	11000	10400	9700	8850	7900	6800	5600	4350
24"	610	7-1/2	14500	13900	13250	12600	12000	11300	10300	8900	7000

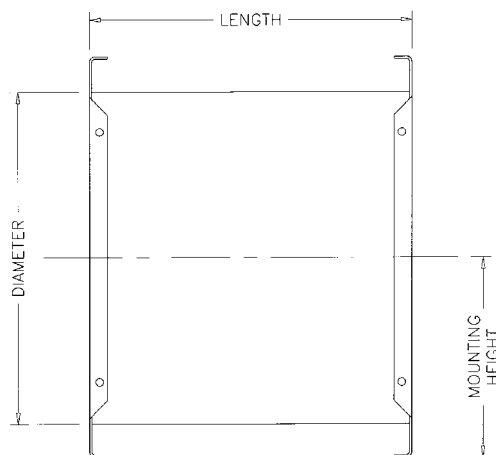
*FAN PERFORMANCE IS ESTIMATED. ABOVE AIR DELIVERIES ARE BASED UPON TESTS CONDUCTED BY THE BLADE MANUFACTURER IN ACCORDANCE WITH AMCA STANDARDS.



24" Fan has unique housing (not shown)

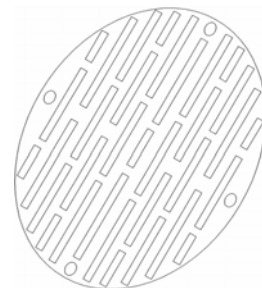
FAN SIZE	DIAMETER	LENGTH	MOUNTING HEIGHT
12"	12"	14"	8"
14"	14"	16"	9"
18"	18"	18"	11"
24"	24"	24"	14"

ALLOWABLE PIPE CFM	
PIPE DIA.	CFM
12"	2,350 CFM
18"	5,300 CFM
24"	9,400 CFM



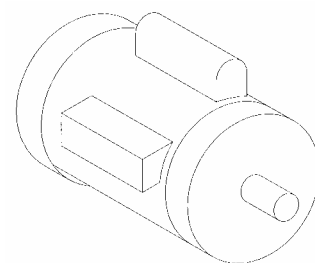
Axial Fan Blade Guard

PART NO.	DIAMETER/INCHES	DIAMETER/mm	WEIGHT (lb)	WEIGHT (kg)
214623	12"	300 mm	2	0.9
214624	14"	360 mm	3	1.4
214625	18"	460 mm	9	4.1
214626	24"	610 mm	14	6.4



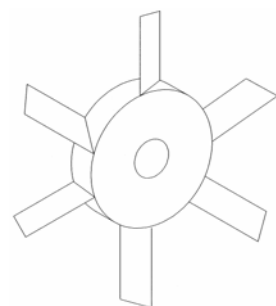
3,450 RPM Axial Fan Motors

PART NO.	HORSE-POWER	KILOWATT	PHASE	VOLTAGE	WEIGHT (lb)	WEIGHT (kg)
290220	.75	0.56	1	115/230	25	11.4
290221	.75	0.56	3	230/460	21	9.5
290222	1.5	1.12	1	115/230	43	19.5
290223	1.5	1.12	3	230/460	31	14.0
290225	3	2.25	1	230	52	23.6
290224	3	2.25	3	230/460	50	22.7
290226	5	3.75	1	230	92	41.8
290227	5	3.75	3	230/460	74	33.6
290228	7.5	5.60	1	230	94	42.7
290229	7.5	5.60	3	230/460	90	40.9



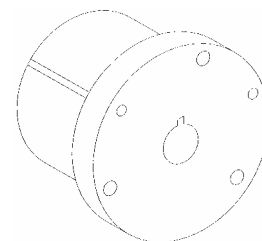
Cast Aluminum Fan Blades

PART NO.	DIAMETER/INCHES	DIAMETER/mm	HORSE-POWER	KILOWATTS	WEIGHT (lb)	WEIGHT (kg)
290208	12"	300 mm	.75	0.56	4.4	2.0
290209	14"	360 mm	1.5	1.12	4.4	2.0
290210	18"	460 mm	1.5	1.12	7.7	3.5
290211	18"	460 mm	3	2.25	9.9	4.5
290212	24"	610 mm	5	3.75	14.3	6.5
290242	24"	610 mm	7.5	5.6	14.3	6.5



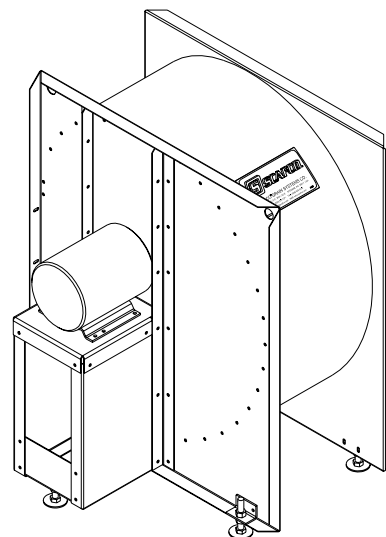
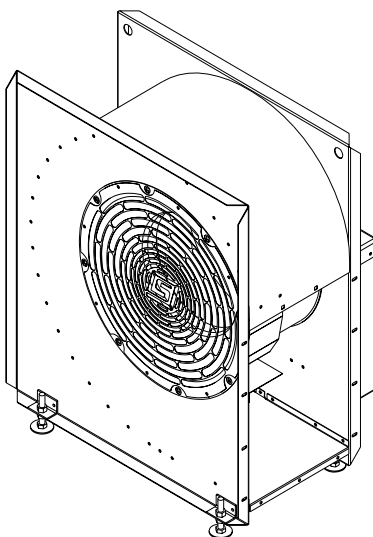
Bushings

PART NO.	TYPE	DIAMETER/ INCHES	DIAMETER/mm	WEIGHT (lb)	WEIGHT (kg)
290233	QT	5/8"	16 mm	0.66	0.30
290234	QT	7/8"	22 mm	0.66	0.30
290235	SD	1-1/8"	28 mm	1.75	0.80
290236	SD	1-3/8"	35 mm	1.75	0.80



Low-Speed (1,750 rpm) Centrifugal Fans

1,750 RPM Fans With Controls								
PART NO.	HP	kW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24L220312WC	3	2.25	1	115/230	28/14	338	152.1	231204
24L220332WC	3	2.25	3	230	8.2	327	147.2	231204
24L220334WC	3	2.25	3	460	4.1	327	147.2	231204
24L220512WC	5	3.75	1	230	22.0	382	171.9	231205
24L220532WC*	5	3.75	3	230	13.4	346	155.7	231205
24L220534WC*	5	3.75	3	460	6.7	346	155.7	231205
24L220712WC*	7.5	5.63	1	230	32.0	427	192.2	231206
24L220732WC*	7.5	5.63	3	230	20.4	420	189.0	231206
24L220734WC*	7.5	5.63	3	460	10.2	420	189.0	231206
24L241012WC*	10	7.50	1	230	40.0	530	238.5	231200
24L241032WC*	10	7.50	3	230	28.4	508	228.6	231200
24L241034WC*	10	7.50	3	460	14.2	508	228.6	231200
24L271532WC*	15	11.25	3	230	38.4	621	279.5	231207
24L271534WC*	15	11.25	3	460	19.2	621	279.5	231207
24L272032WC*	20	15.00	3	230	48.0	691	311.0	231201
24L272034WC*	20	15.00	3	460	24.0	691	311.0	231201
24L302532WC	25	18.75	3	230	62.0	856	385.2	231208
24L302534WC	25	18.75	3	460	31.0	856	385.2	231208
24L303032WC	30	22.50	3	230	74.0	926	416.7	231209
24L303034WC	30	22.50	3	460	37.0	926	416.7	231209
24L334032WC	40	30.00	3	230	94.0	1120	504.0	231210
24L334034WC	40	30.00	3	460	47.0	1120	504.0	231210
24L335032WC	50	37.50	3	230	118.0	1160	522.0	231203
24L335034WC	50	37.50	3	460	59.0	1160	522.0	231203



1,750 RPM Fans Less Controls

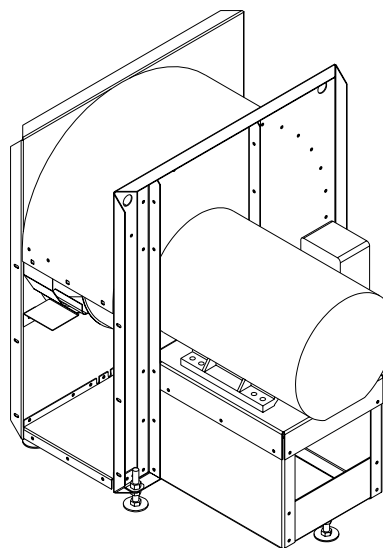
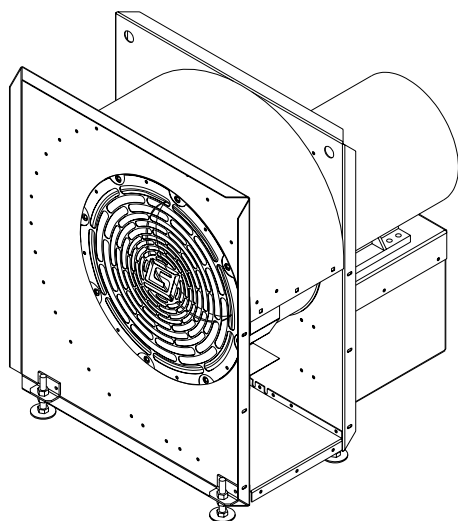
PART NO.	HP	KW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24L22031LC	3	2.25	1	115/230	28.0/14.0	328	147.6	231204
24L22033LC	3	2.25	3	230/460	8.2/4.1	317	142.7	231204
24L22051LC*	5	3.75	1	230	22.0	372	167.4	231205
24L22053LC*	5	3.75	3	230/460	13.4/6.7	336	151.2	231205
24L22071LC*	7.5	5.60	1	230	32.0	417	187.7	231206
24L22073LC*	7.5	5.60	3	230/460	20.4/10.2	410	184.5	231206
24L24101LC*	10	7.50	1	230	40.0	520	234.0	231200
24L24103LC*	10	7.50	3	230/460	28.4/14.2	498	224.1	231200
24L27153LC*	15	11.25	3	230/460	38.4/19.2	611	275.0	231207
24L27203LC*	20	15.00	3	230/460	48.0/24.0	681	306.5	231201
24L30253LC	25	18.75	3	230/460	62.0/31.0	846	380.7	231208
24L30303LC	30	22.50	3	230/460	74.0/37.0	916	412.2	231209
24L33403LC	40	30.00	3	230/460	94.0/47.0	1100	495.0	231210
24L33503LC	50	37.50	3	230/460	118.0/59.0	1140	513.0	231203

Centrifugal Fan Characteristic Table – CFM / in. Water Column
1750 RPM, 60 Hz.

Fan Model	HP	0	1	2	3	4	5	6	7	8	9	10	11
24L2203	3	5,000	4,564	4,184	3,791	3,321	2,572						
24L2205	5	8,225	7,517	6,891	6,244	5,470	4,236						
24L2207	7.5	9,734	8,949	8,204	7,434	6,511	5,043						
24L2410	10	12,655	11,831	11,058	10,308	9,475	8,429	6,509					
24L2715	15	15,750	14,973	14,269	13,558	12,809	11,964	10,926	9,371				
24L2720	20	18,228	17,411	16,592	15,765	14,894	13,912	12,705	10,896				
24L3025	25	24,150	23,138	22,253	21,371	20,482	19,549	18,518	17,314	15,767	13,058		
24L3030	30	25,026	24,102	23,180	22,261	21,335	20,364	19,290	18,035	16,424	13,602		
24L3340	40	31,250	30,481	29,861	29,214	28,517	27,722	26,761	25,572	24,112	22,256	19,626	15,079
24L3350	50	32,732	32,086	31,432	30,752	30,017	29,181	28,170	26,918	25,381	23,427	20,659	15,873

High-Speed (3,450 rpm) Centrifugal Fans

3,450 RPM Fans With Controls								
PART NO.	HP	KW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24H150312WC	3	2.25	1	115/230	29.0/14.5	190	85.5	231211
24H150332WC	3	2.25	3	230	7.2	173	77.9	231211
24H150334WC	3	2.25	3	460	3.6	173	77.9	231211
24H150512WC	5	3.75	1	230	19.5	209	94.1	231212
24H150532WC	5	3.75	3	230	12.0	191	86.0	231212
24H150534WC	5	3.75	3	460	6.0	191	86.0	231212
24H150712WC	7.5	5.60	1	230	33.0	246	110.7	231213
24H150732WC	7.5	5.60	3	230	17.4	217	97.7	231213
24H150734WC	7.5	5.60	3	460	8.7	217	97.7	231213
24H181012WC	10	7.50	1	230	40.0	380	171.0	231214
24H181032WC	10	7.50	3	230	23.0	355	159.8	231214
24H181034WC	10	7.50	3	460	11.5	355	159.8	231214
24H181532WC*	15	11.25	3	230	34.0	500	225.0	231215
24H181534WC*	15	11.25	3	460	17.0	500	225.0	231215
24H182032WC*	20	15.00	3	230	46.0	540	243.0	231216
24H182034WC*	20	15.00	3	460	23.0	540	243.0	231216
24H222532WC	25	18.75	3	230	58.0	692	311.4	231204
24H222534WC	25	18.75	3	460	29.0	692	311.4	231204
24H223032WC	30	22.50	3	230	70.0	716	322.2	231217
24H223034WC	30	22.50	3	460	35.0	716	322.2	231217
24H224032WC	40	30.00	3	230	90.0	829	373.1	231218
24H224034WC	40	30.00	3	460	45.0	829	373.1	231218
24H225032WC	50	37.50	3	230	112.0	926	416.7	231202
24H225034WC	50	37.50	3	460	56.0	926	416.7	231202



3,450 RPM Fans Less Controls

PART NO.	HP	KW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24H15031LC	3	2.25	1	115/230	29.0/14.50	180	81.0	231211
24H15033LC	3	2.25	3	230/460	7.2/3.6	173	77.9	231212
24H15051LC	5	3.75	1	230	19.5	199	89.6	231212
24H15053LC	5	3.75	3	230/460	12.0/6.0	181	81.5	231212
24H15071LC	7.5	5.60	1	230	33.0	236	106.2	231213
24H15073LC	7.5	5.60	3	230/460	17.4/8.7	207	93.2	231213
24H18101LC	10	7.50	1	230	40.0	370	166.5	231214
24H18103LC	10	7.50	3	230/460	23.0/11.5	350	157.5	231214
24H18153LC*	15	11.25	3	230/460	34.0/17.0	480	216.0	231215
24H18203LC*	20	15.00	3	230/460	46.0/23.0	520	234.0	231216
24H22253LC	25	18.75	3	230/460	58.0/29.0	682	306.9	231204
24H22303LC	30	22.50	3	230/460	70.0/35.0	706	317.7	231217
24H22403LC	40	30.00	3	230/460	90.0/45.0	819	368.6	231218
24H22503LC	50	37.50	3	230/460	112.0/56.0	916	412.2	231202

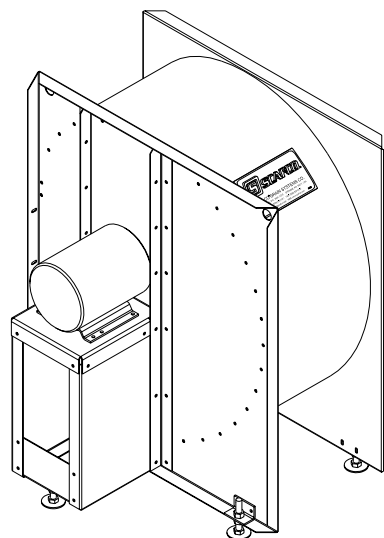
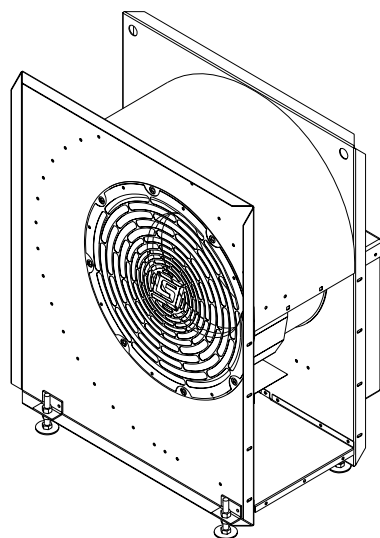
Centrifugal Fan Characteristic Table – CFM / in. Water Column

3450 RPM, 60 Hz.

Fan Model	HP	0	2	4	6	8	10	12	14	16	18	20
24H1503	3	2,950	2,637	2,327	1,992	1,576						
24H1505	5	4,850	4,362	3,849	3,295	2,607						
24H1507	7.5	5,676	5,108	4,516	3,877	3,093						
24H1810	10	6,350	5,918	5,539	5,177	4,797	4,368	3,831	2,789			
24H1815	15	9,450	8,827	8,262	7,721	7,154	6,515	5,714	4,160			
24H1820	20	10,774	10,096	9,456	8,846	8,207	7,491	6,604	5,044			
24H2225	25	9,950	9,467	9,066	8,680	8,303	7,918	7,510	7,063	6,554	5,923	4,968
24H2230	30	12,650	12,066	11,555	11,062	10,582	10,092	9,572	9,002	8,353	7,549	6,332
24H2240	40	16,300	15,593	14,932	14,296	13,675	13,042	12,370	11,634	10,794	9,756	8,182
24H2250	50	19,365	18,564	17,776	17,019	16,280	15,526	14,726	13,850	12,850	11,614	9,741

Low-Speed (1,450 rpm) 50 Hz Centrifugal Fans

1,450 RPM 50 Hz Fans With Controls								
PART NO.	HP	kW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24L220332WC-50	3	2.24	3	220	7.8	333	149.9	231205
24L220333WC-50	3	2.24	3	380	4.4	333	149.9	231205
24L220334WC-50	3	2.24	3	440	3.9	333	149.9	231205
24L240532WC-50*	5	3.73	3	220	14.0	458	206.1	231200
24L240533WC-50*	5	3.73	3	380	8.1	458	206.1	231200
24L240534WC-50*	5	3.73	3	440	7.0	458	206.1	231200
24L270732WC-50*	7.5	5.60	3	220	20.8	494	222.3	231207
24L270733WC-50*	7.5	5.60	3	380	12.0	494	222.3	231207
24L270734WC-50*	7.5	5.60	3	440	10.4	494	222.3	231207
24L271032WC-50*	10	7.50	3	220	27.0	577	259.7	231201
24L271033WC-50*	10	7.50	3	380	15.5	577	259.7	231201
24L271034WC-50*	10	7.50	3	440	13.5	577	259.7	231201
24L301532WC-50*	15	11.19	3	220	42.0	729	328.1	231209
24L301533WC-50*	15	11.25	3	380	24.2	729	328.1	231209
24L301534WC-50*	15	11.25	3	440	21.0	729	328.1	231209
24L332032WC-50*	20	15.00	3	220	56.0	908	408.6	231219
24L332033WC-50*	20	15.00	3	380	32.0	908	408.6	231219
24L332034WC-50*	20	15.00	3	440	28.0	908	408.6	231219
24L332532WC-50	25	18.75	3	220	68.0	1120	504.0	231210
24L332533WC-50	25	18.75	3	380	39.0	1120	504.0	231210
24L332534WC-50	25	18.75	3	440	34.0	1120	504.0	231210
24L333032WC-50	30	22.50	3	220	80.0	1160	522.0	231206
24L333033WC-50	30	22.50	3	380	46.0	1160	522.0	231206
24L333034WC-50	30	22.50	3	440	40.0	1160	522.0	231206



1,450 RPM 50 Hz Fans Less Controls

PART NO.	HP	KW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24L22033LC-50	3	2.24	3	220/380/330	7.8/4.4/3.9	323	145.4	231205
24L24053LC-50*	5	3.73	3	220/380/440	14.0/8.1/7.0	448	201.6	231200
24L27073LC-50*	7.5	5.60	3	220/380/440	20.8/12.0/10.4	484	217.8	231207
24L27103LC-50*	10	7.50	3	220/380/440	27.0/15.5/13.5	567	255.2	231201
24L30153LC-50*	15	11.25	3	220/380/440	42.0/24.2/21.0	719	323.6	231209
24L33203LC-50*	20	15.00	3	220/380/440	56.0/32.0/28.0	888	399.6	231219
24L33253LC-50	25	18.75	3	220/380/440	68.0/39.0/34.0	1100	495.0	231210
24L33303LC-50	30	22.50	3	220/380/440	80.0/46.0/40.0	1140	513.0	231203

Centrifugal Fan Characteristic Table – CFM / in. Water Column

1450 RPM, 50 Hz.

Fan Model	HP	0	1	2	3	4	5	6	7
24L220350	3	6,800	5,988	5,223	4,235				
24L240550	5	10,486	9,503	8,596	7,560	5,835			
24L270750	7.5	13,050	12,140	11,285	10,367	9,220	7,134		
24L271050	10	15,103	14,116	13,122	12,054	10,721	8,295		
24L301550	15	20,736	17,070	16,104	15,126	14,047	12,708	10,545	
24L332050	20	22,900	22,126	21,446	20,688	19,740	18,453	16,698	13,892
24L332550	25	25,900	25,023	24,254	23,397	22,325	20,869	18,884	15,711
24L333050	30	27,121	26,340	25,530	24,628	23,500	21,968	19,878	16,538

High-Speed (2,850 rpm) 50 Hz Centrifugal Fans

2,850 RPM 50 Hz Fans With Controls								
PART NO.	HP	kW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24H150332WC-50	3	2.25	3	220	8.2	178	80.1	231212
24H150333WC-50	3	2.25	3	380	4.7	178	80.1	231212
24H150334WC-50	3	2.25	3	440	4.2	178	80.1	231212
24H150532WC-50	5	3.73	3	220	13.0	199	89.6	231213
24H150533WC-50	5	3.73	3	380	7.6	199	89.6	231213
24H150534WC-50	5	3.73	3	440	6.5	199	89.6	231213
24H180732WC-50	7.5	5.63	3	220	19.6	365	164.3	231220
24H180733WC-50	7.5	5.63	3	380	11.3	365	164.3	231220
24H180734WC-50	7.5	5.63	3	440	9.8	365	164.3	231220
24H181032WC-50	10	7.50	3	220	25.0	380	171.0	231216
24H181033WC-50	10	7.50	3	380	14.5	380	171.0	231216
24H181034WC-50	10	7.50	3	440	12.5	380	171.0	231216
24H221533WC-50	15	11.25	3	380	21.0	493	221.9	231204
24H222033WC-50	20	15.00	3	380	28.5	596	268.2	231221
24H222533WC-50	25	18.75	3	380	39.0	696	313.2	231218
24H223033WC-50	30	22.50	3	380	41.0	730	328.5	231202

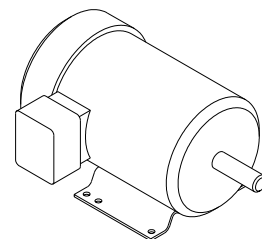
2,850 RPM 50 Hz Fans Less Controls								
PART NO.	HP	kW	PHASE	VOLTAGE	FULL LOAD AMPS	WEIGHT (lb)	WEIGHT (kg)	TRANSITION
24H15033LC-50	3	2.25	3	220/380/440	8.2/4.7/4.2	168	75.6	231212
24H15053LC-50	5	3.73	3	220/380/440	13.0/7.6/6.5	189	85.1	231213
24H18073LC-50	7.5	5.63	3	220/380/440	19.6/11.3/9.8	345	155.3	231220
24H18103LC-50	10	7.50	3	220/380/440	25.0/14.5/12.5	360	162.0	231216
24H22153LC-50	15	11.25	3	380	42.0/21.0	483	217.4	231204
24H22203LC-50	20	15.00	3	380	57.0/28.5	586	263.7	231221
24H22253LC-50	25	18.75	3	380	78.0/39.0	686	308.7	231218
24H22303LC-50	30	22.50	3	380	82.0/41.0	720	324.0	231202

Centrifugal Fan Characteristic Table – CFM / in. Water Column

2850 RPM, 50 Hz.										
Fan Model	HP	0	2	4	6	8	9	10	12	14
24H150350	3	4,050	3,450	2,804	1,915					
24H150550	5	4,703	4,011	3,261	2,227					
24H180750	7.5	6,700	6,088	5,530	4,943	4,213	3,683			
24H181050	10	8,927	8,118	7,374	6,591	5,617	4,911			
24H221550	15	8,300	7,741	7,271	6,818	6,342	6,085	5,806	5,142	4,044
24H222050	20	12,150	11,384	10,693	10,026	9,327	8,948	8,539	7,562	5,947
24H222550	25	13,600	12,750	11,976	11,229	10,446	10,022	9,563	8,470	6,661
24H223050	30	16,131	15,179	14,258	13,368	12,436	11,931	11,385	10,083	7,930

Centrifugal Fan Replacement Motors

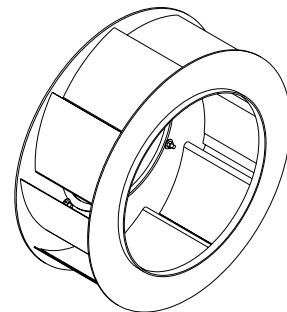
PART NO.	HORSE-POWER	KILOWATTS	rpm	Hz	PHASE	VOLTAGE	WEIGHT (lb)	WEIGHT (kg)
29L3609T	3	2.25	1,750	60	1	115/230	82	37.2
29M3611T	3	2.25	1,750	60	3	230/460	71	32.2
29L3708T	5	3.75	1,750	60	1	230	117	53.1
29M3615T	5	3.75	1,750	60	3	230/460	81	36.7
29L3710T	7.5	5.63	1,750	60	1	230	135	61.2
29M3710T	7.5	5.63	1,750	60	3	230/460	128	58.1
29L3712T	10	7.50	1,750	60	1	230	161	73.0
29M3714T	10	7.50	1,750	60	3	230/460	139	63.0
29M2333T	15	11.25	1,750	60	3	230/460	244	110.7
29M2334T	20	15.00	1,750	60	3	230/460	269	122.0
29M4103T	25	18.75	1,750	60	3	230/460	396	179.6
29M4104T	30	22.50	1,750	60	3	230/460	433	196.4
29M4110T	40	30.00	1,750	60	3	230/460	517	234.5
29M4115T	50	37.50	1,750	60	3	230/460	579	262.6
29L3606T	3	2.25	3,450	60	1	115/230	76	34.5
29M3610T	3	2.25	3,450	60	3	230/460	59	26.8
29L3608T	5	3.75	3,450	60	1	230	91	41.3
29M3613T	5	3.75	3,450	60	3	230/460	73	33.1
29L3709T	7.5	5.63	3,450	60	1	230	124	56.2
29M3709T	7.5	5.63	3,450	60	3	230/460	95	43.1
29L3711T	10	7.50	3,450	60	1	230	148	67.1
29M3711T	10	7.50	3,450	60	3	230/460	127	57.6
29M3713T	15	11.25	3,450	60	3	230/460	162	73.5
29M4106T	20	15.00	3,450	60	3	230/460	260	117.9
29M4107T	25	18.75	3,450	60	3	230/460	361	163.7
29M4108T	30	22.50	3,450	60	3	230/460	382	173.3
29M4109T	40	30.00	3,450	60	3	230/460	486	220.4
29M4114T	50	37.50	3,450	60	3	230/460	575	260.8
29M3611T-50	3	2.25	1,450	50	3	220/380/440	68	30.8
29M3615T-50	5	3.75	1,450	50	3	220/380/440	89	40.4
29M3710T-50	7.5	5.63	1,450	50	3	220/380/440	117	53.1
29M3714T-50	10	7.50	1,450	50	3	220/380/440	156	70.8
29M2333T-50	15	11.25	1,450	50	3	220/380/440	236	107.0
29M2334T-50	20	15.00	1,450	50	3	220/380/440	277	125.6
29M4103T-50	25	18.75	1,450	50	3	220/380/440	391	177.4
29M4104T-50	30	22.50	1,450	50	3	220/380/440	415	188.2
29M3610T-50	3	2.25	2,850	50	3	220/380/440	60	27.2
29M3613T-50	5	3.75	2,850	50	3	220/380/440	77	34.9
29M3709T-50	7.5	5.63	2,850	50	3	220/380/440	116	52.6
29M3711T-50	10	7.50	2,850	50	3	220/380/440	129	58.5
29M2394T-50	15	11.25	2,850	50	3	190/380	162	73.5
29M4106T-50	20	15.00	2,850	50	3	190/380	260	117.9
29M4107T-50	25	18.75	2,850	50	3	190/380	361	163.7
29M4108T-50	30	22.50	2,850	50	3	190/380	382	173.3



*Information listed above is provided to help match up centrifugal fan parts with the appropriate SCAFCO Centrifugal Fan.

Centrifugal Fan Blade Wheels

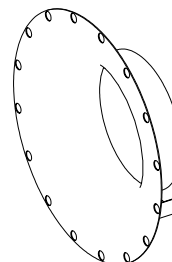
PART NO.	DIAMETER/ INCHES	DIAMETER/ mm	PHASE	rpm	HORSE- POWER	KILOWATTS	WEIGHT (lb)	WEIGHT (kg)
291002-118	22	559	1/3	1,750	3	2.3	40	18.1
291001-118	22	559	3	1,750	5	3.8	50	22.7
291001-138	22	559	1	1,750	5	3.8	50	22.7
290986	22	559	1/3	1,750	7.5	5.6	55	24.9
290982-138	24	610	1/3	1,750	10	7.5	90	40.8
291000-158	27	686	1/3	1,750	15	11.3	99	44.9
290984-158	27	686	1/3	1,750	20	15.0	105	47.6
291003	30	762	1/3	1,750	25	18.8	115	52.2
290988-178	30	762	1/3	1,750	30	22.5	120	54.4
291004-218	33	838	1/3	1,750	40	30.0	170	77.1
290994-218	33	838	1/3	1,750	50	37.5	173	78.5
291005-118	15	381	1/3	3,450	3	2.3	7	3.2
291006-118	15	381	1/3	3,450	5	3.8	9	4.1
290990-138	15	381	1/3	3,450	7.5	5.6	12	5.4
291007-138	18	457	1/3	3,450	10	7.5	36	16.3
291008-138	18	457	1/3	3,450	15	11.3	44	20.0
290992-158	18	457	1/3	3,450	20	15.0	47	21.3
291013	22	559	1/3	3,450	25	18.8	63	28.6
291009	22	559	1/3	3,450	30	22.5	63	28.6
291001-178	22	559	1/3	3,450	40	30.0	69	31.3
290986-178	22	559	1/3	3,450	50	37.5	73	33.1
291001-118	22	559	1/3	1,450	3	2.3	50	22.7
290982-118	24	610	1/3	1,450	5	3.8	90	40.8
291000-138	27	686	1/3	1,450	7.5	5.6	99	44.9
290984-138	27	686	1/3	1,450	10	7.5	105	47.6
290988-158	30	762	1/3	1,450	15	11.3	120	54.4
291010-158	33	838	1/3	1,450	20	15.0	162	73.5
291004-178	33	838	1/3	1,450	25	18.8	165	74.8
290994-178	33	838	1/3	1,450	30	22.5	173	78.5
291006-118	15	381	1/3	2,850	3	2.3	9	4.1
290990-118	15	381	1/3	2,850	5	3.8	12	5.4
291011-138	18	457	1/3	2,850	7.5	5.6	40	18.1
290992-138	18	457	1/3	2,850	10	7.5	47	21.3
291002-158	22	559	1/3	2,850	15	11.3	63	28.6
291012	22	559	1/3	2,850	20	15.0	65	29.5
291001-158	22	559	1/3	2,850	25	18.8	69	31.3
290986-158	22	559	1/3	2,850	30	22.5	73	33.1



*Information listed above is provided to help match up centrifugal fan parts with the appropriate SCAFCO Centrifugal Fan.

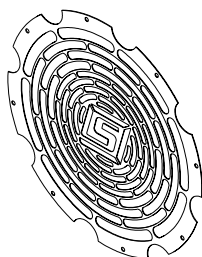
Centrifugal Fan Inlet Cones

PART NO.	FAN BLADE WHEEL DIA./ INCHES	FAN BLADE WHEEL DIA./ mm	WEIGHT (lb)	WEIGHT (kg)
290991	15	381	7	3.2
290993	18	457	9	4.1
290987	22	559	11	5.0
290983	24	610	13	5.9
290985	27	686	15	6.8
290989	30	762	20	9.1
290995	33	838	30	13.6



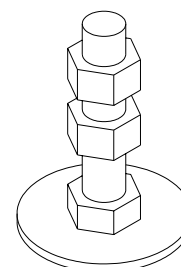
Centrifugal Fan Debris/Safety Screens

PART NO.	FAN BLADE DIA./ INCHES	FAN BLADE DIA./ mm	WEIGHT (lb)	WEIGHT (kg)
234309	15	375	2.1	0.9
234320	18	450	2.6	1.2
234267	22	550	3.0	1.4
234242	24	600	4.0	1.8
234253	27	675	5.0	2.3
234276	30	750	5.0	2.3
234332	33	825	7.6	3.4



Centrifugal Fan Adjustable Feet

PART NO.	FAN MODEL	WEIGHT (lb)	WEIGHT (kg)
231176	All Models	2	1.0



*Information listed above is provided to help match up centrifugal fan parts with the appropriate SCAFCO Centrifugal Fan.

Raised Fan Transitions for Centrifugal Fans

1,750 RPM 60 Hz Fans			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
231204	Raised fan transition, 3 HP fan	100	45.4
231205	Raised fan transition, 5 HP fan	100	45.4
231206	Raised fan transition, 7.5 HP fan	100	45.4
231200	Raised fan transition, 10 HP fan	105	47.6
231207	Raised fan transition, 15 HP fan	110	49.9
231201	Raised fan transition, 20 HP fan	110	49.9
231208	Raised fan transition, 25 HP fan	115	52.2
231209	Raised fan transition, 30 HP fan	115	52.2
231210	Raised fan transition, 40 HP fan	120	54.4
231203	Raised fan transition, 50 HP fan	120	54.4

3,450 RPM 60 Hz Fans			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
231211	Raised fan transition, 3 HP fan	90	40.8
231212	Raised fan transition, 5 HP fan	90	40.8
231213	Raised fan transition, 7.5 HP fan	90	40.8
231214	Raised fan transition, 10 HP fan	95	43.1
231215	Raised fan transition, 15 HP fan	95	43.1
231216	Raised fan transition, 20 HP fan	95	43.1
231204	Raised fan transition, 25 HP fan	100	45.4
231217	Raised fan transition, 30 HP fan	100	45.4
231218	Raised fan transition, 40 HP fan	100	45.4
231202	Raised fan transition, 50 HP fan	100	45.4

1,450 RPM 50 Hz Fans			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
231205	Raised fan transition, 3 HP fan	100	45.4
231200	Raised fan transition, 5 HP fan	105	47.6
231207	Raised fan transition, 7.5 HP fan	110	49.9
231201	Raised fan transition, 10 HP fan	110	49.9
231209	Raised fan transition, 15 HP fan	115	52.2
231219	Raised fan transition, 20 HP fan	120	54.4
231210	Raised fan transition, 25 HP fan	120	54.4
231203	Raised fan transition, 30 HP fan	120	54.4

2,850 RPM 50 Hz Fans			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
231212	Raised fan transition, 3 HP fan	90	40.8
231213	Raised fan transition, 5 HP fan	90	40.8
231220	Raised fan transition, 7.5 HP fan	95	43.1
231216	Raised fan transition, 10 HP fan	95	43.1
231204	Raised fan transition, 15 HP fan	100	45.4
231221	Raised fan transition, 20 HP fan	100	45.4
231218	Raised fan transition, 25 HP fan	100	45.4
231202	Raised fan transition, 30 HP fan	100	45.4

Flush Floor Aeration Systems

Flush Form Aeration Systems/With Raised Transitions Grain Depth 32' (9.75 m) Or Less			
MODEL NUMBER	DESCRIPTION	APPROX WEIGHT (lb)	APPROX. WEIGHT (kg)
23-15Y	15' (4.57 m) Y System	295	134
23-18Y	18' (5.49 m) Y System	310	141
23-21Y	21' (6.40 m) Y System	351	160
23-24Y	24' (7.32 m) Y System	386	175
23-24Y-18	24' (7.32 m) Y System	389	177
23-27Y	27' (8.23 m) Y System	462	210
23-27Y-18	27' (8.23 m) Y System	465	211
23-27SP	27' (8.23 m) Straight Parallel	524	238
23-30Y	30' (9.14 m) Y System	500	227
23-30Y-18	30' (9.14 m) Y System	502	228
23-30SP	30' (9.14 m) Straight Parallel	596	271
23-33Y	33' (10.06 m) Y System	535	243
23-33SP	33' (10.06 m) Straight Parallel	637	289
23-36Y-18	36' (10.97 m) Y System	572	260
23-36SP-18	36' (10.97 m) Straight Parallel	677	307
23-39Y-18	39' (11.89 m) Y System	634	288
23-39SP-18	39' (11.89 m) Straight Parallel	635	288
23-42Y-18	42' (12.80 m) Y System	649	295
23-42SP-18	42' (12.80 m) Straight Parallel	791	359
23-48SP-18	48' (14.63 m) Straight Parallel	898	408

NOTE:

- Standard systems include a 12" (300 mm) fan transition(s). Use a 12" (300 mm) fan(s) complete with a 3/4 HP (0.56 kW) motor (sold separately). Suffix 18 indicates 18" (460 mm) fan transition(s) included.
- Systems designed to deliver approximately 1/10 CFM/Bushel. Good for grain depth through 32 feet (9.75 m).
- See pages 59-61 when depth of grain exceeds 32 feet (9.75 m).
- Parallel systems require **TWO** fans.
- Grain spreaders are desirable in all units to distribute fines uniformly throughout the bin/silo
- In high humidity areas, higher airflow rates will be required. Call your SCAFCO sales person for variations to above parameters.
- Above systems do not include angle rings welded to raised transition. Specify on order if you desire angle rings welded to raised transition (Optional). Add suffix "- AR" to the desired part number.
- Roof bin/silo vents are recommended for adequate air entry/exit. Use the following numbers of gooseneck bin/silo vents per aeration system.

FAN SIZE	DIA. / mm	NO. OF VENTS
12"	300	1
14"	360	1
18"	460	2
24"	610	4

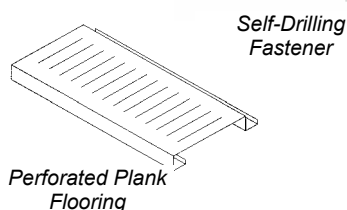
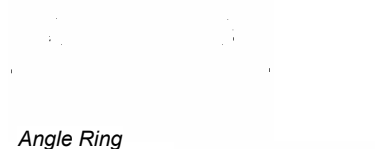
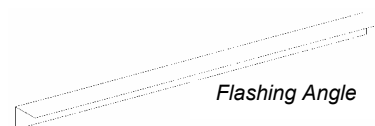
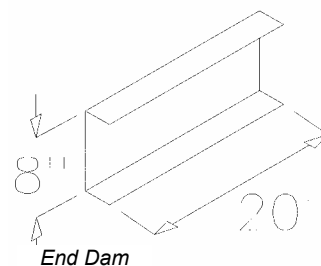
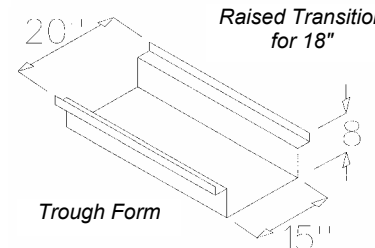
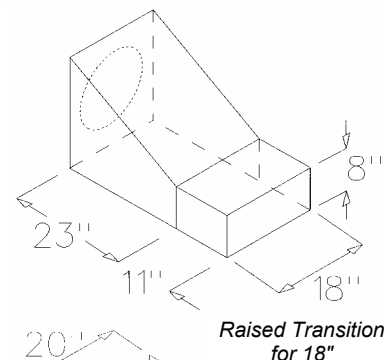
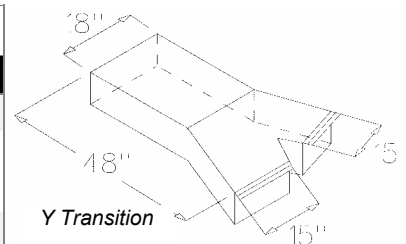
Aeration Fans/Systems

Flush Floor Aeration Components



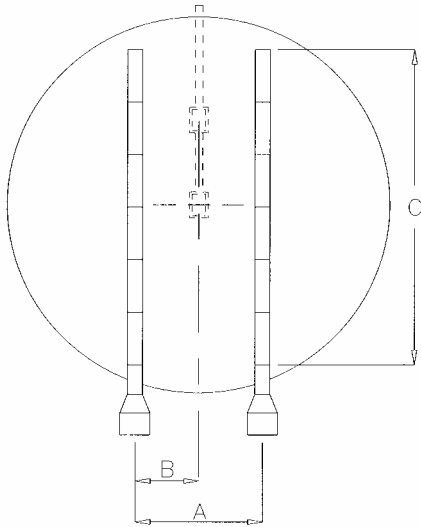
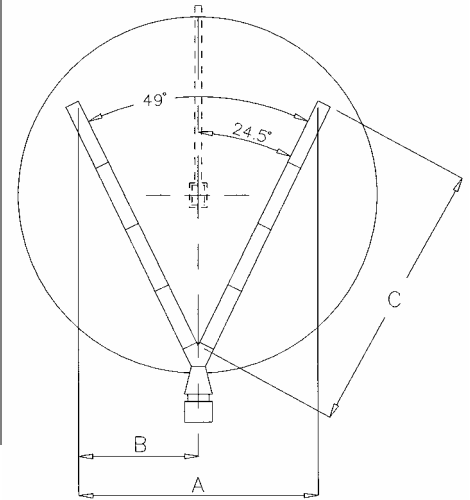
Flush Floor Aeration Components

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
231002	Y Transition	59	27
231001	Raised Transition For 12" (300 mm) Fan Without Angle Ring, With Extension	63	29
231041	Raised Transition For 12" (300 mm) Fan With Angle Ring, With Extension	68	31
231003	Raised Transition For 18" (460 mm) Fan Without Angle Ring, With Extension	66	30
231042	Raised Transition For 18" (460 mm) Fan With Angle Ring, With Extension	74	34
231004	Raised Transition For 12" (300 mm) Fan With Reducer For Straight Aeration System Without Angle Ring	77	35
231043	Raised Transition For 12" (300 mm) Fan With Reducer For Straight Aeration System and Angle Ring	82	38
231005	Raised Transition For 18" (460 mm) Fan With Reducer For Straight Aeration System Without Angle Ring	79	36
231044	Raised Transition For 18" (460 mm) Fan With Reducer For Straight Aeration System and Angle Ring	87	40
231047	Raised Transition For 24" (610 mm) Fan With Angle Ring, With Extension	94	43
211034	Flashing For Fan Transition Used With Perforated Plank Floor	5	2
233001	10' (3.05 m) Trough Form	36	17
233002	4' (1.22 m) Trough Form	15	7
233003	2' (0.61 m) Trough Form	7	3
233050	19 Gauge (1.02 mm) Perforated Plank, 7" x 20" (178 mm x 508 mm)	3	1.36
233051	20 Gauge (0.86 mm) Solid Plank, 7" x 20" (178 mm x 508 mm)	2.4	1.1
290190	12-14 x 3/4" (20 mm) Self-Drilling Fasteners	.8/C	.4/C
233005	Form End Dam (Plate)	2	.90
214629	12" (300 mm) Angle Ring, Shipped Loose	5	2.3
214630	14" (360 mm) Angle Ring, Shipped Loose	6	2.7
214631	18" (460 mm) Angle Ring, Shipped Loose	9	4.1
214632	24" (610 mm) Angle Ring, Shipped Loose	13	5.9
231073	12" To 14" Angle Ring Transition	11	5.0
234058	1 1/4" x 1 1/4" x 20 Gauge x 120" (32 mm x 32 mm x 0.86 mm x 3050 mm) Flashing Angle	4	1.8



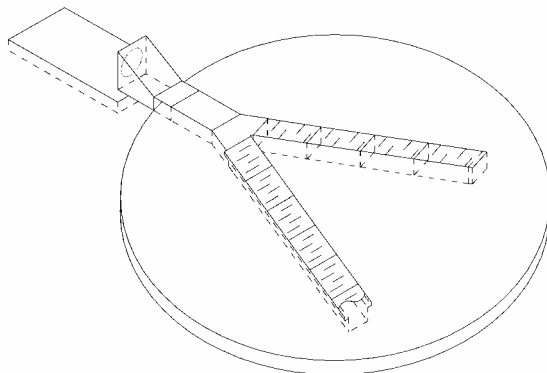
"Y" Flush Form Aeration System

BIN/SILO DIA. FEET	BIN/SILO DIA. METERS	"A" FEET	"A" METERS	"B" FEET	"B" METERS	"C" FEET	"C" METERS
15	4.57	6'8"	2.03	3'4"	1.02	8	2.44
18	5.49	8'4"	2.54	4'2"	1.35	10	3.05
21	6.40	10'0"	3.05	5'0"	1.52	12	3.66
24	7.32	11'8"	3.56	5'10"	1.78	14	4.27
27	8.23	15'0"	4.57	7'6"	2.29	18	5.49
30	9.14	16'7"	5.05	8'3½"	2.51	20	6.10
33	10.06	18'3"	5.56	9'1½"	2.78	22	6.71
36	10.97	19'11"	6.07	9'11½"	3.04	24	7.32
39	11.89	19'11"	6.07	9'11½"	3.04	24	7.32
42	12.80	21'4"	6.58	10'9"	3.29	26	7.92

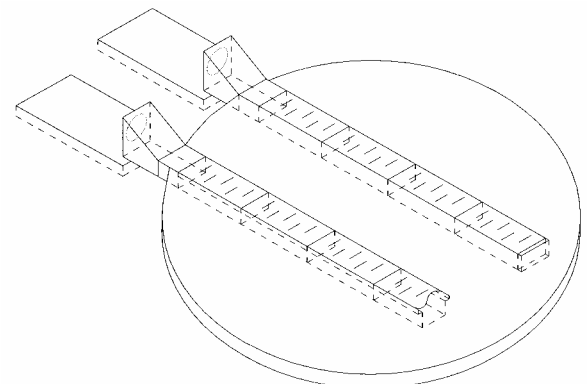


Parallel Flush Form Aeration System

BIN/SILO DIA. FEET	BIN/SILO DIA. METERS	"A" FEET	"A" METERS	"B" FEET	"B" METERS	"C" FEET	"C" METERS
27	8.23	13'6"	4.11	6'9"	2.06	20	6.10
30	9.14	15'0"	4.57	7'6"	2.29	24	7.32
33	10.06	16'0"	4.88	8'0"	2.44	26	7.92
36	10.97	18'0"	5.49	9'0"	2.74	28	8.53
39	11.89	19'6"	5.94	9'9"	2.97	30	9.14
42	12.80	21'0"	6.40	10'6"	3.20	32	9.75
48	14.63	24'0"	7.32	12'0"	3.66	40	12.19



Y - System Flush Floor



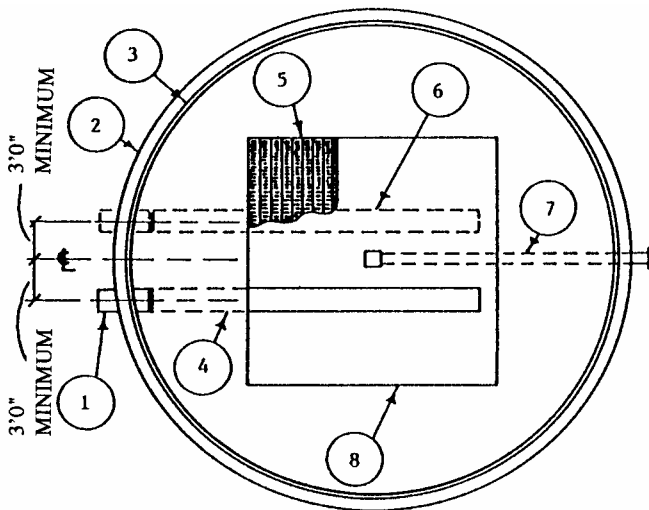
Parallel Flush Floor

Square Floor Aeration Systems

PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SQ. PAD SIZE FEET	SQ. PAD SIZE METERS	PCS. DECK	DECK LENGTH FEET	DECK LENGTH METERS	TRANSITION SIZE INCHES	TRANSITION SIZE mm	WEIGHT (lb)	WEIGHT (kg)
23-15SQ	15	4.57	7' 1½"	2.17	12	7' 1"	2.16	1 - 12"	1 - 300	266	121
23-18SQ	18	5.49	9' 5½"	2.88	16	9' 5"	2.87	1 - 12"	1 - 300	393	179
23-21SQ	21	6.40	10' 7½"	3.24	18	10' 7"	3.22	1 - 12"	1 - 300	474	215
23-24SQ	24	7.32	11' 9½"	3.59	20	11' 9"	3.58	1 - 12"	1 - 300	554	252
23-27SQ	27	8.23	12' 11½"	3.95	22	12' 11"	3.94	1 - 12"	1 - 300	646	293
23-30SQ	30	9.14	15' 3½"	4.66	26	15' 3"	4.65	1 - 12"	1 - 300	840	381
23-33SQ	33	10.06	16' 5½"	5.02	28	16' 5"	5.00	1 - 12"	1 - 300	963	437
23-36SQ	36	10.97	17' 7½"	5.37	30	17' 7"	5.36	1 - 18"	1 - 460	1,087	493
23-39SQ	39	11.89	15' 5½"	5.93	33	19' 5"	5.92	1 - 18"	1 - 460	1,291	677
23-42SQ	42	12.80	21' 1½"	6.44	36	21' 1"	6.43	1 - 18"	1 - 460	1,495	678
23-48SQ	48	14.63	23' 5½"	7.15	40	23' 5"	7.14	2 - 18"	2 - 460	2,005	910

PACKAGE INCLUDES ALL NECESSARY PERFORATED PLANKING, AERATION FORMS FROM RAISED TRANSITION TO SQUARE FLOOR AERATION, FLASHING, PLAIN PLANKS (20" [510 mm] LONG), AND FASTENERS. **FAN IS NOT INCLUDED IN LIST PRICE**, BUT IS OPTIONAL. SEE ERECTION INSTRUCTIONS FOR PROPER SUPPORT BLOCKING UNDER PERFORATED FLOORING. SYSTEMS DESIGNED FOR GRAIN DEPTHS TO 32 FEET (9.75 METERS).

TO ORDER FOR 0.050" HOLES (SMALL SEED) ADD A " C " SUFFIX TO THE ABOVE PART NUMBER.



1. RAISED TRANSITION (EITHER 12" [300 mm] OR 18" [460 mm]).
2. SLAB.
3. GRAIN BIN/SILO.
4. FORMS INCLUDED **TO EDGE OF** SQUARE FLOOR AERATION ONLY. PLAIN PLANKING SPANS DUCT.
5. 7" (180 mm) CHANNEL LOCK PERFORATED FLOOR PLANKING.
6. ADDITIONAL TRENCH REQUIRED ON 23-48SQ ONLY.
7. BIN WELL & TUBE (IN CONCRETE).
8. ENTIRE SQUARE FLOOR IS RECESSED IN CONCRETE 1-5/8".

Corrugated Pipe Aeration Suggested Systems

SYSTEM NUMBER	BIN/SILO MODEL NO.	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	QTY. 18 GAUGE PERFORATED PIPE/FEET	QTY. 18 GAUGE PERFORATED PIPE/METERS	APPROX. WEIGHT (lb)	APPROX. WEIGHT (kg)
23-15CR	1502-1506	15	4.57	5' 4"	1.62	104	47
23-18CR	1803-1806	18	5.49	10' 8"	3.25	151	69
23-21CR	2104-2106	21	6.40	10' 8"	3.25	151	69
23-24CR	2404-2408	24	7.32	16' 0"	4.88	190	87
23-27CR	2705-2708	27	8.23	16' 0"	4.88	190	87
23-30CR	3005-3008	30	9.14	21' 4"	6.50	237	108
23-33CR	3305-3308	33	10.06	21' 4"	6.50	237	108
23-36CR	3605-3608	36	10.97	26' 8"	8.13	284	129
23-36CR-18	3605-3640S	36	10.97	24' 0"	7.32	340	155
23-39CR	3905-3908	39	11.89	32' 0"	9.75	323	147
23-39CR-18	3905-3940S	39	11.89	32' 0"	9.75	432	196

All systems include one 4' (1.22 m) length of 18 gauge (1.14 mm) plain pipe, 18 gauge (1.14 mm) perforated pipe quantity shown above; one plain and one perforated end cap; one inlet adapter without angle ring; and one connector clamp for each length of perforated pipe included.

Connector clamps provide extra reinforcement. Pipe rolling can be reduced by laying pipe clamps against bin/silo floor.

All systems use 12" (300 mm) fan with 3/4 HP (0.56 kW) motor - except 23-36CR-18 and 23-39CR-18, which uses an 18" (460 mm) fan. 14" (355 mm) fan can be adapted to 12" ducting (optional). Use a part number 231073 12" to 14" Angle ring transition @ \$ 119.00 extra and 11 pounds. (Shipped loose, not welded onto inlet adapter.)

All 18" (460 mm) systems have annular band clamps in lieu of smooth.

Roof vents required. See Flush Form Aeration Price List for quantity.

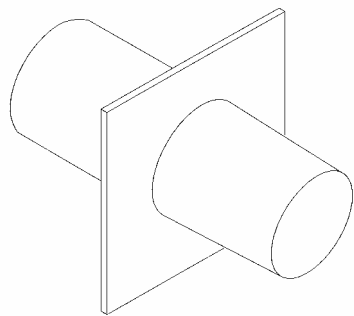
Grain spreaders are desirable in all units for distribution of fines material throughout the bin/silo.

Call SCAFCO Sales Department for variations to above parameters.

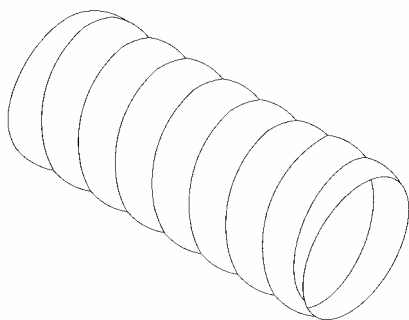
See separate price sheets for parts included in above systems.

Special systems for all bin/silo sizes and grain depths are available. Other pipe diameters are available by special quotation. Contact SCAFCO Sales Department for information.

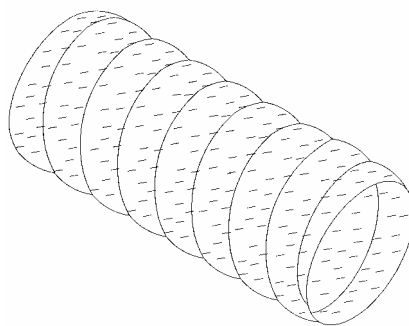
Above Floor Aeration Systems



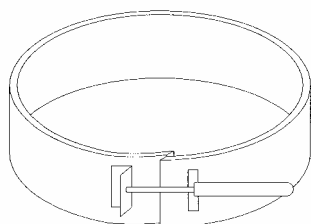
Inlet Adapter (Entrance Transition)



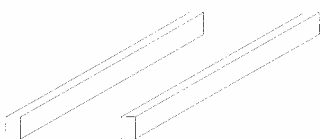
Plain Pipe



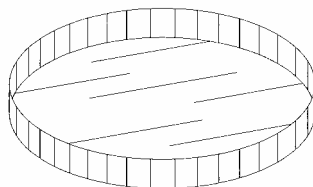
Perforated Pipe



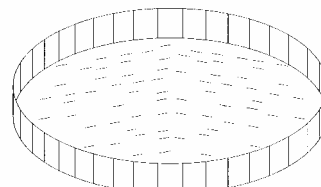
Clamp & Reinforcement



Weather Stripping



Plain (Solid) End Cap

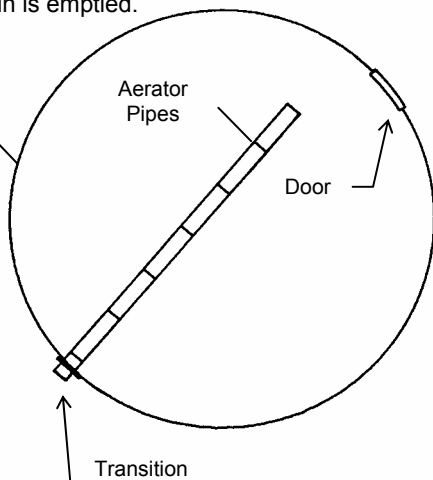


Perforated End Cap

Placement Variations Top Views of Bin Base

NO UNLOADING TUBE

Place aerator opposite bin wall door. This allows pipe sections to be easily dismantled when bin is emptied.

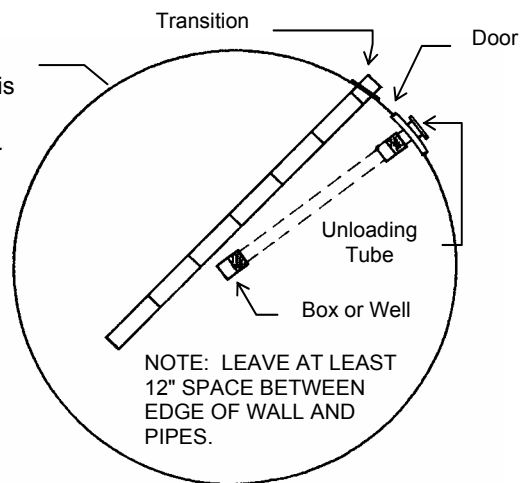
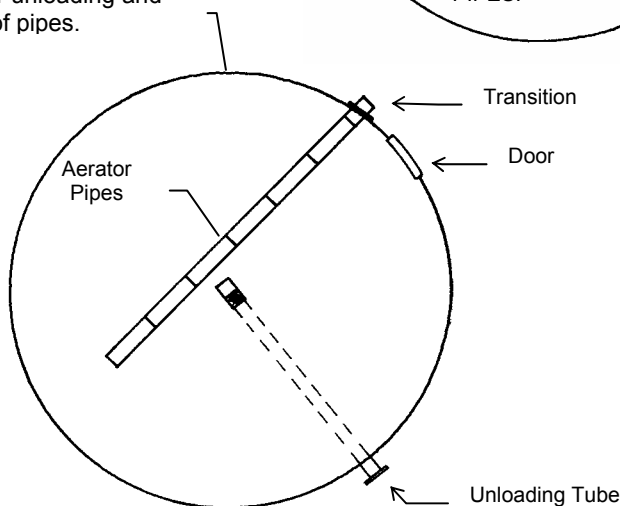


DOUBLE BOX UNLOADING TUBE

Place aerator on right side of tube. This allows easier sweep auger movement for unloading and the removal of pipes. Transition should be approximately 18 to 24 inches from the unloading tube.

SINGLE BOX UNLOADING TUBE

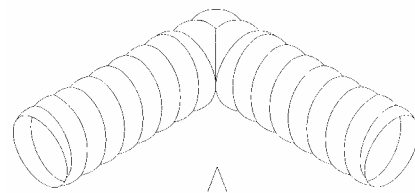
Place aerator on right side of bin wall door. This allows easier sweep auger movement for unloading and the removal of pipes.



Above Floor Aeration Components

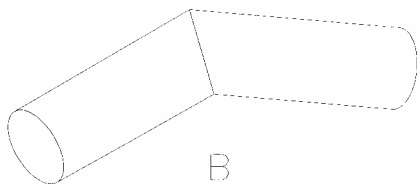
A. Perforated, Corrugated 45 Degree Elbow

PART NUMBER	DIAMETER INCHES	DIAMETER MILLIMETERS	WEIGHT (lb)	WEIGHT (kg)
231015	12"	300 mm	40	18
231016	18"	460 mm	56	25
231017	24"	610 mm	69	31



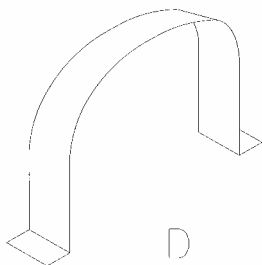
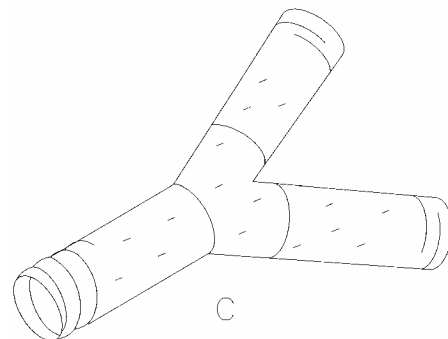
B. Special Hopper Bin/Silo Elbow - Plain

PART NUMBER	DIAMETER INCHES	DIAMETER MILLIMETERS	WEIGHT (lb)	WEIGHT (kg)	ANGLE
231018	12"	300 mm	29	13	45°
231019	12"	300 mm	29	13	37°
231020	18"	460 mm	42	19	45°
231021	18"	460 mm	42	19	37°
231022	24"	610 mm	38	17	45°
231023	24"	610 mm	38	17	37°



C. Corrugated, Perforated "Y"

PART NUMBER	DIAMETER INCHES	DIAMETER MILLIMETERS	WEIGHT (lb)	WEIGHT (kg)
231024	12"	300 mm	60	27
231025	18"	460 mm	84	38
231026	24"	610 mm	103	47



D. Tie - Down Strap For Hopper Bin/Silo Aeration

PART NUMBER	DIAMETER INCHES	DIAMETER MILLIMETERS	WEIGHT (lb)	WEIGHT (kg)
234033	12"	300 mm	2	0.7
234034	18"	460 mm	2	1.0
234035	24"	610 mm	3	1.4

Corrugated Galvanized Aeration Pipe

Perforated Pipe X 18 Gauge (1.17 mm)						
PART NUMBER	DIAMETER (INCHES)	DIA. (mm)	LENGTH (FEET)	LENGTH (METERS)	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
233008	12"	300	5' 4"	1.63	40	18
233009	12"	300	8' 0"	2.44	60	27
233106* +	12"	300	PER ft	-----	8	4
233024	18"	460	5' 4"	1.63	56	26
233025	18"	460	8' 0"	2.44	84	38
233026	18"	460	10' 0"	3.05	105	48
233084	18"	460	20' 0"	6.10	209	95
233110* +	18"	460	PER ft	-----	10	5
233016*	24"	610	5' 4"	1.63	69	31
233017*	24"	610	8' 0"	2.44	103	47
233018*	24"	610	10' 0"	3.05	126	57
233075*	24"	610	20' 0"	6.10	252	115
233114* +	24"	610	PER ft	-----	13	6
Plain Pipe X 16 Gauge (1.58 mm)						
233047	12"	300	4' 0"	1.22	29	14
233108* +	12"	300	PER ft	-----	8	4
233036	18"	460	4' 0"	1.22	42	19
233112* +	18"	460	PER ft	-----	11	5
233040*	24"	610	4' 0"	1.22	56	25
233116* +	24"	610	PER ft	-----	14	6

USE 18 GAUGE (1.17 mm) FOR EAVE HEIGHTS BELOW 64' (19.52 m).

+ The above per foot line item prices are for a truckload basis only. Truckload quantities are based on the following minimum footage:

12" (300 mm) Diameter = 2,560 (781 m) feet
18" (460 mm) Diameter = 1,000 (305 m) feet
24" (610 mm) Diameter = 640 (195 m) feet

- All pipe is spiral, corrugated ½" x 2-2/3" with re-corrugated ends.

Complete Line Of 18" (460 mm) and 24" (610 mm) Corrugated Aeration Pipe Available In 20' (6.10 m) And Special Lengths. Inquire From SCAFCO Sales Department.

* Non-Stock items. Longer lead-times apply.

Corrugated Galvanized Aeration Pipe Components & Accessories

End Caps					
DIAMETER (INCHES)	DIA. (mm)	SHIPPING WEIGHT (lb)	SHIP WEIGHT (kg)	PERFORATED PART NUMBER	PLAIN (SOLID) PART NUMBER
12"	300	2	1	234026	234029
18"	460	4	2	234027	234030*
24"	610	7	3	234028	234031*

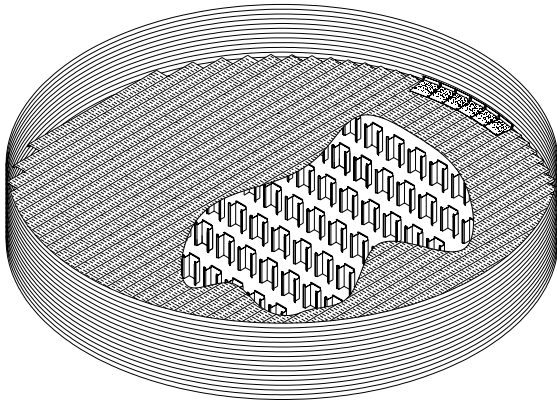
Clamp Bands with Hardware					
PART NUMBER	DIAMETER (INCHES)	DIA. (mm)	STYLE	SHIPPING WEIGHT (lb)	SHIP WEIGHT (kg)
231029	12"	300	Smooth with Handle	7	3
233043	12"	300	Corrugated, Annular	8	4
233044	18"	460	Corrugated, Annular	11	5
233045	24"	610	Corrugated, Annular	15	7

Neoprene Band Gaskets (2 Required Per Corrugated, Annular Clamp Band)				
PART NUMBER	DIAMETER (INCHES)	DIA. (mm)	SHIPPING WEIGHT (lb)	SHIP WEIGHT (kg)
290490	12"	300	0.2	0.05
290492	18"	460	0.2	0.05
290494	24"	610	0.2	0.10

Inlet Adapters (Entrance Transitions)				
PART NUMBER	DIAMETER (INCHES)	DIA. (mm)	SHIPPING WEIGHT (lb)	SHIP WEIGHT (kg)
Without Angle Ring				
231006	12"	300	15	7
With Angle Ring Attached				
231045*	12"	300	20	9
231007*	18"	460	29	13
231008*	24"	610	54	24
Bolt On Style For Use On Stiffened Bins/Silos With Angle Ring Attached				
231058*	12"	300	28	13
231033*	18"	460	66	30
231034*	24"	610	96	44

- Inlet adapters are 2' 0" (0.61 m) long with 1' 6" (0.46 m) projection into the structure.
- Other fittings (T's, Y's, Elbows, etc.) are available by special quotation.

*Non-Stock items. Longer lead-times apply.



SCAFCO Perforated Plank Floor System For Drying And Aeration

PERFORATED PLANK FLOOR SYSTEM DESIGNED TO FORM A RAISED FLOOR PLENUM IN THE GRAIN BIN/SILO FOR IN-BIN/SILO DRYING AND AERATION

SPECIFICATIONS: The perforated planks and support legs are designed as a system to accommodate various grain bin/silo depths. Each bin/silo diameter and wall height requires specific plank lengths and specific quantities and support leg locations. An erection manual is supplied with each system showing support leg location requirements.

The floor and steel substructure is designed to withstand normal operating loads imposed by stirring equipment. Bins/silos using grain circulating systems (Sukup FastDry Plus, NECO CircuFlow and others) will require additional support legs under the plank floor.

The perforated plank is 19 gauge (1.02 mm) galvanized steel with approximately 13% open area. Standard floors have 3/32" (2.38 mm) diameter round holes. Small seed floors have 0.050" (1.27 mm) diameter round holes. The plank is 7" (180 mm) wide by 1½" (40 mm) deep and will be available in various lengths. Planks are corrugated across the plank width for additional strength. Each plank will be slightly crowned to assure a tight seal with adjacent planks as the floor is loaded.

Support legs are 18 gauge (1.17 mm) die-formed galvanized steel up to 28' 6" (8.69 m) grain depth; 32' (9.75 m) and higher depths support legs are 16 gauge (1.47 mm). Each leg is notched at the top to accept the floor planks. Legs are 13" (330 mm) high. No fastening is required between support legs and floor planks.

Galvanized steel flashing seals the perimeter of the bin/silo wall to the perforated floor. Flashing is perforated and punched at 9-3/8" (238 mm) on center for bolting to the bin/silo wall. Bolts are provided for attaching the flashing to the bin/silo wall. Self-drilling fasteners are included for attaching the flashing to the floor planks. Pre-punched bottom wall sheets may be purchased with the bin/silo to accept the flashing (Optional).

When the perforated plank floor system is installed in internally stiffened grain storage bins/silos, the installer must field notch and seal flashing and plank around stiffener projections. No modifications are necessary for non-stiffened or externally stiffened bins/silos.

The floor system is designed to provide efficient air flow when the fan transition is located perpendicular to the length of the installed floor planks. There are a number of other uses for perforated self-locking floor planks.

Perforated Plank Drying Floors

Perforated Plank, Flashing and Support Legs for 13" (330 mm)

18' (5.49 m) GRAIN DEPTH - 18 GAUGE (1.17 mm) LEGS				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237409	12'	3.66	600	272
237191	15'	4.57	885	401
237101	18'	5.49	1,212	550
237102	21'	6.40	1,598	725
237103	24'	7.32	2,030	921
237104	27'	8.23	2,538	1,151
237105	30'	9.14	3,114	1,413
237106	33'	10.06	3,738	1,696
237107	36'	10.97	4,432	2,010
237182	39'	11.89	5,211	2,364
237108	42'	12.80	6,141	2,786
237109	48'	14.63	8,015	3,636

22' (6.71 m) GRAIN DEPTH - 18 GAUGE (1.17 mm) LEGS				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237410	12'	3.66	606	275
237192	15'	4.57	896	406
237111	18'	5.49	1,234	560
237112	21'	6.40	1,614	732
237113	24'	7.32	2,057	933
237114	27'	8.23	2,584	1,172
237115	30'	9.14	3,142	1,425
237116	33'	10.06	3,793	1,721
237117	36'	10.97	4,498	2,040
237183	39'	11.89	5,282	2,396
237118	42'	12.80	6,276	2,847
237119	48	14.63	8,166	3,704

25' (7.62 m) GRAIN DEPTH - 18 GAUGE (1.17 mm) LEGS				
PART NUMBER	SILO DIAMETER FEET	SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237411	12'	3.66	606	275
237193	15'	4.57	907	411
237121	18'	5.49	1,256	570
237122	21'	6.40	1,639	743
237123	24'	7.32	2,085	946
237124	27'	8.23	2,634	1,195
237125	30'	9.14	3,213	1,457
237126	33'	10.06	3,864	1,753
237127	36'	10.97	4,599	2,086
237184	39'	11.89	5,414	2,456
237128	42'	12.80	6,426	2,915
237129	48'	14.63	8,349	3,787

Perforated Plank Drying Floors

Perforated Plank, Flashing and Support Legs for 13" (330 mm)

32' (9.75 m) GRAIN DEPTH - 16 GAUGE (1.47 mm) LEGS

PART NUMBER	SILO DIAMETER FEET	SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237130	24'	7.32	2,332	1,058
237131	27'	8.23	2,937	1,332
237132	30'	9.14	3,554	1,612
237133	33'	10.06	4,319	1,959
237134	36'	10.97	5,147	2,335
237185	39'	11.89	6,086	2,761
237135	42'	12.80	7,241	3,285
237136	48'	14.63	9,409	4,268

40' (12.19 m) GRAIN DEPTH - 16 GAUGE (1.47 mm) LEGS

PART NUMBER	SILO DIAMETER FEET	SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237137	24'	7.32	2,452	1,112
237138	27'	8.23	3,059	1,388
237139	30'	9.14	3,726	1,690
237140	33'	10.06	4,512	2,047
237141	36'	10.97	5,324	2,415
237186	39'	11.89	6,357	2,884
237142	42'	12.80	7,514	3,408
237143	48'	14.63	9,943	4,510

48' (14.63 m) GRAIN DEPTH - 16 GAUGE (1.47 mm) LEGS

PART NUMBER	SILO DIAMETER FEET	SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237144	24'	7.32	2,515	1,141
237145	27'	8.23	3,160	1,433
237146	30'	9.14	3,844	1,744
237147	33'	10.06	4,679	2,122
237148	36'	10.97	5,512	2,500
237187	39'	11.89	6,455	2,928
237149	42'	12.80	7,615	3,454
237150	48'	14.63	10,124	4,592

CORRUGATED AERATION FLOORS AND SUPPORTS ARE AVAILABLE FOR ALL SIZES AND HEIGHTS OF GRAIN STORAGE BINS/SILOS.

Perforated Plank Drying Floors
Perforated Plank, Flashing and Support Legs for 13" (330 mm)

22' (6.71 m) GRAIN DEPTH WITH GRAIN CIRCULATING SYSTEM				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237165	24'	7.32	2,764	1,254
237166	27'	8.23	2,764	1,254
237167	30'	9.14	3,495	1,585
237168	33'	10.06	4,244	1,925
237169	36'	10.97	4,992	2,264
237190	39'	11.89	5,859	2,658
237170	42'	12.80	7,193	3,263
237171	48'	14.63	9,100	4,128

PERFORATED FLOOR & FLASHING ONLY (CUSTOMER SUPPLIED SUPPORT SYSTEMS)				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
238116	12'	3.66	376	171
238115	15'	4.57	571	259
238101	18'	5.49	807	366
238102	21'	6.40	1,083	491
238103	24'	7.32	1,400	635
238104	27'	8.23	1,757	797
238105	30'	9.14	2,158	979
238106	33'	10.06	2,593	1,176
238107	36'	10.97	3,073	1,394
238114	39'	11.89	3,594	1,630
238108	42'	12.80	4,171	1,892
238109	48'	14.63	5,420	2,459

NOTE: SCAFCO FLOOR WARRANTY ONLY VALID WHEN SUPPORT SYSTEMS ARE MANUFACTURED BY SCAFCO. NO WARRANTY ON FLOORS WITH CUSTOMER SUPPLIED SUPPORT SYSTEMS.

PERFORATED FLOOR COMPONENTS		
PART NUMBER	ITEM	WEIGHT
214574*	Perforated Plank	1.70 lb (0.77 kg)/Foot (305 mm)
214587*	Plain Plank	1.45lb (0.67 kg)/Foot (305 mm)
235017	Flashing	1.65 lb (0.75 kg) Each
235019*	Canola Plank	1.78 lb (0.81 kg)/Foot (305 mm)
235018*	Canola Flashing	1.67 lb (0.76 kg) Each
235100	13" (330 mm) Support Legs/18 GA (1.14 mm)	2.8 lb (1.3 kg) Each
235103	13" (330 mm) Support Legs/16 GA (1.45 mm)	3.5 lb (1.6 kg) Each

* Lengths under 2' 0" (0.61 m) long – double the above per foot list price.

PERFORATED PLANK DRYING FLOORS
Perforated Plank, Flashing and Support Legs For 13" (330 mm) Floor Height
0.050 Inch [1.27 mm Holes For Small Seeds (CANOLA)]

18' (5.49 m) GRAIN DEPTH - 18 GAUGE (1.14 mm) LEGS				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237409C	12'	3.66	600	272
237191C	15'	4.57	885	401
237101C	18'	5.49	1,212	550
237102C	21'	6.40	1,598	725
237103C	24'	7.32	2,030	921
237104C	27'	8.23	2,538	1,151
237105C	30'	9.14	3,114	1,413
237106C	33'	10.06	3,738	1,696
237107C	36'	10.97	4,432	2,010
237182C	39'	11.89	5,211	2,364
237108C	42'	12.80	6,141	2,786
237109C	48'	14.63	8,015	3,636

22' (6.71M) GRAIN DEPTH - 18 GAUGE (1.14 mm) LEGS				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237410C	12'	3.66	606	275
237192C	15'	4.57	896	406
237111C	18'	5.49	1,234	560
237112C	21'	6.40	1,614	732
237113C	24'	7.32	2,057	933
237114C	27'	8.23	2,584	1,172
237115C	30'	9.14	3,142	1,425
237116C	33'	10.06	3,793	1,721
237117C	36'	10.97	4,498	2,040
237183C	39'	11.89	5,282	2,396
237118C	42'	12.80	6,276	2,847
237119C	48'	14.63	8,166	3,704

25' (7.62 m) GRAIN DEPTH - 18 GAUGE (1.14 mm) LEGS				
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	SHIPPING WEIGHT (lb)	SHIPPING WEIGHT (kg)
237411C	12'	3.66	606	275
237193C	15'	4.57	907	411
237121C	18'	5.49	1,256	570
237122C	21'	6.40	1,639	743
237123C	24'	7.32	2,085	946
237124C	27'	8.23	2,634	1,195
237125C	30'	9.14	3,213	1,457
237126C	33'	10.06	3,864	1,753
237127C	36'	10.97	4,599	2,086
237184C	39'	11.89	5,414	2,456
237128C	42'	12.80	6,426	2,915
237129C	48'	14.63	8,349	3,787

Straight Parallel Aeration Systems

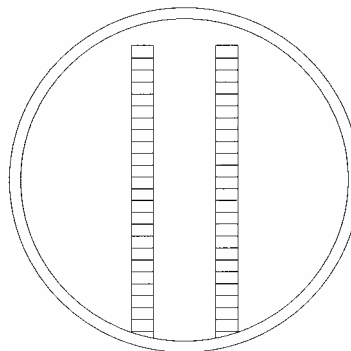
PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	DECK GAUGE	QTY BEAMS PER TRENCH	PERFORATED FLOOR AREA SQUARE FEET	PERFORATED FLOOR AREA SQUARE METERS	WEIGHT (lb)	WEIGHT (kg)
23-24CSP-64	24	7.32	18	1	94	8.73	407	185
23-24CSP-68	24	7.32	18	1	94	8.73	420	191
23-27CSP-64	27	8.23	18	1	104	9.66	442	200
23-27CSP-68	27	8.23	18	1	104	9.66	455	206
23-30CSP-64	30	9.14	18	1	112	10.40	523	237
23-30CSP-68	30	9.14	18	1	112	10.40	536	243
23-33CSP-64	33	10.06	18	1	120	11.15	571	259
23-33CSP-68	33	10.06	18	1	120	11.15	591	268
23-36CSP-64	36	10.97	18	1	128	11.89	662	300
23-36CSP-68	36	10.97	14	1	128	11.89	840	381
23-39CSP-64	39	11.89	18	1	134	12.45	662	300
23-39CSP-68	39	11.89	14	1	134	12.45	840	381
23-42CSP-64	42	12.80	14	1	143	13.28	1,072	486
23-42CSP-68	42	12.80	18	2	143	13.28	1,143	518
23-48CSP-64	48	14.63	14	1	184	17.08	1,230	558
23-48CSP-68	48	14.63	18	2	184	17.08	1,314	596

ALL SYSTEMS CONSIST OF PLAIN AND PERFORATED CORRUGATED DECKING, 15 GAUGE (1.63 mm) X 4" (100 mm) WIDE HAT-BEAMS, 16 GAUGE (1.47 mm) X 12" (305 mm) HIGH SUPPORT LEGS, 12 GAUGE (2.59 mm) TRENCH COVER PLATES AND FASTENERS. THE PLAIN AND PERFORATED CORRUGATED DECKING ARE EITHER 18 GAUGE (1.17 mm) OR 14 GAUGE (1.83 mm) THICK GALVANIZED STEEL.

USE "-64" SYSTEMS FOR BINS (SILOS) WITH EAVE HEIGHTS UP TO 64' (19.5 m)

USE "-68" SYSTEMS FOR BINS (SILOS) WITH EAVE HEIGHTS ABOVE 64' (19.5 m)

FANS AND TRANSITIONS ARE NOT INCLUDED.



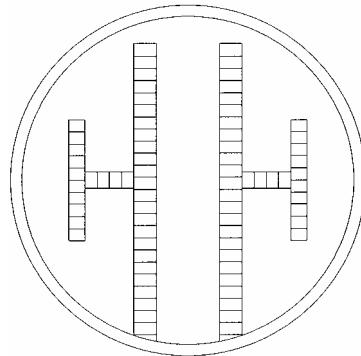
Straight Parallel

Double H-Pattern Aeration Systems

PART NUMBER	BIN/SILO DIA. IN FEET	BIN/SILO DIA. IN METERS	EAVE HEIGHT	DECK GAUGE	PERFORATED FLOOR AREA SQUARE FEET	PERFORATED FLOOR AREA SQUARE METERS	WEIGHT (lb)	WEIGHT (kg)
23-48CDH-48	48	14.63	32' - 48'	18	383	36	1,813	822
23-48CDH-64	48	14.63	52' - 64'	18	383	36	1,858	843
23-48CDH-68	48	14.63	68' & HIGHER	14	383	36	2,467	1,119
23-54CDH-48	54	16.46	32' - 48'	18	454	42	2,147	974
23-54CDH-64	54	16.46	52' - 64'	14	454	42	2,726	1,237
23-54CDH-68	54	16.46	68' & HIGHER	14	454	42	2,882	1,307
23-60CDH-48	60	18.29	32' - 48'	18	488	45	2,301	1,044
23-60CDH-64	60	18.29	52' - 64'	14	488	45	2,919	1,324
23-60CDH-68	60	18.29	68' & HIGHER	14	488	45	3,088	1,401
23-72CDH-48	72	21.95	32' - 48'	18	787	73	4,076	1,849
23-72CDH-64	72	21.95	52' - 64'	14	787	73	5,328	2,417
23-72CDH-68	72	21.95	68' & HIGHER	14	787	73	5,587	2,534
23-75CDH-48	75	22.88	32' - 48'	18	845	79	4,333	1,965
23-75CDH-64	75	22.88	52' - 64'	14	845	79	5,687	2,580
23-75CDH-68	75	22.88	68' & HIGHER	14	845	79	5,953	2,700
23-78CDH-48	78	23.77	32' - 48'	18	973	91	5,203	2,360
23-78CDH-64	78	23.77	52' - 64'	14	973	91	6,803	3,086
23-78CDH-68	78	23.77	68' & HIGHER	14	973	91	7,141	3,239
23-90CDH-48	90	27.43	32' - 48'	18	1,102	103	6,249	2,835
23-90CDH-64	90	27.43	52' - 64'	14	1,102	103	8,129	3,687
23-90CDH-68	90	27.43	68' & HIGHER	14	1,102	103	8,556	3,881
23-105CDH-48	105	32.00	32' - 48'	14	1,597	149	10,534	4,778
23-105CDH-64	105	32.00	52' - 64'	14	1,597	149	11,150	5,058
23-105CDH-68	105	32.00	68' & HIGHER	14	1,597	149	12,463	5,653

ALL SYSTEMS CONSIST OF PLAIN AND PERFORATED CORRUGATED DECKING, 15 GAUGE (1.63 mm) X 4" (100 mm) WIDE HAT-BEAMS, 16 GAUGE (1.47 mm) X 12" (305 mm) HIGH SUPPORT LEGS, 12 GAUGE (2.59 mm) LEDGER ANGLES, PERFORATED STRIPS, CORRUGATED FILLER STRIPS AND FASTENERS. THE PLAIN AND PERFORATED CORRUGATED DECKING ARE EITHER 18 GAUGE (1.17 mm) OR 14 GAUGE (1.83 mm) THICK GALVANIZED STEEL.

FANS AND TRANSITIONS ARE NOT INCLUDED.



Double H-Pattern

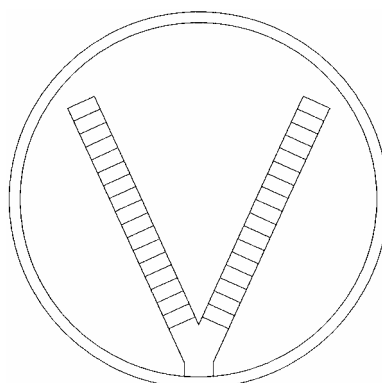
Wide Y Aeration Systems

PART NUMBER	BIN/SILO DIAMETER FEET	BIN/SILO DIAMETER METERS	DECK GAUGE	QTY BEAMS PER TRENCH	PERFORATED FLOOR AREA SQUARE FEET	PERFORATED FLOOR AREA SQUARE METERS	WEIGHT (lb)	WEIGHT (kg)
23-18CY-64	18	5.49	18	1	53	4.92	305	138
23-18CY-68	18	5.49	18	1	53	4.92	312	142
23-21CY-64	21	6.40	18	1	64	5.95	345	156
23-21CY-68	21	6.40	18	1	64	5.95	352	160
23-24CY-64	24	7.32	18	1	75	6.97	385	175
23-24CY-68	24	7.32	18	1	75	6.97	398	181
23-27CY-64	27	8.23	18	1	85	7.90	432	196
23-27CY-68	27	8.23	18	1	85	7.90	438	199
23-30CY-64	30	9.14	18	1	107	9.94	498	226
23-30CY-68	30	9.14	18	1	107	9.94	511	232
23-33CY-64	33	10.06	18	1	117	10.87	545	247
23-33CY-68	33	10.06	18	1	117	10.87	558	253
23-36CY-64	36	10.97	18	1	128	11.89	578	262
23-36CY-68	36	10.97	18	1	128	11.89	591	268
23-39CY-64	39	11.89	18	1	149	13.84	664	301
23-39CY-68	39	11.89	18	1	149	13.84	684	310
23-42CY-64	42	12.80	18	1	160	14.86	710	322
23-42CY-68	42	12.80	14	1	160	14.86	944	428
23-48CY-64	48	14.63	18	1	181	16.82	810	367
23-48CY-68	48	14.63	14	1	181	16.82	1,057	479

ALL SYSTEMS CONSIST OF PLAIN AND PERFORATED CORRUGATED DECKING, 15 GAUGE (1.63 mm) X 4" (100 mm) WIDE HAT-BEAMS, 16 GAUGE (1.47 mm) X 12" (305 mm) HIGH SUPPORT LEGS, 12 GAUGE (2.59 mm) TRENCH COVER PLATES AND FASTENERS. THE PLAIN AND PERFORATED CORRUGATED DECKING ARE EITHER 18 GAUGE (1.17 mm) OR 14 GAUGE (1.83 mm) THICK GALVANIZED STEEL.

USE "-64" SYSTEMS FOR BINS (SILOS) WITH EAVE HEIGHTS UP TO 64' (19.5 m)
USE "-68" SYSTEMS FOR BINS (SILOS) WITH EAVE HEIGHTS ABOVE 64' (19.5 m)

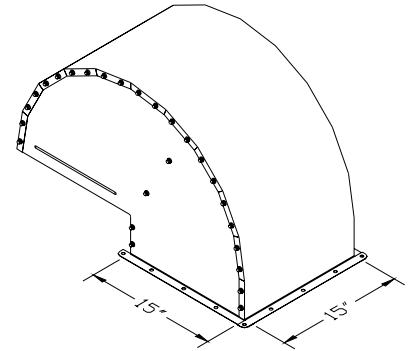
FANS AND TRANSITIONS ARE NOT INCLUDED.



Wide Y

Gooseneck Roof Vent Roof Ladders/Safety Steps

Gooseneck Roof Vent		
Complete galvanized roof vent with 3/4" (19 mm) mesh screen and galvanized steel angle base. Opening is at 90 degrees.		
PART NUMBER	WEIGHT (lb)	WEIGHT (kg)
239020	15	7



Bin/Silo Roof Ladders (Cleats)			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
211552	12' & 14' (3.66 m & 4.27 m) Roof Ladder	3	1.4
211553	15' (4.57 m) Roof Ladder	5	2.3
211554	18' (5.49 m) Roof Ladder	8	3.7
211555	21' (6.40 m) Roof Ladder	11	5.0
211556	24' (7.32 m) Roof Ladder	15	6.9
211380	27' (8.23 m) Roof Ladder	10	4.6
211381	30' (9.14 m) Roof Ladder	15	6.8
211377	33' (10.06 m) Roof Ladder	19	8.7
211382	36' (10.97 m) Roof Ladder	23	10.5
211482	39' (11.89 m) Roof Ladder	26	11.8
211383	42' (12.80 m) Roof Ladder	30	13.5
211384	48' (14.63 m) Roof Ladder*	22	10.0
211892	54' (16.46 m) Roof Ladder*	41	18.4
211893	60' (18.29 m) Roof Ladder*	37	16.8
211894	72' (21.95 m) Roof Ladder*	59	26.6
211895	78' (23.77 m) Roof Ladder*	65	29.6
211896	90' (27.43 m) Roof Ladder*	57	25.9
211897	105' (32.00 m) Roof Ladder*	85	38.5

*SEE PAGE 25 FOR ROOF STAIRWAY PACKAGES

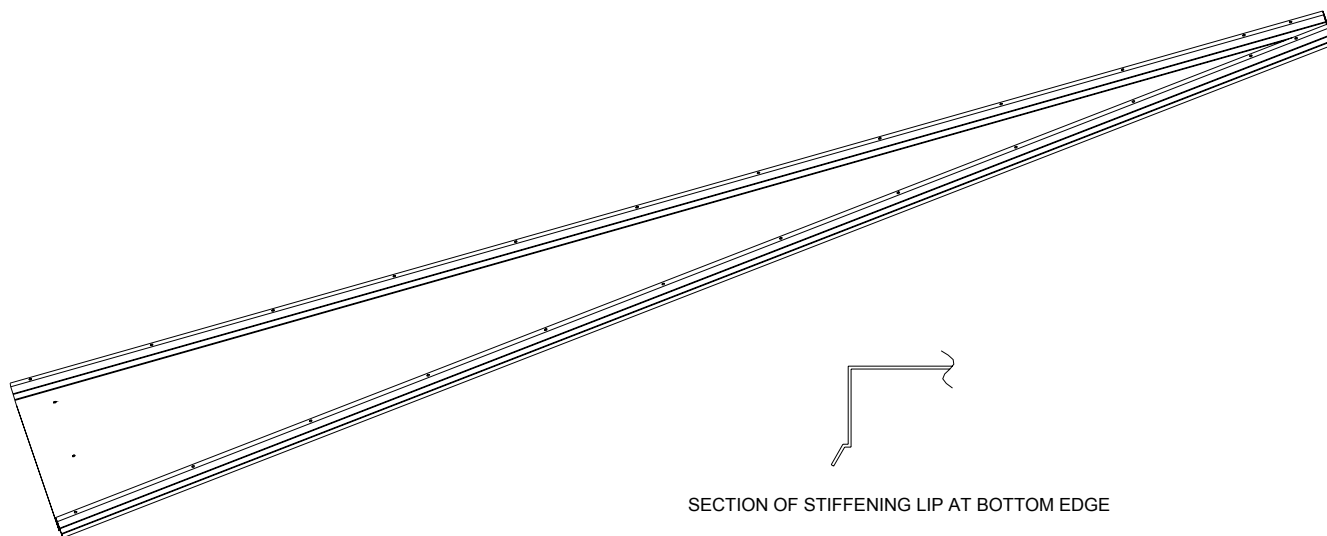
Safety Steps (Cleats)			
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
211551	12' To 24' (3.66 m To 7.32 m) Diameter Safety Steps	8	3.6
211378	27' To 90' (8.23 m To 27.43 m) Diameter Safety Steps	8	3.6

Roof Clips/Doors/Bolts

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
ROOF CLIPS			
214622	12' To 105' (3.66 m To 30.48 m) Center Clip (Each)	0.3	0.2
214520	12' To 105' (3.66 m To 30.48 m) Rib Clip (Each)	0.5	0.2
218300	12'-15' Dia. Roof Additional Center Clips & Hardware Package	11.0	5.0
218301	18'-24' Dia. Roof Additional Center Clips & Hardware Package	22.0	10.0
218302	27'-39' Dia. Roof Additional Center Clips & Hardware Package	33.0	15.0
218312	42' Dia. Roof Additional Center Clips & Hardware Package	44.0	20.0
218303	48' Dia. Roof Additional Center Clips & Hardware Package	93.0	42.0
218304	54' Dia. Roof Additional Center Clips & Hardware Package	100.0	45.0
218305	60' Dia. Roof Additional Center Clips & Hardware Package	117.0	53.0
218306	72' Dia. Roof Additional Center Clips & Hardware Package	134.0	61.0
218307	75' Dia. Roof Additional Center Clips & Hardware Package	127.0	58.0
218308	78' Dia. Roof Additional Center Clips & Hardware Package	143.0	65.0
218309	90' Dia. Roof Additional Center Clips & Hardware Package	145.0	66.0
218310	105' Dia. Roof Additional Center Clips & Hardware Package	131.0	59.0
DOORS			
211157R	Walk-in Door Assembly (Field Located) (Auger Hood optional), 28" x 60" (711 mm x 1,524 mm)	243.0	111
214387	Auger Hood	13.0	6
211775	Heavy Duty Walk-In Door Assembly, 28" x 60" (711 mm x 1,524 mm) (For Stiffened Bin/Silo)	379.0	172
211803	23-1/2" x 26" x 1/4" (597 mm x 660 mm x 6.35 mm) Heavy-Duty Access Door, <u>Shop Welded</u> into Wall Sheet, Complete with Hinged Inner & Outer Door Panels, 3 gauge Angle Iron Frame and Hardware	270.0	123
211826	23-1/2" x 26" x 1/4" (597 mm x 660 mm x 6.35 mm) Heavy Duty Access Door, <u>Field Installed</u> , Complete with Hinged Inner & Outer Door Panels, 3 gauge Angle Iron Frame and Hardware	167.0	76
214082	Corrugated Filler Strips x 40-3/4" (1,035 mm) Long Each	0.1	0.05
BOLTS (Minimum Quantity Per Item is 100 Pieces)			
290001	5/16" (7.9 mm)-18 x 3/4" (19 mm) Bolt With Sealing Washer-Grade 8.2	3.2/C	1.5/C
290002	5/16" (7.9 mm)-18 x 1 1/4" (32 mm) Bolt With Sealing Washer-Grade 8.2	4.1/C	1.86/C
290410	5/16" 18 x 3/4" (19 mm) Truss Head Bolt With Vinyl Washer-Grade 8.2	3.2/C	1.43/C
290007	5/16" (7.9 mm) Sealing Washer	0.6/C	.24/C
290010	5/16" (7.9 mm) - 18 Hex Nut	1.2/C	0.54/C
290103	3/8" x 1" (9.5 mm x 25 mm) Bolt With Sealing Washer-Grade 8.2	5.5/C	2.48/C
290389	3/8" x 1-1/4" (9.5 mm x 31 mm) Bolt With Sealing Washer-Grade 8.2	6.1/C	2.77/C
290160	3/8" x 1-1/2" (9.5 mm x 38 mm) Bolt With Sealing Washer-Grade 8.2	6.72/C	3.1/C
290158	3/8" x 1" Socket Button-head Bolt	3.57/C	1.62/C
290014	3/8" (9.5 mm) Hex Nut	1.7/C	0.77/C
290013	3/8" (9.5 mm) Plated Washer	1.58/C	0.72/C
290042	3/8" (9.5 mm) Sealing Washer	0.42/C	0.19/C
290185	7/16" (11 mm) Sealing Washer	0.55/C	0.25/C
290162	5/8" x 12" (16 mm x 300 mm) Plated Anchor Bolt With Nut & Washer	1.4	0.62
290437	3/4" x 12" (19 mm x 300 mm) Plated Anchor Bolt With Nut & Washer	2.0	0.90

FASTENERS/MISCELLANEOUS

PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)
FASTENERS (Minimum Quantity Per Item is 100 Pieces)			
290190	12 - 14 x 3/4" (19 mm) Self-Drilling Fasteners	0.82/C	0.38/C
290155	12 - 14 x 3/4" (19 mm) Self-Drilling Deck Screw MB/HT W/Sealing Washer	1.37/C	0.62/C
290186	14 - 10 x 1" (25 mm) Self-Tapping Screw With Sealing Washer	2.09/C	0.95/C
MISCELLANEOUS			
214107	Anchor Clip	1	0.5
214108	Anchor Clip Back-Up Plate	1	0.5
214895	2" x 12 GA x 8' Long (50 mm x 1.83 mm x 2.44 m) Retrofit Stiffener	12	5.0
290021	3/16" x 25' Long (4.8 mm x 7.62 m) Bead Sealant (48 rolls per case)	1	0.5
210352	Seismic Anchor for non-stiffened bins/silos	5	2.3
ROOF CAP			
210001	Roof Cap Assembly (12' - 24' [3.66 m - 7.32 m] Bins/Silos)	26	12
211375	Roof Cap Assembly (27' - 105' [8.23 m - 32.00 m] Bins/Silos)	35	16
210001HD	Heavy Duty Roof Cap Assembly - 26" (610 mm) Diameter	34	16
211375HD	Heavy Duty Roof Cap Assembly - 42 1/4" (1073 mm) Diameter	59	27
210486	Heavy Duty Roof Cap Assembly - 66 1/4" (1653 mm) Diameter	123	56
WEATHERSKIRTS			
210340	12' - 15' (3.66 m - 7.32 m) High-Rib Weatherskirt - Box Rib Roof (One Piece) with Closeout Sheet	18	8.2
210196	12' - 24' (3.66 m - 7.32 m) High-Rib Weatherskirt - Box Rib Roof (One Piece)	37	17
211376	27' - 48' (8.23 m - 14.63 m) Weatherskirt Assembly (36 Pieces)	23	10
SEGMENT RINGS			
214756	12' - 24' (3.66 m - 7.32 m) High-Rib Segment Ring-Box Rib Roof	15	7
214509	27' - 48' (8.23 m - 14.63 m) Segment Ring	25	11
ROOF HATCHES (FOR FIELD INSTALLATION)			
218040	24" X 16" X 19" Trapezoidal Inspection Hatch W/Hinged Cover	10	4.5
211794	24" Dia. Roof Inspection Hatch Assembly W/Angle Ring	20	9.1



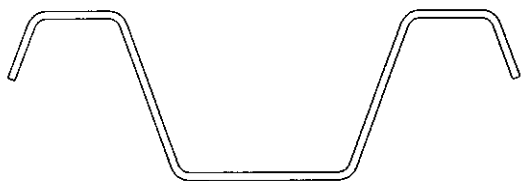
SECTION OF STIFFENING LIP AT BOTTOM EDGE

ROOF PANELS				
PART NUMBER	DESCRIPTION	WEIGHT (lb)	WEIGHT (kg)	
213043	12' (3.66 m) Roof Panel (EACH)	12	5	
210275	12' (3.66 m) Roof Hatch Assembly (Double Wide Panel)	39	18	
213045	15' (4.57 m) Roof Panel (EACH)	21	10	
210276	15' (4.57 m) Roof Hatch Assembly (Double Wide Panel)	44	20	
213046	18' (5.49 m) Roof Panel (EACH)	23	10	
210277	18' (5.49 m) Roof Hatch Assembly	36	16	
213047	21' (6.40 m) Roof Panel (EACH)	29	13	
210278	21' (6.40 m) Roof Hatch Assembly	42	19	
213048	24' (7.32 m) Roof Panel (EACH)	37	17	
210279	24' (7.32 m) Roof Hatch Assembly	49	22	
213024	27' (8.23 m) Roof Panel (EACH)	34	15	
210280	27' (8.23 m) Roof Hatch Assembly	47	21	
213025	30' (9.14 m) Roof Panel (EACH)	48	22	
210281	30' (9.14 m) Roof Hatch Assembly	60	27	
213026	33' (10.06 m) Roof Panel (EACH)	55	25	
210282	33' (10.06 m) Roof Hatch Assembly	68	31	
213027	36' (10.97 m) Roof Panel (EACH)	64	29	
210283	36' (10.97 m) Roof Hatch Assembly	77	35	
213109	39' (11.89 m) Roof Panel (EACH)	72	33	
210407	39' (11.89 m) Roof Hatch Assembly	85	39	
213056	42' (12.80 m) Roof Panel (EACH)	82	37	
210402	42' (12.80 m) Roof Hatch Assembly	95	43	

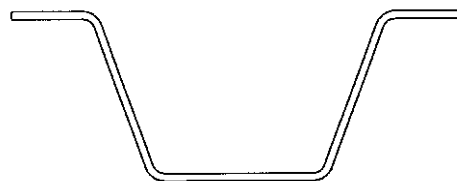
Splice Plates and Stiffeners

PART NO.	DESCRIPTION	LENGTH	LENGTH METRIC	WEIGHT (lb)	WEIGHT (kg)
SPLICE PLATES					
214400	14 Gauge (1.78 mm) Splice Plate	15"	381 mm	3	1.4
214192	12 Gauge (2.59 mm) Splice Plate	15"	381 mm	4	1.8
214124	10 Gauge (3.23 mm) Splice Plate	15"	381 mm	6	2.7
214130	8 Gauge (3.68 mm) Splice Plate	15"	381 mm	6	2.7
214194	7 Gauge (4.55 mm) Splice Plate	15"	381 mm	7	3.2
215691	7 Gauge (4.55 mm) Hybrid Splice Plate	15"	381 mm	11	5.0
INTERMEDIATE STIFFENERS					
214399	14 Gauge (1.78 mm) Stiffener	85.25"	2.17 m	16	7.3
214122	12 Gauge (2.59 mm) Stiffener	85.25"	2.17 m	24	10.8
214121	10 Gauge (3.23 mm) Stiffener	85.25"	2.17 m	29	13.2
214120	8 Gauge (3.68 mm) Stiffener	85.25"	2.17 m	33	15.0
214187	7 Gauge (4.55 mm) Stiffener	85.25"	2.17 m	51	23.2
215380	7 Gauge (4.55 mm) Narrow Stiffener	85.25"	2.17 m	39	18.0
214901	8 Gauge (3.68 mm) Hybrid Stiffener	85.25"	2.17 m	55	25.0
215397	7 Gauge (4.55 mm) Hybrid Stiffener	85.25"	2.17 m	63	29.0
215398	7 Gauge (4.55 mm) Super Hybrid Stiffener	85.25"	2.17 m	78	35.4
BOTTOM STIFFENERS					
215633	7 Gauge (4.55 mm) External Stiffener	94.5625"	2.40 m	57	26.0
215640	7 Gauge (4.55 mm) Internal Stiffener	93.25"	2.37 m	56	25.4
215632	7 Gauge (4.55 mm) Hybrid External Stiffener	94.4375"	2.40 m	73	33.1
215647	7 Gauge (4.55 mm) Hybrid Internal Stiffener	93.125"	2.37 m	71	32.2
215616	7 Gauge (4.55 mm) Super Hybrid External Stiffener	94.4375"	2.40 m	87	39.5
215634	7 Gauge (4.55 mm) Super Hybrid Internal Stiffener	93.125"	2.37 m	86	39.0
BOTTOM STIFFENERS WITH BASE PLATES					
210464	7 Gauge (4.55 mm) Short External Stiffener	9.75"	248 mm	9	4.1
210473	7 Gauge (4.55 mm) Short Internal Stiffener	8.4375"	215 mm	9	4.1
210460	7 Gauge (4.55 mm) Hybrid Short External Stiffener	9.75"	248 mm	18	8.2
210466	7 Gauge (4.55 mm) Hybrid Short Internal Stiffener	8.4375"	215 mm	17	7.7

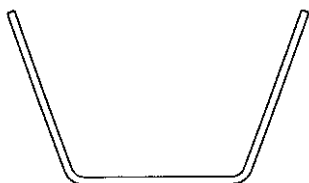
Stiffener Profiles



7 GA Super Hybrid Stiffener



7 GA & 8 GA Hybrid Stiffener



7 GA Stiffener



7N GA, 8 GA, 10 GA, 12 GA & 14 GA Stiffener

SCAFCO Intermediate Wall Sheets for Non-Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212012	20 Gauge x 114.5" Wall Sheet (0.86 mm x 2910 mm)	42-2/3"	1083	53	24
212017	20 Gauge x 77" Wall Sheet (0.86 mm x 1956 mm)	42-2/3"	1083	36	17
212539	19 Gauge x 114.5" Wall Sheet (1.04 mm x 2910 mm)	42-2/3"	1083	64	29
212541	19 Gauge x 77" Wall Sheet (1.04 mm x 1956 mm)	42-2/3"	1083	43	20
212019	18 Gauge x 114.5" Wall Sheet (1.17 mm x 2910 mm)	42-2/3"	1083	75	34
212021	18 Gauge x 77" Wall Sheet (1.17 mm x 1956 mm)	42-2/3"	1083	48	22
212022	17 Gauge x 114.5" Wall Sheet (1.32 mm x 2910 mm)	42-2/3"	1083	80	37
212026	17 Gauge x 77" Wall Sheet (1.32 mm x 1956 mm)	42-2/3"	1083	54	25
212536	16 Gauge x 114.5" Wall Sheet (1.47 mm x 2910 mm)	42-2/3"	1083	90	41
212538	16 Gauge x 77" Wall Sheet (1.47 mm x 1956 mm)	42-2/3"	1083	61	28
212029	15 Gauge x 114.5" Wall Sheet (1.63 mm x 2910 mm)	42-2/3"	1083	100	46
212033	15 Gauge x 77" Wall Sheet (1.63 mm x 1956 mm)	42-2/3"	1083	67	31
212037	14 Gauge x 114.5" Wall Sheet (1.83 mm x 2910 mm)	42-2/3"	1083	111	51
212042	14 Gauge x 77" Wall Sheet (1.83 mm x 1956 mm)	42-2/3"	1083	75	34
212152	13 Gauge x 114.5" Wall Sheet (2.24 mm x 2910 mm)	42-2/3"	1083	136	62
212153	13 Gauge x 77" Wall Sheet (2.24 mm x 1956 mm)	42-2/3"	1083	92	42
212081	12 Gauge x 114.5" Wall Sheet (2.59 mm x 2910 mm)	42-2/3"	1083	161	73
212246	12 Gauge x 77" Wall Sheet (2.59 mm x 1956 mm)	42-2/3"	1083	108	49
212275	11 Gauge x 114.5" Wall Sheet (2.95 mm x 2910 mm)	42-2/3"	1083	180	82
212276	11 Gauge x 77" Wall Sheet (2.95 mm x 1956 mm)	42-2/3"	1083	121	55
212274	10 Gauge x 114.5" Wall Sheet (3.30 mm x 2910 mm)	42-2/3"	1083	200	91
212279	10 Gauge x 77" Wall Sheet (3.30 mm x 1956 mm)	42-2/3"	1083	135	62
212224	17 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	10	5
212225	15 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	18	9
212211	14 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	14	7
212220	13 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	17	8
212250	12 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	20	9
212290	11 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	31	14
212398	10 GA Raised Utility Door Header Sheet x 39½" (1003 mm)	13-1/3"	337	24	11

SCAFCO Intermediate Wall Sheets for Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212395	20 Gauge x 116" Long Wall Sheet (0.86 mm x 2946 mm) Stiffened	42-2/3"	1083	53	24
212168	20 Gauge x 114.5" Long Wall Sheet (0.86 mm x 2910 mm) Stiffened	42-2/3"	1083	52	24
212570	19 Gauge x 116" Long Wall Sheet (1.04 mm x 2946 mm) Stiffened	42-2/3"	1083	64	29
212590	19 Gauge x 114.5" Long Wall Sheet (1.04 mm x 2910 mm) Stiffened	42-2/3"	1083	64	29
212368	18 Gauge x 116" Long Wall Sheet (1.17 mm x 2946 mm) Stiffened	42-2/3"	1083	72	33
212167	18 Gauge x 114.5" Long Wall Sheet (1.17 mm x 2910 mm) Stiffened	42-2/3"	1083	71	32
212369	17 Gauge x 116" Long Wall Sheet (1.32 mm x 2946 mm) Stiffened	42-2/3"	1083	80	36
212166	17 Gauge x 114.5" Long Wall Sheet (1.32 mm x 2910 mm) Stiffened	42-2/3"	1083	79	36
212571	16 Gauge x 116" Long Wall Sheet (1.47 mm x 2946 mm) Stiffened	42-2/3"	1083	91	41
212553	16 Gauge x 114.5" Long Wall Sheet (1.47 mm x 2910 mm) Stiffened	42-2/3"	1083	90	41
212370	15 Gauge x 116" Long Wall Sheet (1.63 mm x 2946 mm) Stiffened	42-2/3"	1083	101	46
212350	15 Gauge x 114.5" Long Wall Sheet (1.63 mm x 2910 mm) Stiffened	42-2/3"	1083	100	45
212371	14 Gauge x 116" Long Wall Sheet (1.83 mm x 2946 mm) Stiffened	42-2/3"	1083	112	51
212351	14 Gauge x 114.5" Long Wall Sheet (1.83 mm x 2910 mm) Stiffened	42-2/3"	1083	111	50
212372	13 Gauge x 116" Long Wall Sheet (2.24 mm x 2946 mm) Stiffened	42-2/3"	1083	137	62
212352	13 Gauge x 114.5" Long Wall Sheet (2.24 mm x 2910 mm) Stiffened	42-2/3"	1083	135	61
212373	12 Gauge x 116" Long Wall Sheet (2.59 mm x 2946 mm) Stiffened	42-2/3"	1083	162	74
212353	12 Gauge x 114.5" Long Wall Sheet (2.59 mm x 2910 mm) Stiffened	42-2/3"	1083	160	73
212426	11 Gauge x 116" Long Wall Sheet (2.95 mm x 2946 mm) Stiffened	42-2/3"	1083	181	82
212425	10 Gauge x 116" Long Wall Sheet (3.30 mm x 2946 mm) Stiffened	42-2/3"	1083	202	92
212424	8 Gauge x 116" Long Wall Sheet (3.76 mm x 2946 mm) Stiffened	42-2/3"	1083	229	104

* All stiffened sheets listed are punched for external stiffeners. If you would like sheets punched for internal stiffeners please specify in your order.

SCAFCO Bottom Wall Sheets for Non-Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212016	20 Gauge x 114.5" Long Bottom Wall Sheet (0.86 mm x 2910 mm)	43-1/16"	1094	53	24
212018	20 Gauge x 77" Bottom Wall Sheet (0.86 mm x 1956 mm)	43-1/16"	1094	36	17
212698	19 Gauge x 114.5" Long Bottom Wall Sheet (1.04 mm x 2910 mm)	43-1/16"	1094	64	29
212699	19 Gauge x 77" Bottom Wall Sheet (1.04 mm x 1956 mm)	43-1/16"	1094	43	20
212288	18 Gauge x 114.5" Long Bottom Wall Sheet (1.17 mm x 2910 mm)	43-1/16"	1094	75	34
212295	18 Gauge x 77" Bottom Wall Sheet (1.17 mm x 1956 mm)	43-1/16"	1094	48	22
212025	17 Gauge x 114.5" Long Bottom Wall Sheet (1.32 mm x 2910 mm)	43-1/16"	1094	80	37
212027	17 Gauge x 77" Bottom Wall Sheet (1.32 mm x 1956 mm)	43-1/16"	1094	54	25
212535	16 Gauge x 114.5" Long Bottom Wall Sheet (1.47 mm x 2910 mm)	43-1/16"	1094	90	41
212537	16 Gauge x 77" Bottom Wall Sheet (1.47 mm x 1956 mm)	43-1/16"	1094	61	28
212032	15 Gauge x 114.5" Long Bottom Wall Sheet (1.63 mm x 2910 mm)	43-1/16"	1094	100	46
212034	15 Gauge x 77" Bottom Wall Sheet (1.63 mm x 1956 mm)	43-1/16"	1094	67	31
212039	14 Gauge x 114.5" Long Bottom Wall Sheet (1.83 mm x 2910 mm)	43-1/16"	1094	111	51
212043	14 Gauge x 77" Bottom Wall Sheet (1.83 mm x 1956 mm)	43-1/16"	1094	75	34
212150	13 Gauge x 114.5" Long Bottom Wall Sheet (2.24 mm x 2910 mm)	43-1/16"	1094	136	62
212151	13 Gauge x 77" Bottom Wall Sheet (2.24 mm x 1956 mm)	43-1/16"	1094	92	42
212046	12 Gauge x 114.5" Long Bottom Wall Sheet (2.59 mm x 2910 mm)	43-1/16"	1094	161	73
212073	12 Gauge x 77" Bottom Wall Sheet (2.59 mm x 1956 mm)	43-1/16"	1094	108	49
212261	11 Gauge x 114.5" Long Bottom Wall Sheet (2.95 mm x 2910 mm)	43-1/16"	1094	180	82
212260	11 Gauge x 77" Bottom Wall Sheet (2.95 mm x 1956 mm)	43-1/16"	1094	121	55
212267	10 Gauge x 114.5" Long Bottom Wall Sheet (3.30 mm x 2910 mm)	43-1/16"	1094	200	91
212266	10 Gauge x 77" Bottom Wall Sheet (3.30 mm x 1956 mm)	43-1/16"	1094	135	62
212273	8 Gauge x 114.5" Long Bottom Wall Sheet (3.76 mm x 2910 mm)	43-1/16"	1094	226	103
212388	8 Gauge x 77" Bottom Wall Sheet (3.76 mm x 1956 mm)	43-1/16"	1094	152	69
212226	17 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	28	13
212227	15 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	35	16
212228	14 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	39	18
212229	13 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	47	22
212212	12 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	40	19
212265	10 GA Raised Utility Door Filler Sheet x 39½" (1003 mm)	29-3/4"	756	69	32
212109	22 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	8	4
212110	20 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	9	4
212111	17 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	14	7
212112	15 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	18	8
212113	14 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	20	9
212158	13 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	24	11
212114	12 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	28	13
212099	11 GA Raised Walk-In Door Sill Sheet x 39½" (1003 mm)	19-1/16"	484	31	14
212421	17 GA HD Raised Walk-In Door Sill Sheet x 41" (1040 mm)	19-1/16"	484	14	7

SCAFCO Bottom Wall Sheets for Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212620	16 Gauge x 116" Long Bottom Wall Sheet (1.47 mm x 2946 mm) Stiffened	43-1/16"	1094	91	41
212576	16 Gauge x 114.5" Long Bottom Wall Sheet (1.47 mm x 2910 mm) Stiffened	43-1/16"	1094	90	41
212482	15 Gauge x 116" Long Bottom Wall Sheet (1.63 mm x 2946 mm) Stiffened	43-1/16"	1094	100	45
212349	15 Gauge x 114.5" Long Bottom Wall Sheet (1.63 mm x 2910 mm) Stiffened	43-1/16"	1094	100	45
212478	14 Gauge x 116" Long Bottom Wall Sheet (1.83 mm x 2946 mm) Stiffened	43-1/16"	1094	111	50
212422	14 Gauge x 114.5" Long Bottom Wall Sheet (1.83 mm x 2910 mm) Stiffened	43-1/16"	1094	111	50
212479	13 Gauge x 116" Long Bottom Wall Sheet (2.24 mm x 2946 mm) Stiffened	43-1/16"	1094	137	62
212365	12 Gauge x 116" Long Bottom Wall Sheet (2.59 mm x 2946 mm) Stiffened	43-1/16"	1094	162	73
212366	11 Gauge x 116" Long Bottom Wall Sheet (2.95 mm x 2946 mm) Stiffened	43-1/16"	1094	181	82
212543	10 Gauge x 116" Long Bottom Wall Sheet (3.30 mm x 2946 mm) Stiffened	43-1/16"	1094	202	92
212532	8 Gauge x 116" Long Bottom Wall Sheet (3.76 mm x 2946 mm) Stiffened	43-1/16"	1094	229	104

SCAFCO Top Wall Sheets for Non-Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212013	20 Gauge x 114.5" Long Top Wall Sheet (0.86 mm x 2910 mm)	42-2/3"	1083	52	24
212540	19 Gauge x 114.5" Long Top Wall Sheet (1.04 mm x 2910 mm)	42-2/3"	1083	64	29
212020	18 Gauge x 114.5" Long Top Wall Sheet (1.17 mm x 2910 mm)	42-2/3"	1083	72	33
212282	17 Gauge x 114.5" Long Top Wall Sheet (1.32 mm x 2910 mm)	42-2/3"	1083	79	36

SCAFCO Top Wall Sheets for Stiffened Grain Bin/Silo

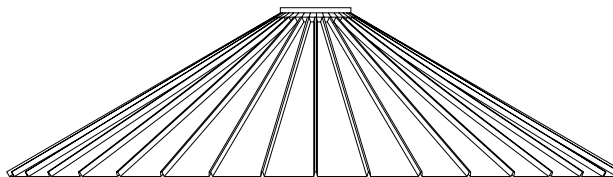
PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212375	20 Gauge x 116" Long Top Wall Sheet (0.86 mm x 2946 mm) Stiffened	42-2/3"	1083	53	24
212230	20 Gauge x 114.5" Long Top Wall Sheet (0.86 mm x 2910 mm) Stiffened	42-2/3"	1083	52	24
212387	18 Gauge x 116" Long Top Wall Sheet (1.17 mm x 2946 mm) Stiffened	42-2/3"	1083	72	33
212362	18 Gauge x 114.5" Long Top Wall Sheet (1.17 mm x 2910 mm) Stiffened	42-2/3"	1083	72	33
212531	17 Gauge x 116" Long Top Wall Sheet (1.32 mm x 2946 mm) Stiffened	42-2/3"	1083	81	37
212619	17 Gauge x 114.5" Long Top Wall Sheet (1.32 mm x 2910 mm) Stiffened	42-2/3"	1083	79	36
212549	14 Gauge x 116" Long Top Wall Sheet (1.83 mm x 2946 mm) Stiffened	42-2/3"	1083	112	51

SCAFCO Adapter Wall Sheets for Stiffened Grain Bin/Silo

PART NUMBER	DESCRIPTION	COVER WIDTH/in	COVER WIDTH/mm	WEIGHT (lb)	WEIGHT (kg)
212476	18 Gauge x 116" Long Adapter Wall Sheet (1.17 mm x 2946 mm) Stiffened	10 2/3"	271	21	10
212477	18 Gauge x 116" Long Adapter Wall Sheet (1.17 mm x 2946 mm) Stiffened	18 2/3"	474	34	15
212573	14 Gauge x 116" Long Adapter Wall Sheet (1.83 mm x 2946 mm) Stiffened	10 2/3"	271	32	15
212383	14 Gauge x 116" Long Adapter Wall Sheet (1.83 mm x 2946 mm) Stiffened	18 2/3"	474	53	24
212384	14 Gauge x 116" Long Adapter Wall Sheet (1.83 mm x 2946 mm) Stiffened	21 1/3"	542	59	27

* All stiffened sheets listed are punched for external stiffeners. If you would like sheets punched for internal stiffeners please specify in your order.

Complete 30° Roof Assembly



PART NUMBER	DIAMETER FEET	DIAMETER METERS	WEIGHT (lb)	WEIGHT (kg)
211860	6	1.83	90	41
211861	9	2.74	226	103
211862	12	3.66	402	182
211864	15	4.57	608	276
211865	18	5.49	698	317
211866	21	6.40	833	378
211867	24	7.32	1,006	456
211868	27	8.23	1,423	645
211869	30	9.14	1,912	867
211870	33	10.06	2,194	995
211871	36	10.97	2,530	1,148
*211872	39	11.89	3,679	1,669
*211873	42	12.80	4,197	1,904
211874	48	14.63	7,043	3,195
211875	54	16.46	8,729	3,959
211876	60	18.29	12,011	5,448
211877	72	21.95	19,563	8,874
218001	75	22.88	22,001	9,980
218001S	75	22.88	22,231	10,084
211878	78	23.77	26,007	11,797
211879	90	27.43	34,461	15,632
211880	105	32.00	50,062	22,704

Pre-punching of roof panels for gooseneck roof vents

CONSISTS OF A COMPLETE SET OF ROOF PANELS, SEGMENT RING, WEATHERSKIRT, PEAK CAP, INSPECTION HATCH (NOT INCLUDED FOR 6' [1.83 m] AND 9' [2.74 m] DIAMETER ROOFS), NECESSARY ROOF CLIPS, CENTER CLIPS, RAFTERS, PURLINS, CLIPS, ROOF TENSION PLATES, AND ALL INSTALLATION BOLTS.

***INCLUDES ROOF SUPPORT RING AND REINFORCING RIBS STANDARD.**

Suffix "S" on the 75' roof assembly represents split rafters for export container loading.

Pre-punching of roof panels for gooseneck roof vents available

HEAVY DUTY ROOF CAP IN LIEU OF STANDARD

PART NUMBER	DIA. / FEET	WEIGHT (lb)	WEIGHT (kg)
210001HDR	6' – 24' Dia. (3.66 m – 7.32 m)	+7	3.2
211375HDR	27' – 42' Dia. (8.23 m – 12.8 m)	+24	11

Please note: 48' – 105' (14.63 m – 32.0 m) Roof Assemblies include Heavy Duty Roof Cap (211375HD) as a Standard.

FOR 60" ROOF CAP OPENING IN LIEU OF 36" ON 48' DIA. & LARGER AVAILABLE.



SCAFCO GRAIN SYSTEMS COMPANY