

COMMERCIAL BINS/SILOS



TOTAL VALUE. TOTAL SYSTEMS.™



STRONGEST & HEAVIEST GAUGE TANKS IN THE INDUSTRY.

A world leader in steel corrugated storage bin manufacturing, GSI offers the strongest and heaviest gauge storage tanks in the industry with capacities exceeding 1.1 million bushel (36,568 MT). Our tank sidewall is roll-formed at the GSI plant using up to 5 gauge prime high tensile steel up to 70,000 PSI (483 MPa). The heavier 5 gauge sidewall allows us to provide taller tanks with our advanced design, compared to other manufacturers who provide 8 gauge as their maximum thickness.

8 GAUGE VS. 5 GAUGE GALVANIZED STEEL.

The heaviest galvanized steel previously available for sidewall panels was 8 gauge (.16"). GSI's exclusive 5 gauge (.205") galvanized steel sidewall panels however are 25% thicker and provide up to a 37.5% increase in overall strength.

Combined with a "quad" punching pattern in the vertical bolt seams of the sidewall to assure a strong connection between panels, a commercial galvanized coating provides the utmost durability. The result is a commercial galvanized steel tank unmatched throughout the industry in overall strength and reliability.

In addition, the Million Bushel Bin uses a new, high strength, six bolt connection pattern.

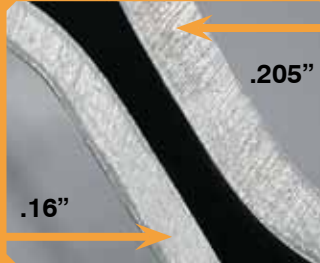
70,000 PSI HIGH-STRENGTH STIFFENER COLUMNS

Tank strength is further maximized through the use of GSI's strong upright stiffener columns which carry the vertical load of the bin to the foundation. Manufactured from high strength 70,000 PSI (483 MPa) steel, GSI's stiffeners feature strong splice joints with large cross sectional areas, both critical elements of vertical stiffeners. Stiffeners are galvanized and mounted either internally or externally based on your requirements.

EASY ACCESS SIDEWALL DOORS

A standard 24" diameter round access door is located in the second ring of all GSI commercial tanks (up to 105' diameter). GSI also offers an optional two ring door (standard on 135' diameter bins) that provides superior access for entering and exiting the bin. The commercial two ring doors features strong frames around the opening and an easy opening two piece inner panel design.

GSI also offers an optional vehicle traffic door for use in situations where skid-steer loaders will be used for final clean out, or even larger openings are required.



8 GAUGE ASTM A-653, SQ GRADE 50:
50,000 psi Minimum Yield Strength
70,000 psi Minimum Tensile Strength

5 GAUGE HIGH STRENGTH - LOW ALLOY STEEL:
55,000 psi Minimum Yield Strength
70,000 psi Minimum Tensile Strength



Heavy zinc plated, high strength, dichromate coated bolts up to grade No. 8 are used on all GSI bins. Each bolt has a special sealing washer for an unbeatable weather seal.



SOLID "WIDE FLANGE" ROOF SUPPORT

GSI commercial tanks feature an exceptionally strong structural roof support system. Structural "wide flange" steel beams are the backbone for GSI roofs on larger diameter tanks yielding peak loads of up to 50,000 pounds. This structural beam design also allows quick and simple roof construction. Even the smaller diameter bins (42 ft. - 60 ft.) feature galvanized rafter systems spanning from eave to peak for extra solid roof support.



HEAVY ROOF PEAK "FLAT TOP"

The GSI "Flat Top" is a structurally welded, flat platform providing a large surface to attach overhead equipment, spouting, catwalks. The "Flat Top" comes standard on all 54 ft. dia. and larger tanks (optional on 33 ft. - 48 ft.).



HIGH TENSILE/FULLY OVERLAPPING ROOF PANELS

GSI bin roof ribs are taller, fully double lapped and have four extra reinforcing ledges. The roof ribs, together with corrugated panels and 55,000 PSI high tensile steel, combine to form an exceptionally strong and reliable roof panel system. Each roof panel is manufactured using GSI's exclusive, fully automated, roll forming line. This insures a precise and consistent fit throughout assembly and helps maintain a tight steel to steel seal between panels. Only GSI offers this level of accuracy in roof panel manufacturing.



ROOF SUPPORT RING

This optional feature provides a ring between the peak fill hole and the eave. Die formed brackets firmly secure the ring to the roof ribs, and provide additional roof strength as well.



ROOF VENTS FOR INCREASED EFFICIENCY

GSI manufactures two very unique vents to fit your particular requirements. The hinged grill vent features a vertically mounted, large mesh, wire formed screen to keep out pests and swings freely open to allow easy release of trash buildup. The Auto-Vent is a revolutionary concept in vent design reducing "plugging" or air restriction. When fans are running, air passes freely above and below a wing-shaped damper allowing it to float open in mid air. The damper drops down and closes when the fan is not in operation, also helping to block wind, snow, birds, etc. from entering. Both vents are assembled with a heavy duty lock seam for added strength. Prepunched, extruded lip roof panels and a special die-cut gasket help provide a weather tight connection between the vent and roof panel. GSI also manufactures a 24" diameter, 2 HP power roof exhauster for situations requiring greater airflow.

Each GSI roof vent increases exhaust area by 1.8 square feet and bolts directly to a factory prepunched roof sheet. By prepunching the sheets, erection costs are reduced and proper vent location is insured for maximum air flow.



DURABILITY ... FLEXIBILITY ... DIVERSITY

With over 30 years experience in the industry, GSI's continuous improvements in material usage, manufacturing techniques and product design have enabled us to provide durable and reliable equipment that functions well under many environmental conditions, innovations for added convenience and product flexibility, and a large and diverse selection of equipment to meet the specific storage requirements of the end user.

CONVENIENT BIN ACCESS

HEAVY DUTY BIN STAIRS

Heavy Duty Bin Stairs offer a shallow 8" step that decreases the incline angle for an easier, safer, and more comfortable climb. Stairs are also fully galvanized, and feature interlocking handrails and bolted construction.

SAFETY CAGES, PLATFORMS AND LADDERS

Cages are galvanized and bolt directly to the sidewall ladders. The bottom of the cage has a bell section which allows ample space while climbing the ladder. A platform can also be constructed below the manhole for your convenience when entering, exiting or inspecting the roof. The platform is die formed from galvanized steel, and has a specially designed floor for slip resistance.

Sidewall ladders offer easy access and are made from roll-formed side rails with press fit dimpled rungs. Ladder sections are attached to the bin wall with compression type connectors to allow for easy assembly and adjustment. Ladders are available in 48', 36' or 24' sections.



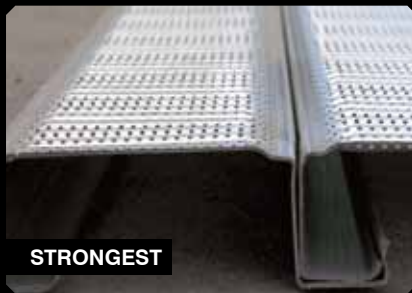
X-SERIES LADDERS, STAIRS AND PLATFORMS

Also available for commercial bins are GSI's *X-Series* Ladders, Stairs and Platforms. X-Series stair features include, roll-formed handrails, large tread plate with extruded slip-resistant pattern, and fully galvanized steps with powder coated handrails.

Ladders have step through platforms and are mounted 90 degrees to the sidewall to eliminate toe hazards such as stiffeners, windrings, and other bracketry.

X-Series ladder & stair packages are designed to meet OSHA specifications.

FLOORING OPTIONS



STRONGEST

DURA-LOK FLOORING

"Dura-Lok" floor features 3.5" wide sections for a stronger, more stable floor. Two perforation options are available: 0.094" (standard) and 0.050" (small grain). Applicable for both full and flush floor packages.



STRONGER

CUT-LOK FLOORING

GSI's "Cut-Lok" flooring is designed with a 12% opening that prevents any restriction to airflow, lanced extrusions and deep corrugated ribs across a crowned surface for maximum stability.



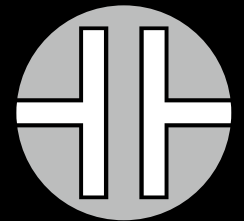
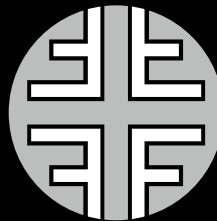
STRONG

COR-LOK FLOORING

GSI's "Cor-Lok" flooring is available in 18 & 20 gauge and features a 12% open round-hole perforation that prevents restriction in airflow. The 20 gauge "Cor-Lok" is also available in a small grains perforation.

CUSTOM FLOOR DESIGNS

Many aeration floor systems are available from full floors above concrete with custom plenum heights, to various flush floor in-concrete patterns (flush floor patterns shown below).



MONO-RAIL FLOOR SUPPORTS

GSI's exclusive Mono-Rail "Post and Beam" support system provides support in the most extreme load conditions.



GSI GRANDSTAND® PATENTED* LOCKING TAB SUPPORTS

Locking tabs attach Grandstand supports to flooring to avoid support movement during installation or fan operation in empty bins. Available in 18 & 20 ga.

* Locking Tab Patent No. 4137682

Diameter	Ring	Max Bu. Capacity	Eave (Height Ft.)	Peak (Height Ft.)	Cap. (Cubic Ft.)	Metric Tons 800 kg/m ³	Metric Tons 721 kg/m ³	Metric Tons 640 kg/m ³	Eave Height (Meters)	Peak Height (Meters)	Max. Cap. (Cubic Meters)
18	12	7228	32'-2"	36'-10"	8485	204	184	163	9.8	11.23	240
	13	7800	34'-10"	39'-6"	9157	220	198	176	10.62	12.04	259
	14	8372	37'-5"	42'-0"	9828	236	213	189	11.43	12.85	278
	15	8944	40'-2"	44'-10"	10500	252	227	202	12.24	13.67	297
	16	9516	42'-10"	47'-6"	11171	268	242	215	13.06	14.48	316
	17	10088	45'-5"	50'-2"	11843	284	256	228	13.87	15.29	335
18	10660	48'-2"	52'-10"	12514	301	271	240	14.68	16.1	354	

21	12	9916	32'-2"	37'-9"	11641	280	252	224	9.8	11.51	330
	13	10694	34'-10"	40'-5"	12554	301	272	241	10.62	12.32	356
	14	11472	37'-5"	43'-1"	13468	323	291	259	11.43	13.13	381
	15	12250	40'-2"	45'-9"	14381	345	311	276	12.24	13.94	407
	16	13028	42'-10"	48'-5"	15294	367	331	294	13.06	14.76	433
	17	13806	45'-5"	51'-1"	16208	389	351	311	13.87	15.57	459
	18	14584	48'-2"	53'-9"	17121	411	371	329	14.68	16.38	485
	19	15362	50'-10"	56'-5"	18034	433	390	346	15.49	17.2	511
	20	15934	53'-6"	59'-1"	18706	449	405	359	16.31	18.01	530
	21	16506	56'-2"	61'-9"	19377	465	419	372	17.12	18.82	549
	22	17078	58'-10"	64'-5"	20049	481	434	385	17.93	19.63	568

24	12	13052	32'-2"	38'-7"	15323	368	332	294	9.8	11.76	434
	13	14069	34'-10"	41'-3"	16516	397	357	317	10.62	12.57	468
	14	15086	37'-6"	43'-11"	17710	425	383	340	11.43	13.39	502
	15	16103	40'-2"	46'-7"	18904	454	409	363	12.24	14.2	535
	16	17120	42'-10"	49'-3"	20098	483	435	386	13.06	15.01	569
	17	18137	45'-6"	51'-11"	21292	511	461	409	13.87	15.82	603
	18	19154	48'-2"	54'-7"	22486	540	487	432	14.68	16.64	637
	19	20171	50'-10"	57'-3"	23680	569	512	455	15.49	17.45	671
	20	21188	53'-6"	59'-11"	24874	597	538	478	16.31	18.26	704
	21	22205	56'-2"	62'-7"	26068	626	564	501	17.12	19.08	738
	22	23222	58'-10"	65'-3"	27262	655	590	524	17.93	19.89	772
23	24239	61'-6"	67'-11"	28456	683	616	547	18.75	20.7	806	
24	25256	64'-2"	70'-7"	29650	712	642	570	19.56	21.51	840	

27	12	16647	32'-2"	39'-5"	19543	469	423	375	9.8	12.01	553
	13	17934	34'-10"	42'-1"	21054	506	456	404	10.62	12.83	596
	14	19221	37'-6"	44'-9"	22565	542	488	433	11.43	13.64	639
	15	20508	40'-2"	47'-5"	24076	578	521	463	12.24	14.45	682
	16	21795	42'-10"	50'-1"	25587	614	554	492	13.06	15.27	725
	17	23082	45'-6"	52'-9"	27097	651	586	521	13.87	16.08	767
	18	24369	48'-2"	55'-5"	28608	687	619	550	14.68	16.89	810
	19	25656	50'-10"	58'-1"	30119	723	652	579	15.49	17.7	853
	20	26943	53'-6"	60'-9"	31630	760	685	608	16.31	18.52	896
	21	28230	56'-2"	63'-5"	33141	796	717	637	17.12	19.33	938
	22	29517	58'-10"	66'-1"	34652	832	750	666	17.93	20.14	981
	23	30804	61'-6"	68'-9"	36163	868	783	695	18.75	20.96	1024
	24	32091	64'-2"	71'-5"	37674	905	815	724	19.56	21.77	1067
	25	33378	66'-10"	74'-1"	39185	941	848	753	20.37	22.58	1110
	26	34665	69'-6"	76'-9"	40695	977	881	782	21.18	23.39	1152
27	35952	72'-2"	79'-5"	42206	1013	913	811	22	24.21	1195	

30	12	20709	32'-2"	40'-4"	24312	584	526	467	9.8	12.29	688
	13	22298	34'-10"	43'-0"	26177	629	567	503	10.62	13.11	741
	14	23887	37'-6"	45'-8"	28042	673	607	539	11.43	13.92	794
	15	25476	40'-2"	48'-4"	29908	718	647	575	12.24	14.73	847
	16	27065	42'-10"	51'-0"	31773	763	688	610	13.06	15.54	900
	17	28654	45'-6"	53'-8"	33639	808	728	646	13.87	16.36	953
	18	30243	48'-2"	56'-4"	35504	853	768	682	14.68	17.17	1005
	19	31832	50'-10"	59'-0"	37370	897	809	718	15.49	17.98	1058
	20	33421	53'-6"	61'-8"	39235	942	849	754	16.31	18.8	1111
	21	35010	56'-2"	64'-4"	41100	987	889	790	17.12	19.61	1164
	22	36599	58'-10"	67'-0"	42966	1032	930	825	17.93	20.42	1217
	23	38188	61'-6"	69'-8"	44831	1077	970	861	18.75	21.23	1269
	24	39777	64'-2"	72'-4"	46697	1121	1011	897	19.56	22.05	1322
	25	41366	66'-10"	75'-0"	48562	1166	1051	933	20.37	22.86	1375
	26	42955	69'-6"	77'-8"	50428	1211	1091	969	21.18	23.67	1428
27	44544	72'-2"	80'-4"	52293	1256	1132	1005	22	24.49	1481	
28	46133	74'-10"	83'-0"	54158	1301	1172	1040	22.81	25.3	1534	
29	47722	77'-6"	85'-8"	56024	1345	1212	1076	23.62	26.11	1586	
30	49311	80'-2"	88'-4"	57889	1390	1253	1112	24.43	26.92	1639	

33	12	25248	32'-2"	41'-7"	29640	712	641	569	9.8	12.67	839
	13	27171	34'-10"	44'-3"	31898	766	690	613	10.62	13.49	903
	14	29094	37'-6"	46'-11"	34155	820	739	656	11.43	14.3	967
	15	31017	40'-2"	49'-7"	36413	874	788	700	12.24	15.11	1031
	16	32940	42'-10"	52'-3"	38670	929	837	743	13.06	15.93	1095
	17	34863	45'-6"	54'-11"	40928	983	886	786	13.87	16.74	1159
	18	36786	48'-2"	57'-7"	43185	1037	935	830	14.68	17.55	1223
	19	38709	50'-10"	60'-3"	45443	1091	983	873	15.49	18.36	1287
	20	40632	53'-6"	62'-11"	47700	1145	1032	916	16.31	19.18	1351
	21	42555	56'-2"	65'-7"	49958	1200	1081	960	17.12	19.99	1415
	22	44478	58'-10"	68'-3"	52215	1254	1130	1003	17.93	20.8	1479
	23	46401	61'-6"	70'-11"	54473	1308	1179	1046	18.75	21.62	1543
	24	48324	64'-2"	73'-7"	56731	1362	1228	1090	19.56	22.43	1606
	25	50247	66'-9"	76'-3"	58988	1416	1277	1133	20.37	23.24	1670
	26	52170	69'-6"	78'-11"	61246	1471	1325	1177	21.18	24.05	1734
27	54093	72'-2"	81'-7"	63503	1525	1374	1220	22	24.87	1798	
28	56016	74'-10"	84'-3"	65761	1579	1423	1263	22.81	25.68	1862	
29	57939	77'-6"	86'-11"	68018	1633	1472	1307	23.62	26.49	1926	
30	59862	80'-2"	89'-7"	70276	1688	1521	1350	24.43	27.31	1990	

36	12	30275	32'-2"	42'-6"	35542	853	769	683	9.8	12.95	1006
	13	32563	34'-10"	45'-2"	38228	918	827	734	10.62	13.77	1083
	14	34851	37'-6"	47'-10"	40914	982	885	786	11.43	14.58	1159
	15	37139	40'-2"	50'-6"	43600	1047	944	838	12.24	15.39	1235
	16	39427	42'-10"	53'-2"	46286	1111	1002	889	13.06	16.21	1311
	17	41715	45'-6"	55'-10"	48972	1176	1060	941	13.87	17.02	1387
	18	44003	48'-2"	58'-6"	51658	1240	1118	992	14.68	17.83	1463
	19	46291	50'-10"	61'-2"	54344	1305	1176	1044	15.49	18.64	1539
	20	48579	53'-6"	63'-10"	57030	1369	1234	1096	16.31	19.46	1615
	21	50867	56'-2"	66'-6"	59716	1434	1292	1147	17.12	20.27	1691
	22	53155	58'-10"	69'-2"	62402	1498	1350	1199	17.93	21.08	1767
	23	55443	61'-6"	71'-10"	65088	1563	1409	1250	18.75	21.89	1843
	24	57731	64'-2"	74'-6"	67774	1627	1467	1302	19.56	22.71	1919
	25	60019	66'-9"	77'-2"	70460	1692	1525	1354	20.37	23.52	1995
	26	62307	69'-6"	79'-10"	73146	1756	1583	1405	21.18	24.33	2071
27	64595	72'-2"	82'-6"	75832	1821	1641	1457	22	25.15	2147	
28	66883	74'-10"	85'-2"	78518	1885	1699	1508	22.81	25.96	2223	
29	69171	77'-6"	87'-10"	81204	1950	1757	1560	23.62	26.77	2299	
30	71459	80'-2"	90'-6"	83890	2014	1816	1612	24.43	27.58	2376	

42	12	41825	32'-2"	43'-3"	49101	1179	1063	943	9.8	13.18	1390
	13	44940	34'-10"	45'-11"	52758	1267	1142	1013	10.62	14	1494
	14	48055	37'-6"	48'-7"	56415	1355	1221	1084	11.43	14.81	1598
	15	51170	40'-2"	51'-3"	60072	1442	1300	1154	12.24	15.62	1701
	16	54285	42'-10"	53'-11"	63729	1530	1379	1224	13.06	16.43	1805
	17	57400	45'-6"	56'-7"	67385	1618	1458	1294	13.87	17.25	1908
	18	60515	48'-2"	59'-3"	71042	1706	1537	1365	14.68	18.06	2012
	19	63630	50'-10"	61'-11"	74699	1794	1617	1435	15.49	18.87	2115
	20	66745	53'-6"	64'-7"	78356	1882	1696	1505	16.31	19.69	2219
	21										

Diameter	Ring	Max Bu. Capacity	Eave (Height Ft.)	Peak (Height Ft.)	Cap. (Cubic Ft.)	Metric Tons 800 kg/m ³	Metric Tons 721 kg/m ³	Metric Tons 640 kg/m ³	Eave Height (Meters)	Peak Height (Meters)	Max. Cap. (Cubic Meters)	
60	12	89140	32'-2"	47'-11"	104647	2513	2265	2010	9.8	14.61	2963	
	13	95496	34'-10"	50'-7"	112109	2692	2426	2154	10.62	15.42	3175	
	14	101852	37'-6"	53'-9"	119570	2871	2588	2297	11.43	16.23	3386	
	15	108208	40'-2"	55'-11"	127032	3050	2749	2440	12.24	17.04	3597	
	16	114564	42'-10"	58'-7"	134494	3230	2911	2584	13.06	17.86	3808	
	17	120920	45'-6"	61'-3"	141956	3409	3072	2727	13.87	18.67	4020	
	18	127276	48'-2"	63'-11"	149417	3588	3234	2870	14.68	19.48	4231	
	19	133632	50'-10"	66'-7"	156879	3767	3395	3014	15.49	20.29	4442	
	20	139988	53'-6"	69'-3"	164341	3946	3557	3157	16.31	21.11	4654	
	21	146344	56'-2"	71'-11"	171802	4125	3718	3300	17.12	21.92	4865	
	22	152700	58'-10"	74'-7"	179264	4305	3880	3444	17.93	22.73	5076	
	23	159056	61'-6"	77'-3"	186726	4484	4041	3587	18.75	23.55	5288	
	24	165412	64'-2"	79'-11"	194187	4663	4203	3730	19.56	24.36	5499	
	25	171768	66'-10"	82'-7"	201649	4842	4364	3874	20.37	25.17	5710	
	26	178124	69'-6"	85'-3"	209111	5021	4526	4017	21.18	25.98	5921	
	27	184480	72'-2"	87'-11"	216573	5201	4687	4160	22	26.8	6133	
	28	190836	74'-10"	90'-7"	224034	5380	4848	4304	22.81	27.61	6344	
	29	197192	77'-6"	93'-3"	231496	5559	5010	4447	23.62	28.42	6555	
	30	203548	80'-2"	95'-11"	238958	5738	5171	4590	24.43	29.24	6767	
	31	209904	82'-10"	98'-7"	246419	5917	5333	4734	25.25	30.05	6978	
	32	216260	85'-6"	101'-3"	253881	6096	5494	4877	26.06	30.86	7189	
	33	222616	88'-2"	103'-11"	261343	6276	5656	5020	26.87	31.67	7400	
	34	228972	90'-10"	106'-7"	268804	6456	5817	5164	27.69	32.49	7612	
	35	235328	93'-6"	109'-3"	276267	6635	5979	5307	28.5	33.3	7823	
	36	241684	96'-2"	111'-11"	283730	6814	6141	5451	29.31	34.11	8035	
	37	248040	98'-10"	114'-7"	291201	6993	6302	5594	30.12	34.93	8246	
	72	13	141146	34'-10"	54'-9"	165700	3979	3586	3183	10.62	16.69	4692
		14	150300	37'-5"	57'-5"	176447	4237	3819	3390	11.43	17.5	4996
		15	159454	40'-2"	60'-1"	187193	4495	4051	3596	12.24	18.31	5301
		16	168608	42'-10"	62'-9"	197939	4753	4284	3802	13.06	19.13	5605
		17	177762	45'-6"	65'-5"	208686	5011	4516	4009	13.87	19.94	5909
		18	186916	48'-2"	68'-1"	219432	5269	4749	4215	14.68	20.75	6214
		19	196070	50'-10"	70'-9"	230179	5527	4981	4422	15.49	21.56	6518
		20	205224	53'-6"	73'-5"	240925	5785	5214	4628	16.31	22.38	6822
		21	214378	56'-2"	76'-1"	251672	6043	5447	4835	17.12	23.19	7127
		22	223532	58'-10"	78'-9"	262418	6301	5679	5041	17.93	24	7431
		23	232686	61'-6"	81'-5"	273165	6559	5912	5248	18.75	24.82	7735
24		241840	64'-2"	84'-1"	283911	6818	6144	5454	19.56	25.63	8040	
25		250994	66'-10"	86'-9"	294657	7076	6377	5660	20.37	26.44	8344	
26		260148	69'-6"	89'-5"	305404	7334	6609	5867	21.18	27.25	8648	
27		269302	72'-2"	92'-1"	316150	7592	6842	6073	22	28.07	8952	
28		278456	74'-10"	94'-9"	326897	7850	7075	6280	22.81	28.88	9257	
29		287610	77'-6"	97'-5"	337643	8108	7307	6486	23.62	29.69	9561	
30		296764	80'-2"	100'-1"	348390	8366	7540	6693	24.43	30.51	9865	
31		305918	82'-10"	102'-9"	359136	8624	7772	6899	25.25	31.32	10170	
32		315072	85'-6"	105'-5"	369883	8882	8005	7106	26.06	32.13	10474	
33		324226	88'-2"	108'-1"	380629	9140	8237	7312	26.87	32.94	10778	
34		333380	90'-10"	110'-9"	391375	9398	8470	7519	27.69	33.76	11083	
35		342534	93'-6"	113'-5"	402138	9656	8703	7725	28.5	34.57	11387	
36		351688	96'-2"	116'-1"	412885	9914	8935	7932	29.31	35.38	11692	
37		360842	98'-10"	118'-9"	423632	10173	9168	8138	30.12	36.2	11996	
75		13	154138	34'-10"	55'-9"	180952	4345	3916	3476	10.62	16.99	5124
		14	164070	37'-6"	58'-5"	192612	4625	4168	3700	11.43	17.81	5454
		15	174002	40'-2"	61'-1"	204272	4905	4421	3924	12.24	18.62	5784
		16	183934	42'-10"	63'-9"	215932	5185	4673	4148	13.06	19.43	6115
		17	193866	45'-6"	66'-5"	227591	5465	4925	4372	13.87	20.24	6445
		18	203798	48'-2"	69'-1"	239251	5745	5178	4596	14.68	21.06	6775
		19	213730	50'-10"	71'-9"	250911	6025	5430	4820	15.49	21.87	7105
		20	223662	53'-6"	74'-5"	262571	6305	5682	5044	16.31	22.68	7435
		21	233594	56'-2"	77'-1"	274231	6585	5935	5268	17.12	23.5	7765
		22	243526	58'-10"	79'-9"	285890	6865	6187	5492	17.93	24.31	8096
		23	253458	61'-6"	82'-5"	297550	7145	6439	5716	18.75	25.12	8426
		24	263390	64'-2"	85'-1"	309210	7425	6692	5940	19.56	25.93	8756
	25	273322	66'-10"	87'-9"	320870	7705	6944	6164	20.37	26.75	9086	
	26	283254	69'-6"	90'-5"	332530	7985	7196	6388	21.18	27.56	9416	
	27	293186	72'-2"	93'-1"	344189	8265	7449	6612	22	28.37	9746	
	28	303118	74'-10"	95'-9"	355849	8545	7701	6836	22.81	29.18	10077	
	29	313050	77'-6"	98'-5"	367509	8825	7954	7060	23.62	30	10407	
	30	322982	80'-2"	101'-1"	379169	9105	8206	7284	24.43	30.81	10737	
	31	332914	82'-10"	103'-9"	390829	9385	8458	7508	25.25	31.62	11067	
	32	342846	85'-6"	106'-5"	402488	9665	8711	7732	26.06	32.44	11397	
	33	352778	88'-2"	109'-1"	414148	9945	8963	7956	26.87	33.25	11727	
	34	362710	90'-10"	111'-9"	425808	10225	9215	8180	27.69	34.06	12058	
	35	372642	93'-6"	114'-5"	437468	10505	9468	8404	28.5	34.87	12388	
	36	382574	96'-2"	117'-1"	449128	10785	9720	8628	29.31	35.69	12718	
	37	392506	98'-10"	119'-9"	460806	11065	9972	8852	30.12	36.5	13049	

Diameter	Ring	Max Bu. Capacity	Eave (Height Ft.)	Peak (Height Ft.)	Cap. (Cubic Ft.)	Metric Tons 800 kg/m ³	Metric Tons 721 kg/m ³	Metric Tons 640 kg/m ³	Eave Height (Meters)	Peak Height (Meters)	Max. Cap. (Cubic Meters)	
78	13	167781	34'-10"	56'-6"	196969	4730	4263	3784	10.62	17.22	5578	
	14	178524	37'-6"	59'-2"	209580	5033	4536	4026	11.43	18.03	5935	
	15	189267	40'-2"	61'-10"	222192	5335	4809	4268	12.24	18.85	6292	
	16	200010	42'-10"	64'-6"	234804	5638	5082	4511	13.06	19.66	6649	
	17	210753	45'-6"	67'-2"	247416	5941	5354	4753	13.87	20.47	7006	
	18	221496	48'-2"	69'-10"	260028	6244	5627	4995	14.68	21.29	7363	
	19	232239	50'-10"	72'-6"	272640	6547	5900	5238	15.49	22.1	7720	
	20	242982	53'-6"	75'-2"	285252	6850	6173	5480	16.31	22.91	8078	
	21	253725	56'-2"	77'-10"	297864	7153	6446	5722	17.12	23.72	8435	
	22	264468	58'-10"	80'-6"	310475	7455	6719	5964	17.93	24.54	8792	
	23	275211	61'-6"	83'-2"	323087	7758	6992	6207	18.75	25.35	9149	
	24	285954	64'-2"	85'-10"	335699	8061	7265	6449	19.56	26.16	9506	
	25	296697	66'-10"	88'-6"	348311	8364	7538	6691	20.37	26.97	9863	
	26	307440	69'-6"	91'-2"	360923	8667	7811	6933	21.18	27.79	10220	
	27	318183	72'-2"	93'-10"	373535	8970	8084	7176	22	28.6	10577	
	28	328926	74'-10"	96'-6"	386147	9273	8357	7418	22.81	29.41	10935	
	29	339669	77'-6"	99'-2"	398759	9575	8630	7660	23.62	30.23	11292	
	30	350412	80'-2"	101'-10"	411370	9878	8903	7903	24.43	31.04	11649	
	31	361155	82'-10"	104'-6"	423982	10181	9176	8145	25.25	31.85	12006	
	32	371898	85'-6"	107'-2"	436594	10484	9449	8387	26.06	32.66	12363	
	33	382641	88'-2"	109'-10"	449206	10787	9722	8629	26.87	33.48	12720	
	34	393384	90'-10"	112'-6"	461818	11090	9995	8872	27.69	34.29	13077	
	35	404127	93'-6"	115'-2"	474429	11393	10268	9114	28.5	35.1	13435	
	36	414870	96'-2"	117'-10"	487041	11696	10541	9357	29.31	35.92	13792	
	37	425613	98'-10"	120'-6"	499654	11999	10814	9599	30.12	36.73	14149	
	90	13	229051	34'-10"	59'-10"	268897	6457	5819	5166	10.62	18.24	7614
		14	243354	37'-6"	62'-6"	285688	6860	6183	5488	11.43	19.05	8090
		15	257657	40'-2"	65'-2"	302480	7263	6546	5811	12.24	19.86	8565
		16	271960	42'-10"	67'-10"	319271	7667	6910	6133	13.06	20.68	9041
		17	286263	45'-6"	70'-6"	336062	8070	7273	6456	13.87	21.49	9516
		18	300566	48'-2"	73'-2"	352853	8473	7636	6778	14.68	22.3	9992
		19	314869	50'-10"	75'-10"	369644	8876	8000	7101	15.49	23.11	10467
		20	329172	53'-6"	78'-6"	386435	9279	8363	7424	16.31	23.93	10943
		21	343475	56'-2"</								

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