

AGI 

GRAIN STORAGE



Engineered for High Capacity, High Performance & Outstanding Value

Why sacrifice strength and long life for price? With AGI, you can have it all!

You've invested money, time, intelligence, technology and sweat into your crop. You deserve a grain storage system that protects the investment without a worry.

The Strongest, Highest-Rated Roof System in the Industry

Our roof systems meet the industry's highest load ratings for wind and snow, for non-structured roofs and we have the documented engineering data to prove it.

Commercial Grade Quality at an Affordable Price

Our storage systems are rugged, reliable and long-lasting—providing outstanding performance and value over the long haul. Every grain bin is backed by a **5-year warranty**.

Galvanization throughout for longer life

Every roof, sidewall and hopper uses galvanized steel for industry-leading corrosion protection

Innovative Design That Solves Big Problems

We've engineered features that address key issues including personal safety, easier access, resistance to moisture, strength and stability, and reliability and performance over the long haul.

Industry-Leading Bin Safety Equipment & Accessibility

From sturdy ladders and stairs to roomy access doors everything we do is focused on making your grain storage system as safe and easy to use as possible. These features can help you comply with OSHA guidelines.

Precise Engineering for Easier Construction

Bolt holes that line up. Sheets that are sized right and sized consistently. Sensible bundling of materials for easier handling on the job site. It all adds up to savings of time, labor and headaches.





Roof System

Non-Structured roofs available from 12' (3.65 m) to 60' (18.28 m) diameter

The Roof System offers strength and protection that is the best in the business. You get maximum grain protection, superior strength and reliability that is unmatched by any other non-structured roof. Why pay more for a structured roof when you can get a high-performance, industry-leading roof system for less?

- Highest load ratings for wind and snow in the industry, for non-structured roofs. You get maximum strength without paying extra for a structured roof
- Steep 30° slope sheds moisture and snow quickly and efficiently
- Galvanization steel use for longer life and corrosion protection
- ASTM A653 Grade 50 with 50K yield and 65K tensile for the ultimate in strength and durability.
- Corrugation in flat of roof sheets provides an extra measure of strength

NON-STRUCTURED ROOFS

LOADING	
Live Load	35 lbs/ft² (1.0 kPa)
Dead Load	3 lbs/ft² (0.14 kPa)
Wind Load	105 mph (168 kph)
CONCENTRATED PEAK LOADING	
12' to 24' (3.66 to 7.32 m)	3,000 lbs (1,361 kg)
27' to 30' (8.23 to 9.14 m)	5,000 lbs (2,268 kg)
33' to 36' (10.06 to 10.97 m)	6,000 lbs (2,721 kg)
42' to 48' (12.80 to 14.63 m)	8,000 lbs (3,629 kg)
54' to 60' (16.46 to 18.29 m)	10,000 lbs (4,536 kg)

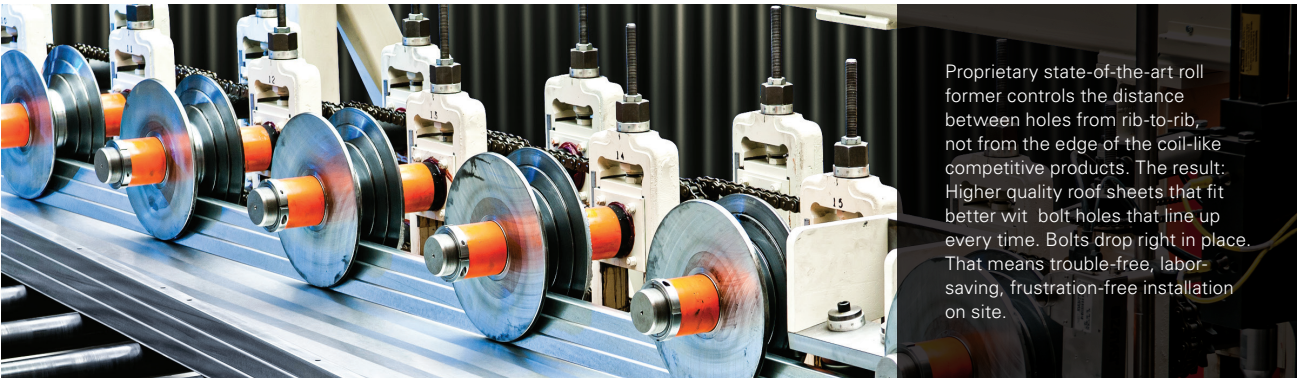
Roof Systems are simply the best in the business, providing load capacity that no one else can match. Example: Our 60' bin roof is rated at 10,000 lbs. Nobody else comes close.

The Contractor's Choice

- Fewer parts for quicker, easier construction
- Precise manufacturing for accuracy and trouble-free in-field assembly
- Bolt holes that line up every time for faster installation
- Quality, strength and industry-leading specifications provide confidence and reliability

RAFTERED ROOF CAPACITIES

ROOF DIAMETER	ROOF PEAK LOAD
135' [41.20 m]	100,000 lb [45,359 kg]
105' [32.00 m]	75,000 lbs [34,020 kg]
90' [27.43 m]	75,000 lbs [34,020 kg]
78' [23.77 m]	75,000 lbs [34,020 kg]
75' [22.86 m]	75,000 lbs [34,020 kg]
72' [21.94 m]	75,000 lbs [34,020 kg]
60' [18.29 m]	30,000 lb [13,608 kg]
54' [16.46 m]	30,000 lb [13,608 kg]
48' [14.63 m]	30,000 lb [13,608 kg]
42' [12.80 m]	20,000 lb [9,072 kg]
36' [10.97 m]	20,000 lb [9,072 kg]
33' [10.06 m]	20,000 lb [9,072 kg]
30' [9.14 m]	20,000 lb [9,072 kg]







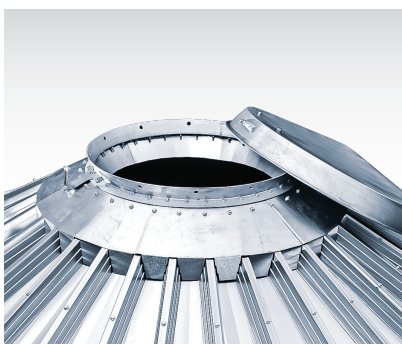
Large pre-formed manway roof opening is standard, featuring a hinged lid and a big 4.1 sq. ft. (0.38 m²) opening for easy access. Easy-open lid with big beefy hinges lays flat to avoid wind. Seamless extruded collar (inset) with rubber gasket provides moisture-tight seal when closed. Pre-formed opening makes for simpler construction and tight fit.



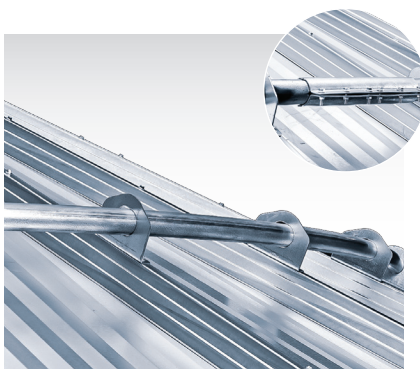
Specially designed 12 GA eave clips connect roof sheets to sidewalls. "Up" position helps exhaust moisture-laden air. "Down" position preferred for long-term storage. Built-in rib stops keep out pesky birds. Continuous eave ring used in lieu of clips on 54' (16.46 m) and 60' (18.28 m) models.



Extra-tall 3-5/8" (9.2 cm) stair-stepped ribs are staggered to provide even greater strength. Hemmed drip edge deflects moisture, eliminates sharp edges to reduce injury and strengthens the cross-section of the roof sheet.



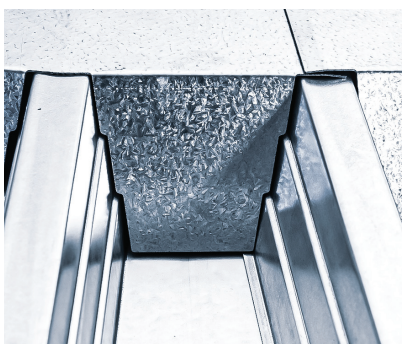
Large 36" (91.4 cm) peak opening provides easy filling and optimal access. A roof ladder from the eave to the peak. Plus a roof safety ring are standard on all models. Easy-open removable cap is standard. Heavy-duty cap for spouting is optional.



Oversized bridging ring enhances structural integrity. Splice clamps (inset) and expansion bolts ensure ring segments function as one continuous pipe.



Well-designed 2.25 sq. ft. (0.2 m²) roof vents for maximum airflow. Vent openings are pre-punched for easy construction and tight fit and seals. Vents feature seamless raised lip (inset) for improved integrity and moisture resistance.



Peak flashing is formed to the ribs to improve resistance to moisture and birds.



Safety ring is a continuous round pipe for safety, easier access to and around the roof cap.



Extra-large manway is sized for plenty of shoulder-room and easy maneuverability, even for large-framed farmers wearing cold-weather gear!

Sidewall

- Galvanized steel used throughout
- ASTM A653 Grade 50 to 55 with 50K to 55K yield and 65K to 70K tensile strength
- 2.66" (6.76 cm) corrugation (the industry standard)



One-ring base anchor firmly and securely holds bin wall to concrete base for stability, strength and weather resistance.



Bin hold-down bracket on 42' (12.80 m) to 60' (18.28 m) bins provides supplemental security and strength to one-ring base anchor.

Door

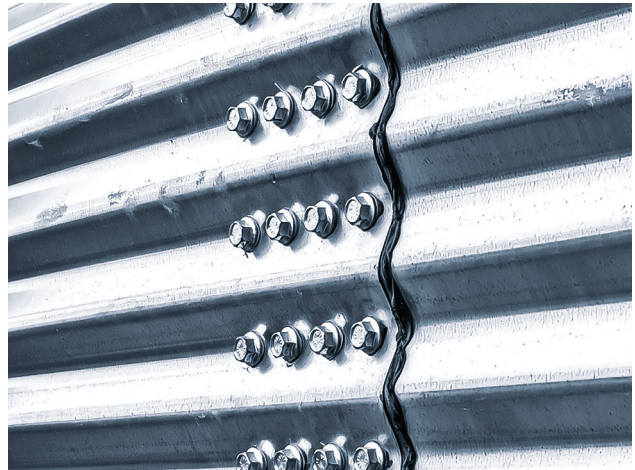


Full opening door in sidewall provides full and easy access regardless of door option selected. Both 1R and 2R options available.



Outer door cover with bar lock firmly holds door cover closed, even in challenging weather conditions.

Fasteners



Grade 8.2 bin bolts are used throughout to ensure strengths and stability. Roofs and lighter gauge sidewalls use 5/16" (0.79 cm) bolts. Heavier gauge sidewalls use 3/8" (0.95 cm) bolts.



Top-quality fasteners feature JS1000 plating system, SAE Grade 8.2 for maximum shear capacity as well as industry-standard washers to seal the bolt to the sidewall.

Grain Storage

On-Farm

- Galvanized steel used throughout for corrosion protection
- Commercial grade quality & strength that an affordable price
- Available from a dealer you can trust — with unmatched service



Commercial

- 5 GA to 19 GA sidewalls available allowing us to design each bin to match your application
- All sheets are identified for gauge, supplier, coil and date for easy traceability.
- Precise 7/16" sidewall punching easily accommodates 3/8" bolts, saving time during construction
- Industry-leading bin safety equipment & accessibility features that help you comply with OSHA guidelines



Ag-Comm

Ag-Comm grain storage systems from AGI are engineered for structural integrity, unmatched strength, and the ultimate in protection of grain quality. AGI can also provides grain handling systems including legs, conveyors, towers and catwalks. Through our manufacturing partners, we also provide additional grain handling and drying systems—resulting in a turn-key Ag-Comm system that will serve you well over the long haul.



Optional side draw unloading allows for high-speed, economical bin unloading. This optional side draw design package includes upgrades such as heavier stiffeners, sidewalls and wind rings to ensure structural integrity.



Wind rings are standard on larger sizes and optional on others and can be easily mounted to the stiffeners. Wind rings provide improved wind load—and help maintain the round bin shape when using off-center unloading such as aside draw system.

Prepunched wind ring holes simplify the installation of wind rings.



Stiffeners are ASTM A653 Grade 55 with 55K yield and 70K tensile (except 18 GA).



12 GA splice ensures that stiffeners are properly butted to effectively transfer sidewall load to the foundation.



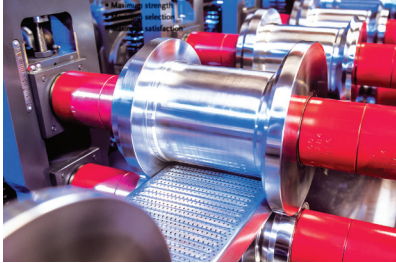
Floors

Floors

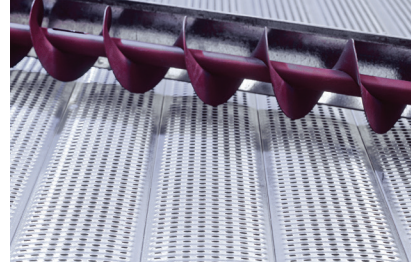
AGI bin floors are available in a wide variety of styles to match the application, storage system and customer preference. Long-lasting galvanized construction coupled with state-of-the-art design and manufacturing makes for a bin floor that stands up to use and abuse under the most challenging conditions. Floors can be constructed in any diameter, which makes an AGI floor available on our bins—plus any other brand of bin.

The Contractor's Choice

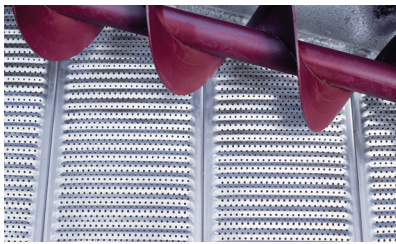
- Fewer parts for quicker, easier construction
- Precise manufacturing for accuracy and trouble-free in-field assembly
- Bolt holes that line up every time for faster installation
- Quality, strength and industry-leading specifications provide confidence and reliability



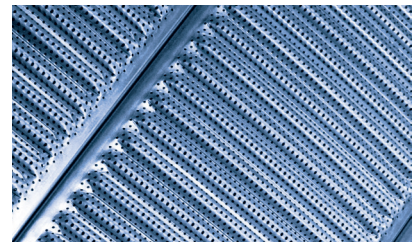
16 GA Floor Option is the heaviest specification available in the industry. AGI also offers the widest variety of gauges in the industry, providing even more assurance that the construction matches the challenge.



Built-in crown on planks prevents sagging and provides additional strength. Slotted design offers strength and economy.



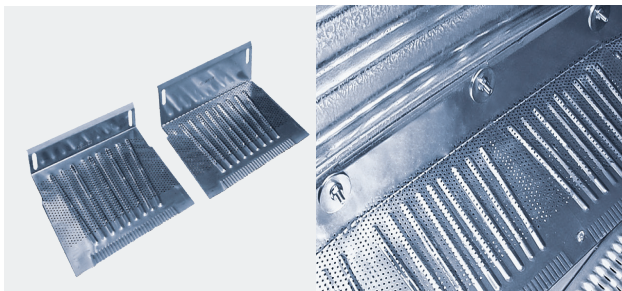
Built-in corrugation on planks increases strength and rigidity. Round perforation (0.093") design is smooth and easy to sweep.



Small perforation (0.050") floor planks are ideal for use in storing small grains such as canola. Smooth surface facilitates easy clean-out.

Flashing

Bin flashing is an underappreciated but critical component of bin construction. At AGI we take great care in designing and manufacturing flashing that is strong and durable, regardless of the gauge you choose for your flooring system.

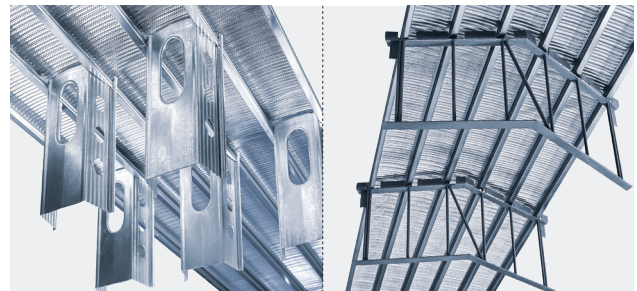


Choice of high back or low back flashing works for both new bin installation or retrofits.

Multi-rib design adds strength and durability. Also provides traction for sweep augers.

Supports

AGI supports are available in either galvanized or welded styles, providing a choice for customers. Supports come in multiple heights to accommodate different sizes of bin unloading systems and fan transitions for optimum performance.



Locking tabs on galvanized supports lock into place during assembly. 17 GA galvanization provides strength and dependability.

Powder-coated welded design resists rust and lasts longer than non-painted supports. Facilitates easy installation.

Stairs & Ladders

Personal safety and easy accessibility are hallmarks of storage systems from AGI.

All galvanized steel construction

ensures long life and lasting strength under the most demanding conditions.

Extra-wide step and toe space provide additional confidence and safety, while helping you comply with OSHA regulations.

Extruded non-slip stair helps prevent build-up of ice and water for sure footing under tough conditions and heavy loads.

Single or doublewide platforms at the top provide easy access to roof stairs and manway. Optional rest stop and working platforms below provide a safe, convenient surface when and where you need it. Four-inch (102 mm) toe-boards ensure a safer platform for everyone above and below.

Large pipe handrails with OSHA-compliant spacings provide a sure grip as you ascend or descend. There are no rail breaks, sharp ends, corners or protruding bolts. An optional inner handrail is available for extra assurance.



Roof Handrails



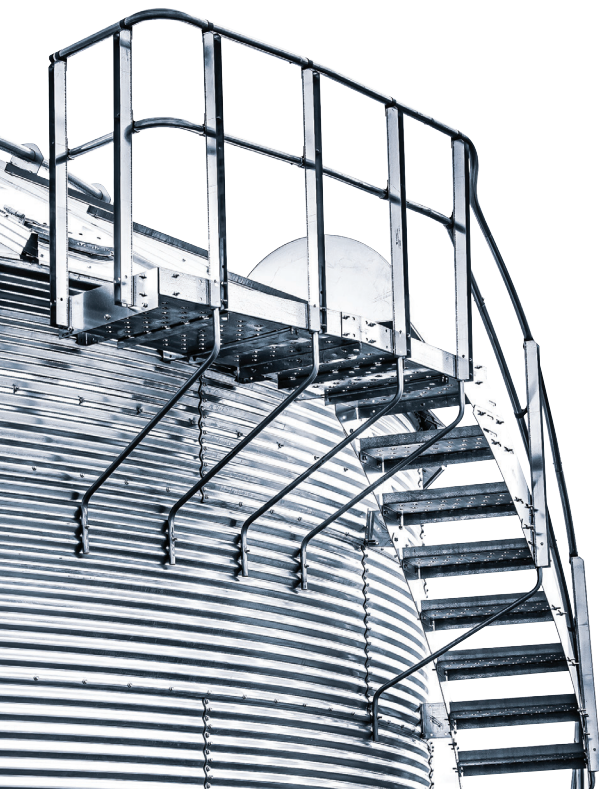
Ladder Safety Cage



Roof Stairs



In-Bin Emergency Ladder



Fans & Heaters

Axial Fans

- Available in 3-15 HP
- Statically and dynamically balanced
- Totally enclosed air-over motors (TEAO)
- 18", 24" and 28" galvanized steel housing
- Light weight glass-reinforced polypropylene (GRP) propellers



Axial fans

Low Speed Centrifugal Fans

- 5-50HP galvanized steel housing
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced airfoil blade wheel ensures maximum airflow and efficiency
- Adjustable feet allow fans to be leveled on a concrete pad or support stand
- Aerodynamically designed inlet cone
- Weatherproof electrical controls
- Control boxes wired to allow for easy addition of a transformer and easy connection with supplemental heaters and bin monitoring systems

High Speed Centrifugal Fans

- 3-15HP powder coated steel housing
- 20-40HP galvanized steel housing
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced airfoil blade wheel ensures maximum airflow and efficiency
- Adjustable feet on 20-40HP units allow the fan to be leveled on a concrete pad or support stand
- Aerodynamically designed inlet cone
- Weatherproof electrical controls



Centrifugal fans

Upstream Heaters

- Available in vapor propane or natural gas models to fit 10 HP to 50 HP Low speed fans
- Propane 37,500-346,000 BTU
- Natural gas 59,000 to 335,000 BTU
- Perfect solution for low temperature grain drying when less than 20 °F (11 °C) temperature rise is required



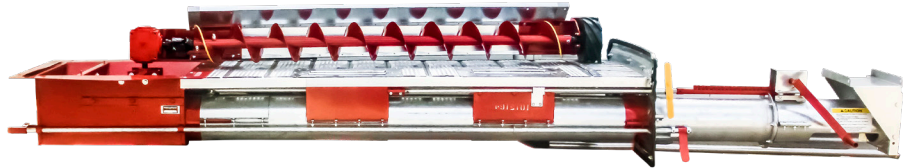
Low temperature upstream heater

Sweeps & Unloads



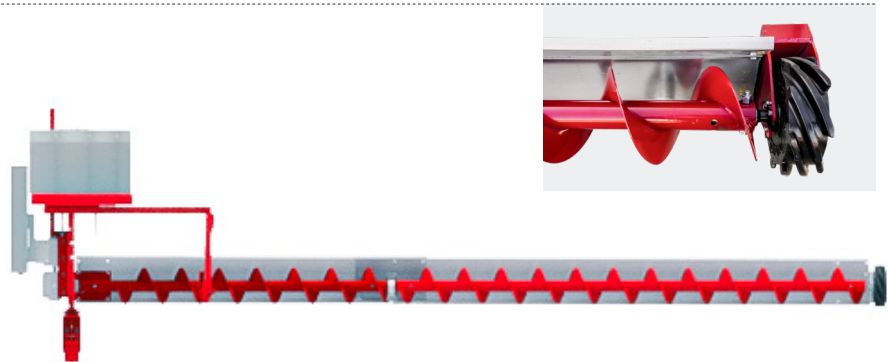
Standard and Heavy Duty Power Sweep

- Complete Unload and Sweep System
- Sweep end-wheel has an 8.5:1 reduction
- Extended wear flighting available
- 6", 8", 10" diameters Available
- Bins from 15' up to 78' Diameter



Commercial Klean Sweeps

- 1012 (9" Flight) and 1214 (12" Flight) options
- Sweep tractor options
- 24' up to 105' bin diameter options
- Leave-in design up to certain bin heights



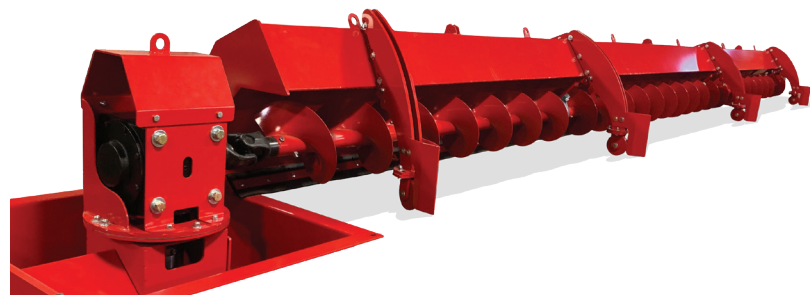
NexGen 2085TK/3150TK

- Robust commercial design
- 12.5" to 18" flight diameters
- Zero entry control panel options
- 6,000 BPH up to 15,000 BPH capacity
- Up to 150' diameter options (3150TK)
- Tru-Klean chain and paddle option
- Sweep Tractors



Hi Flow Commercial Sweep

- 15" diameter flight
- Up to 10,000 BPH capacity
- Underbin motor
- Hydraulic Track Drive
- 48' to 108' diameter options



Grain Bin Monitoring

AGI **BINMANAGER**®

AGI's marketing leading bin monitoring system includes AGI BinManager® cables which provide data to our software platform AGI SureTrack™.

Both the hardware and software work seamlessly together to read temperature and moisture levels, viewable from anywhere at anytime.

Key features

- Safety with zero-entry grain bin management. Using real-time cable and sensor readings there's no need to manually probe grain as data is captured and reported directly to the AGI SureTrack™ dashboard.
- Visibility with real time views of moisture and temperature reading. Add in custom alerts and get insights in order to help you make decisions for optimal storage conditions.
- Automation to achieve and maintain target moisture levels while maintaining protein, starch and oil content.



FARM BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
15 ft. (4.57 M) Diameter	15-3	1401	1204	8'-0"	12'-3"	2.44	3.73	47	36	38	29
	15-4	1798	1601	10'-8"	14'-11"	3.25	4.55	60	46	49	37
	15-5	2195	1998	13'-4"	17'-7"	4.06	5.36	73	56	59	45
	15-6	2592	2395	16'-0"	20'-3"	4.88	6.17	86	66	70	53
	15-7	2989	2793	18'-8"	22'-11"	5.69	6.99	99	76	81	61
	15-8	3387	3190	21'-4"	25'-7"	6.50	7.80	113	86	92	69
	15-9	3784	3587	24'-0"	28'-3"	7.32	8.61	126	96	103	77
	15-10	4181	3984	26'-8"	30'-11"	8.13	9.42	139	106	113	85
	15-11	4578	4381	29'-4"	33'-7"	8.94	10.24	152	116	125	93
	15-12	4975	4778	32'-0"	36'-3"	9.75	11.05	165	126	135	102
18 ft. (5.49 M) Diameter	18-4	2646	2306	10'-8"	15'-9"	3.25	4.81	88	67	72	54
	18-5	3218	2877	13'-4"	18'-5"	4.06	5.62	107	82	87	66
	18-6	3790	3449	16'-0"	21'-1"	4.88	6.43	126	96	103	77
	18-7	4362	4021	18'-8"	23'-9"	5.69	7.25	145	111	118	89
	18-8	4933	4593	21'-4"	26'-5"	6.50	8.06	164	125	134	101
	18-9	5505	5165	24'-0"	29'-1"	7.32	8.87	183	140	149	113
	18-10	6077	5737	26'-8"	31'-9"	8.13	9.68	202	154	165	124
	18-11	6649	6309	29'-4"	34'-5"	8.94	10.50	221	169	180	136
21 ft. (6.40 M) Diameter	21-4	3678	3138	10'-8"	16'-8"	3.25	5.07	122	93	100	75
	21-5	4457	3917	13'-4"	19'-4"	4.06	5.88	148	113	121	91
	21-6	5235	4695	16'-0"	22'-0"	4.88	6.70	174	133	142	107
	21-7	6014	5473	18'-8"	24'-8"	5.69	7.51	200	153	163	123
	21-8	6792	6252	21'-4"	27'-4"	6.50	8.32	226	173	184	139
	21-9	7571	7030	24'-0"	30'-0"	7.32	9.14	252	192	205	155
	21-10	8349	7809	26'-8"	32'-8"	8.13	9.95	278	212	226	171
	21-11	9128	8587	29'-4"	35'-4"	8.94	10.76	303	232	247	187
	21-12	9906	9366	32'-0"	38'-0"	9.75	11.58	329	252	268	202
24 ft. (7.32 M) Diameter	24-4	4905	4099	10'-8"	17'-6"	3.25	5.33	163	125	133	100
	24-5	5922	5115	13'-4"	20'-2"	4.06	6.15	197	150	160	121
	24-6	6939	6132	16'-0"	22'-10"	4.88	6.96	231	176	188	142
	24-7	7956	7149	18'-8"	25'-6"	5.69	7.77	264	202	216	163
	24-8	8972	8166	21'-4"	28'-2"	6.50	8.59	298	228	243	183
	24-9	9989	9182	24'-0"	30'-10"	7.32	9.40	332	254	271	204
	24-10	11006	10199	26'-8"	33'-6"	8.13	10.21	366	280	298	225
	24-11	12022	11216	29'-4"	36'-2"	8.94	11.02	400	305	326	246
	24-12	13039	12233	32'-0"	38'-10"	9.75	11.84	433	331	353	267
27 ft. (8.23 M) Diameter	27-4	6336	5187	10'-8"	18'-4"	3.25	5.60	211	161	172	129
	27-5	7623	6474	13'-4"	21'-0"	4.06	6.41	253	194	207	156
	27-6	8910	7761	16'-0"	23'-8"	4.88	7.22	296	226	241	182
	27-7	10196	9048	18'-8"	26'-4"	5.69	8.04	339	259	276	208
	27-8	11483	10335	21'-4"	29'-0"	6.50	8.85	382	292	311	235
	27-9	12770	11621	24'-0"	31'-8"	7.32	9.66	425	324	346	261
	27-10	14057	12908	26'-8"	34'-4"	8.13	10.47	467	357	381	287
	27-11	15344	14195	29'-4"	37'-0"	8.94	11.29	510	390	416	314
	27-12	16630	15482	32'-0"	39'-8"	9.75	12.10	553	423	451	340

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

FARM BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
30 ft. (9.14 M) Diameter	30-4	7980	6404	10'-8"	19'-3"	3.25	5.86	265	203	216	163
	30-5	9568	7993	13'-4"	21'-11"	4.06	6.67	318	243	259	196
	30-6	11157	9582	16'-0"	24'-7"	4.88	7.48	371	283	302	228
	30-7	12746	11170	18'-8"	27'-3"	5.69	8.30	424	324	345	261
	30-8	14334	12759	21'-4"	29'-11"	6.50	9.11	477	364	388	293
	30-9	15923	14347	24'-0"	32'-7"	7.32	9.92	529	405	431	325
	30-10	17512	15936	26'-8"	35'-3"	8.13	10.73	582	445	475	358
	30-11	19100	17525	29'-4"	37'-11"	8.94	11.55	635	485	518	390
33 ft. (10.06 M) Diameter	33-4	9846	7749	10'-8"	20'-1"	3.25	6.13	327	250	267	201
	33-5	11768	9671	13'-4"	22'-9"	4.06	6.94	391	299	319	241
	33-6	13691	11594	16'-0"	25'-5"	4.88	7.75	455	348	371	280
	33-7	15613	13516	18'-8"	28'-1"	5.69	8.57	519	397	423	319
	33-8	17535	15438	21'-4"	30'-9"	6.50	9.38	583	446	475	358
	33-9	19457	17360	24'-0"	33'-5"	7.32	10.19	647	494	527	398
	33-10	21380	19283	26'-8"	36'-1"	8.13	11.00	711	543	579	437
	33-11	23302	21205	29'-4"	38'-9"	8.94	11.82	775	592	631	476
36 ft. (10.97 M) Diameter	36-4	11944	9222	10'-8"	20'-12"	3.25	6.39	397	303	324	244
	36-5	14232	11510	13'-4"	23'-8"	4.06	7.20	473	362	386	291
	36-6	16520	13797	16'-0"	26'-3"	4.88	8.01	549	420	448	338
	36-7	18807	16085	18'-8"	28'-11"	5.69	8.83	625	478	510	384
	36-8	21095	18373	21'-4"	31'-8"	6.50	9.64	701	536	572	431
	36-9	23383	20660	24'-0"	34'-3"	7.32	10.45	777	594	634	478
	36-10	25670	22948	26'-8"	36'-11"	8.13	11.26	853	652	696	525
	36-11	27958	25236	29'-4"	39'-8"	8.94	12.08	929	710	758	571
42 ft. (12.80 M) Diameter	42-4	16875	12552	10'-8"	22'-8"	3.25	6.91	561	429	457	345
	42-5	19989	15666	13'-4"	25'-4"	4.06	7.72	665	508	542	409
	42-6	23103	18780	16'-0"	28'-0"	4.88	8.53	768	587	626	472
	42-7	26217	21894	18'-8"	30'-8"	5.69	9.35	872	666	710	536
	42-8	29330	25007	21'-4"	33'-4"	6.50	10.16	975	745	795	599
	42-9	32444	28121	24'-0"	36'-0"	7.32	10.97	1,079	824	879	663
	42-10	35558	31235	26'-8"	38'-8"	8.13	11.79	1,182	903	964	727
	42-11	38672	34349	29'-4"	41'-4"	8.94	12.60	1,286	983	1,048	790
48 ft. (14.63 M) Diameter	48-4	22848	16395	10'-8"	24'-5"	3.25	7.44	760	581	619	467
	48-5	26915	20462	13'-4"	27'-1"	4.06	8.25	895	684	729	550
	48-6	30982	24529	16'-0"	29'-9"	4.88	9.06	1,030	787	840	633
	48-7	35049	28596	18'-8"	32'-5"	5.69	9.88	1,165	890	950	716
	48-8	39116	32663	21'-4"	35'-1"	6.50	10.69	1,300	994	1,060	799
	48-9	43183	36730	24'-0"	37'-9"	7.32	11.50	1,436	1,097	1,170	883
	48-10	47250	40796	26'-8"	40'-5"	8.13	12.32	1,571	1,200	1,280	966
	48-11	51316	44863	29'-4"	43'-1"	8.94	13.13	1,706	1,304	1,391	1,049
48 ft. (14.63 M) Diameter	48-12	55383	48930	32'-0"	45'-9"	9.75	13.94	1,841	1,407	1,501	1,132

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 48 lbs. per cubic foot. Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose.

Maximum bushel capacities and metric ton capacities are based on 6% compaction.

16GLBL-003_01/16_2M

AG-COMM BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
30 ft. (9.14 M) Diameter	A30-4	10098	8522	14'-3"	22'-9"	4.33	6.94	336	257	275	206
	A30-5	12216	10641	17'-9"	26'-4"	5.42	8.03	406	310	332	249
	A30-6	14334	12759	21'-4"	29'-11"	6.50	9.11	477	364	390	292
	A30-7	16452	14877	24'-11"	33'-5"	7.59	10.19	547	418	448	336
	A30-8	18571	16995	28'-5"	37'-0"	8.67	11.28	617	472	505	379
	A30-9	20689	19113	32'-0"	40'-7"	9.75	12.36	688	526	563	422
	A30-10	22807	21232	35'-7"	44'-1"	10.84	13.44	758	579	620	465
	A30-11	24925	23350	39'-1"	47'-8"	11.92	14.53	829	633	678	509
	A30-12	27043	25468	42'-8"	51'-3"	13.00	15.61	899	687	736	552
	A30-13	29162	27586	46'-3"	54'-9"	14.09	16.70	969	741	793	595
	A30-14	31280	29704	49'-9"	58'-4"	15.17	17.78	1,040	795	851	638
	A30-15	33398	31823	53'-4"	61'-11"	16.26	18.86	1,110	849	909	681
33 ft. (10.06 M) Diameter	A33-4	12409	10312	14'-3"	23'-8"	4.33	7.21	413	315	338	253
	A33-5	14972	12875	17'-9"	27'-3"	5.42	8.30	498	380	407	305
	A33-6	17535	15438	21'-4"	30'-9"	6.50	9.38	583	446	477	358
	A33-7	20098	18001	24'-11"	34'-4"	7.59	10.46	668	511	547	410
	A33-8	22661	20564	28'-5"	37'-11"	8.67	11.55	753	576	616	462
	A33-9	25224	23127	32'-0"	41'-5"	9.75	12.63	839	641	686	515
	A33-10	27787	25690	35'-7"	45'-0"	10.84	13.71	924	706	756	567
	A33-11	30350	28253	39'-1"	48'-7"	11.92	14.80	1,009	771	826	619
	A33-12	32913	30816	42'-8"	52'-1"	13.00	15.88	1,094	836	895	672
	A33-13	35476	33379	46'-3"	55'-8"	14.09	16.97	1,179	901	965	724
	A33-14	38039	35942	49'-9"	59'-3"	15.17	18.05	1,265	966	1,035	776
	A33-15	40602	38505	53'-4"	62'-9"	16.26	19.13	1,350	1,032	1,105	828
	A33-16	43165	41068	56'-11"	66'-4"	17.34	20.22	1,435	1,097	1,174	881
	A33-17	45728	43631	60'-5"	69'-11"	18.42	21.30	1,520	1,162	1,244	933
36 ft. (10.97 M) Diameter	A36-4	14995	12272	14'-3"	24'-6"	4.33	7.47	498	381	408	306
	A36-5	18045	15323	17'-9"	28'-1"	5.42	8.56	600	458	491	368
	A36-6	21095	18373	21'-4"	31'-8"	6.50	9.64	701	536	574	430
	A36-7	24145	21423	24'-11"	35'-2"	7.59	10.72	803	613	657	493
	A36-8	27195	24473	28'-5"	38'-9"	8.67	11.81	904	691	740	555
	A36-9	30246	27523	32'-0"	42'-3"	9.75	12.89	1,006	768	823	617
	A36-10	33296	30574	35'-7"	45'-10"	10.84	13.97	1,107	846	906	679
	A36-11	36346	33624	39'-1"	49'-5"	11.92	15.06	1,208	923	989	742
	A36-12	39396	36674	42'-8"	52'-11"	13.00	16.14	1,310	1,001	1,072	804
	A36-13	42447	39724	46'-3"	56'-6"	14.09	17.23	1,411	1,078	1,155	866
	A36-14	45497	42774	49'-9"	60'-1"	15.17	18.31	1,513	1,156	1,238	928
	A36-15	48547	45825	53'-4"	63'-7"	16.26	19.39	1,614	1,233	1,321	991
	A36-16	51597	48875	56'-11"	67'-2"	17.34	20.48	1,715	1,311	1,404	1,053
	A36-17	54647	51925	60'-5"	70'-9"	18.42	21.56	1,817	1,388	1,487	1,115
	A36-18	57698	54975	64'-0"	74'-4"	19.51	22.64	1,918	1,466	1,570	1,177
42 ft. (12.80 M) Diameter	A42-4	21027	16704	14'-3"	26'-3"	4.33	7.99	699	534	572	429
	A42-5	25179	20856	17'-9"	29'-9"	5.42	9.08	837	640	685	514
	A42-6	29330	25007	21'-4"	33'-4"	6.50	10.16	975	745	798	598
	A42-7	33482	29159	24'-11"	36'-11"	7.59	11.24	1,113	851	911	683
	A42-8	37634	33311	28'-5"	40'-5"	8.67	12.33	1,251	956	1,024	768
	A42-9	41785	37462	32'-0"	44'-0"	9.75	13.41	1,389	1,062	1,137	853
	A42-10	45937	41614	35'-7"	47'-7"	10.84	14.49	1,527	1,167	1,250	937
	A42-11	50089	45766	39'-1"	51'-1"	11.92	15.58	1,665	1,273	1,363	1,022
	A42-12	54240	49917	42'-8"	54'-8"	13.00	16.66	1,803	1,378	1,476	1,107
	A42-13	58392	54069	46'-3"	58'-3"	14.09	17.75	1,941	1,484	1,589	1,191
	A42-14	62544	58221	49'-9"	61'-9"	15.17	18.83	2,079	1,589	1,701	1,276
	A42-15	66695	62372	53'-4"	65'-4"	16.26	19.91	2,217	1,695	1,814	1,361
	A42-16	70847	66524	56'-11"	68'-11"	17.34	21.00	2,355	1,800	1,927	1,446
	A42-17	74999	70676	60'-5"	72'-5"	18.42	22.08	2,493	1,906	2,040	1,530
	A42-18	79150	74827	64'-0"	76'-0"	19.51	23.16	2,631	2,011	2,153	1,615

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

AG-COMM BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
48 ft. (14.63 M) Diameter	A48-4	28270	21817	14'-3"	28'-0"	4.33	8.52	940	718	769	577
	A48-5	33693	27240	17'-9"	31'-6"	5.42	9.61	1,120	856	917	687
	A48-6	39116	32663	21'-4"	35'-1"	6.50	10.69	1,300	994	1,064	798
	A48-7	44538	38085	24'-11"	38'-8"	7.59	11.77	1,481	1,132	1,212	909
	A48-8	49961	43508	28'-5"	42'-2"	8.67	12.86	1,661	1,269	1,359	1,019
	A48-9	55383	48930	32'-0"	45'-9"	9.75	13.94	1,841	1,407	1,507	1,130
	A48-10	60806	54353	35'-7"	49'-4"	10.84	15.03	2,021	1,545	1,654	1,241
	A48-11	66229	59776	39'-1"	52'-10"	11.92	16.11	2,202	1,683	1,802	1,351
	A48-12	71651	65198	42'-8"	56'-5"	13.00	17.19	2,382	1,820	1,949	1,462
	A48-13	77074	70621	46'-3"	60'-0"	14.09	18.28	2,562	1,958	2,097	1,573
	A48-14	82496	76043	49'-9"	63'-6"	15.17	19.36	2,743	2,096	2,244	1,683
	A48-15	87919	81466	53'-4"	67'-1"	16.26	20.44	2,923	2,234	2,392	1,794
	A48-16	93341	86888	56'-11"	70'-8"	17.34	21.53	3,103	2,372	2,539	1,904
	A48-17	98764	92311	60'-5"	74'-2"	18.42	22.61	3,283	2,509	2,687	2,015
	A48-18	104187	97734	64'-0"	77'-9"	19.51	23.70	3,464	2,647	2,834	2,126
54 ft. (16.46 M) Diameter	A54-4	36801	27613	14'-3"	29'-8"	4.33	9.04	1,223	935	1,001	751
	A54-5	43664	34476	17'-9"	33'-3"	5.42	10.13	1,452	1,109	1,188	891
	A54-6	50527	41339	21'-4"	36'-9"	6.50	11.21	1,680	1,284	1,375	1,031
	A54-7	57390	48202	24'-11"	40'-4"	7.59	12.29	1,908	1,458	1,561	1,171
	A54-8	64253	55065	28'-5"	43'-11"	8.67	13.38	2,136	1,632	1,748	1,311
	A54-9	71115	61927	32'-0"	47'-5"	9.75	14.46	2,364	1,807	1,935	1,451
	A54-10	77978	68790	35'-7"	51'-0"	10.84	15.55	2,592	1,981	2,121	1,591
	A54-11	84841	75653	39'-1"	54'-7"	11.92	16.63	2,821	2,156	2,308	1,731
	A54-12	91704	82516	42'-8"	58'-1"	13.00	17.71	3,049	2,330	2,495	1,871
	A54-13	98567	89379	46'-3"	61'-8"	14.09	18.80	3,277	2,504	2,681	2,011
	A54-14	105430	96242	49'-9"	65'-3"	15.17	19.88	3,505	2,679	2,868	2,151
	A54-15	112293	103105	53'-4"	68'-9"	16.26	20.96	3,733	2,853	3,055	2,291
	A54-16	119156	109968	56'-11"	72'-4"	17.34	22.05	3,961	3,027	3,242	2,431
	A54-17	126019	116831	60'-5"	75'-11"	18.42	23.13	4,189	3,202	3,428	2,571
	A54-18	132882	123694	64'-0"	79'-5"	19.51	24.22	4,418	3,376	3,615	2,711
60 ft. (18.29 M) Diameter	A60-4	46693	34090	14'-3"	31'-5"	4.33	9.57	1,552	1,186	1,270	953
	A60-5	55166	42563	17'-9"	34'-11"	5.42	10.65	1,834	1,402	1,501	1,126
	A60-6	63639	51035	21'-4"	38'-6"	6.50	11.74	2,116	1,617	1,731	1,298
	A60-7	72112	59508	24'-11"	42'-1"	7.59	12.82	2,397	1,832	1,962	1,471
	A60-8	80584	67981	28'-5"	45'-7"	8.67	13.91	2,679	2,047	2,192	1,644
	A60-9	89057	76454	32'-0"	49'-2"	9.75	14.99	2,961	2,263	2,423	1,817
	A60-10	97530	84926	35'-7"	52'-9"	10.84	16.07	3,242	2,478	2,653	1,990
	A60-11	106003	93399	39'-1"	56'-3"	11.92	17.16	3,524	2,693	2,884	2,163
	A60-12	114476	101872	42'-8"	59'-10"	13.00	18.24	3,806	2,909	3,114	2,336
	A60-13	122948	110345	46'-3"	63'-5"	14.09	19.32	4,087	3,124	3,345	2,509
	A60-14	131421	118818	49'-9"	66'-11"	15.17	20.41	4,369	3,339	3,575	2,681
	A60-15	139894	127290	53'-4"	70'-6"	16.26	21.49	4,651	3,554	3,806	2,854
	A60-16	148367	135763	56'-11"	74'-1"	17.34	22.58	4,932	3,770	4,036	3,027
	A60-17	156840	144236	60'-5"	77'-7"	18.42	23.66	5,214	3,985	4,267	3,200
	A60-18	165312	152709	64'-0"	81'-2"	19.51	24.74	5,496	4,200	4,497	3,373

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Maximum bushel capacities and metric ton capacities are based on 6% compaction.

16GLBL-003_01/16_2M

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
15 ft. (4.57 M) Diameter	15-6	2592	2395	16'-0"	20'-3"	4.88	6.17	86	66	71	53
	15-7	2989	2793	18'-8"	22'-11"	5.69	6.99	99	76	81	61
	15-8	3387	3190	21'-4"	25'-7"	6.50	7.80	113	86	92	69
	15-9	3784	3587	24'-0"	28'-3"	7.32	8.61	126	96	103	77
	15-10	4181	3984	26'-8"	30'-11"	8.13	9.42	139	106	114	85
	15-11	4578	4381	29'-4"	33'-7"	8.94	10.24	152	116	125	93
	15-12	4975	4778	32'-0"	36'-3"	9.75	11.05	165	126	135	102
	15-13	5372	5176	34'-8"	38'-11"	10.57	11.86	179	136	146	110
18 ft. (5.49 M) Diameter	18-6	3790	3449	16'-0"	21'-1"	4.88	6.43	126	96	103	77
	18-7	4362	4021	18'-8"	23'-9"	5.69	7.25	145	111	119	89
	18-8	4933	4593	21'-4"	26'-5"	6.50	8.06	164	125	134	101
	18-9	5505	5165	24'-0"	29'-1"	7.32	8.87	183	140	150	112
	18-10	6077	5737	26'-8"	31'-9"	8.13	9.68	202	154	165	124
	18-11	6649	6309	29'-4"	34'-5"	8.94	10.50	221	169	181	136
	18-12	7221	6881	32'-0"	37'-1"	9.75	11.31	240	183	196	147
	18-13	7793	7453	34'-8"	39'-9"	10.57	12.12	259	198	212	159
	18-14	8365	8025	37'-4"	42'-5"	11.38	12.93	278	213	228	171
	18-15	8937	8597	40'-0"	45'-1"	12.19	13.75	297	227	243	182
	18-16	9509	9168	42'-8"	47'-9"	13.00	14.56	316	242	259	194
	18-17	10081	9740	45'-4"	50'-5"	13.82	15.37	335	256	274	206
21 ft. (6.49 M) Diameter	21-6	5235	4695	16'-0"	21'-12"	4.88	6.70	174	133	142	107
	21-7	6014	5473	18'-8"	24'-8"	5.69	7.51	200	153	164	123
	21-8	6792	6252	21'-4"	27'-4"	6.50	8.32	226	173	185	139
	21-9	7571	7030	24'-0"	29'-12"	7.32	9.13	252	192	206	154
	21-10	8349	7809	26'-8"	32'-8"	8.13	9.95	278	212	227	170
	21-11	9128	8587	29'-4"	35'-4"	8.94	10.76	303	232	248	186
	21-12	9906	9366	32'-0"	37'-12"	9.75	11.57	329	252	269	202
	21-13	10684	10144	34'-8"	40'-8"	10.57	12.39	355	271	291	218
	21-14	11463	10922	37'-4"	43'-4"	11.38	13.20	381	291	312	234
	21-15	12241	11701	40'-0"	45'-12"	12.19	14.01	407	311	333	250
	21-16	13020	12479	42'-8"	48'-8"	13.00	14.82	433	331	354	266
	21-17	13798	13258	45'-4"	51'-4"	13.82	15.64	459	351	375	282
	21-18	14577	14036	48'-0"	53'-12"	14.63	16.45	485	370	397	297
	21-19	15355	14815	50'-8"	56'-8"	15.44	17.26	510	390	418	313
	21-20	16133	15593	53'-4"	59'-4"	16.26	18.08	536	410	439	329
	21-21	16912	16372	56'-0"	61'-12"	17.07	18.89	562	430	460	345
	21-22	17690	17150	58'-8"	64'-8"	17.88	19.70	588	449	481	361
	21-23	18469	17928	61'-4"	67'-4"	18.69	20.51	614	469	502	377
24 ft. (7.32 M) Diameter	24-6	6939	6132	16'-0"	22'-10"	4.88	6.96	231	176	189	142
	24-7	7956	7149	18'-8"	25'-6"	5.69	7.77	264	202	216	162
	24-8	8972	8166	21'-4"	28'-2"	6.50	8.59	298	228	244	183
	24-9	9989	9182	24'-0"	30'-10"	7.32	9.40	332	254	272	204
	24-10	11006	10199	26'-8"	33'-6"	8.13	10.21	366	280	299	225
	24-11	12022	11216	29'-4"	36'-2"	8.94	11.02	400	305	327	245
	24-12	13039	12233	32'-0"	38'-10"	9.75	11.84	433	331	355	266
	24-13	14056	13249	34'-8"	41'-6"	10.57	12.65	467	357	382	287
	24-14	15073	14266	37'-4"	44'-2"	11.38	13.46	501	383	410	308
	24-15	16089	15283	40'-0"	46'-10"	12.19	14.27	535	409	438	328
	24-16	17106	16300	42'-8"	49'-6"	13.00	15.09	569	435	465	349
	24-17	18123	17316	45'-4"	52'-2"	13.82	15.90	602	460	493	370
	24-18	19140	18333	48'-0"	54'-10"	14.63	16.71	636	486	521	391
	24-19	20156	19350	50'-8"	57'-6"	15.44	17.53	670	512	548	411
	24-20	21173	20366	53'-4"	60'-2"	16.26	18.34	704	538	576	432
	24-21	22190	21383	56'-0"	62'-10"	17.07	19.15	738	564	604	453

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
24 ft. (7.32 M) Diameter	24-22	23207	22400	58'-8"	65'-6"	17.88	19.96	771	590	631	473
	24-23	24223	23417	61'-4"	68'-2"	18.69	20.78	805	615	659	494
	24-24	25240	24433	64'-0"	70'-10"	19.51	21.59	839	641	687	515
	24-25	26257	25450	66'-8"	73'-6"	20.32	22.40	873	667	714	536
	24-26	27274	26467	69'-4"	76'-2"	21.13	23.22	907	693	742	556
27 ft. (8.23 M) Diameter	27-6	8910	7761	16'-0"	23'-8"	4.88	7.22	296	226	242	182
	27-7	10196	9048	18'-8"	26'-4"	5.69	8.04	339	259	277	208
	27-8	11483	10335	21'-4"	29'-0"	6.50	8.85	382	292	312	234
	27-9	12770	11621	24'-0"	31'-8"	7.32	9.66	425	324	347	261
	27-10	14057	12908	26'-8"	34'-4"	8.13	10.47	467	357	382	287
	27-11	15344	14195	29'-4"	37'-0"	8.94	11.29	510	390	417	313
	27-12	16630	15482	32'-0"	39'-8"	9.75	12.10	553	423	452	339
	27-13	17917	16769	34'-8"	42'-4"	10.57	12.91	596	455	487	366
	27-14	19204	18055	37'-4"	45'-0"	11.38	13.73	638	488	522	392
	27-15	20491	19342	40'-0"	47'-8"	12.19	14.54	681	521	557	418
	27-16	21778	20629	42'-8"	50'-4"	13.00	15.35	724	553	592	444
	27-17	23064	21916	45'-4"	53'-0"	13.82	16.16	767	586	627	471
	27-18	24351	23203	48'-0"	55'-8"	14.63	16.98	810	619	662	497
	27-19	25638	24490	50'-8"	58'-4"	15.44	17.79	852	651	697	523
	27-20	26925	25776	53'-4"	61'-0"	16.26	18.60	895	684	732	549
	27-21	28212	27063	56'-0"	63'-8"	17.07	19.42	938	717	767	576
	27-22	29498	28350	58'-8"	66'-4"	17.88	20.23	981	749	802	602
	27-23	30785	29637	61'-4"	69'-0"	18.69	21.04	1023	782	837	628
	27-24	32072	30924	64'-0"	71'-8"	19.51	21.85	1066	815	873	654
	27-25	33359	32210	66'-8"	74'-4"	20.32	22.67	1109	848	908	681
	27-26	34646	33497	69'-4"	77'-0"	21.13	23.48	1152	880	943	707
	27-27	35932	34784	72'-0"	79'-8"	21.95	24.29	1195	913	978	733
	27-28	37219	36071	74'-8"	82'-4"	22.76	25.10	1237	946	1013	759
	27-29	38506	37358	77'-4"	85'-0"	23.57	25.92	1280	978	1048	786
	27-30	39793	38644	80'-0"	87'-8"	24.38	26.73	1323	1011	1083	812
30 ft. (9.14 M) Diameter	30-6	11157	9582	16'-0"	24'-7"	4.88	7.48	371	283	304	228
	30-7	12746	11170	18'-8"	27'-3"	5.69	8.30	424	324	347	260
	30-8	14334	12759	21'-4"	29'-11"	6.50	9.11	477	364	390	292
	30-9	15923	14347	24'-0"	32'-7"	7.32	9.92	529	405	433	325
	30-10	17512	15936	26'-8"	35'-3"	8.13	10.73	582	445	476	357
	30-11	19100	17525	29'-4"	37'-11"	8.94	11.55	635	485	520	390
	30-12	20689	19113	32'-0"	40'-7"	9.75	12.36	688	526	563	422
	30-13	22278	20702	34'-8"	43'-3"	10.57	13.17	741	566	606	455
	30-14	23866	22291	37'-4"	45'-11"	11.38	13.99	793	606	649	487
	30-15	25455	23879	40'-0"	48'-7"	12.19	14.80	846	647	692	519
	30-16	27043	25468	42'-8"	51'-3"	13.00	15.61	899	687	736	552
	30-17	28632	27057	45'-4"	53'-11"	13.82	16.42	952	727	779	584
	30-18	30221	28645	48'-0"	56'-7"	14.63	17.24	1005	768	822	617
	30-19	31809	30234	50'-8"	59'-3"	15.44	18.05	1057	808	865	649
	30-20	33398	31823	53'-4"	61'-11"	16.26	18.86	1110	849	909	681
	30-21	34987	33411	56'-0"	64'-7"	17.07	19.68	1163	889	952	714
	30-22	36575	35000	58'-8"	67'-3"	17.88	20.49	1216	929	995	746
	30-23	38164	36589	61'-4"	69'-11"	18.69	21.30	1269	970	1038	779
	30-24	39753	38177	64'-0"	72'-7"	19.51	22.11	1322	1010	1081	811
	30-25	41341	39766	66'-8"	75'-3"	20.32	22.93	1374	1050	1125	844
	30-26	42930	41354	69'-4"	77'-11"	21.13	23.74	1427	1091	1168	876
	30-27	44519	42943	72'-0"	80'-7"	21.95	24.55	1480	1131	1211	908
	30-28	46107	44532	74'-8"	83'-3"	22.76	25.37	1533	1171	1254	941
	30-29	47696	46120	77'-4"	85'-11"	23.57	26.18	1586	1212	1298	973
	30-30	49285	47709	80'-0"	88'-7"	24.38	26.99	1638	1252	1341	1006
	30-31	50873	49298	82'-8"	91'-3"	25.20	27.80	1691	1293	1384	1038
	30-32	52462	50886	85'-4"	93'-11"	26.01	28.62	1744	1333	1427	1070
	30-32	52462	50886	85'-4"	93'-11"	26.01	28.62	1744	1333	1427	1070

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m3). Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose. Maximum bushel capacities and metric ton capacities are based on 6% compaction.

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
33 ft. (10.06 M) Diameter	33-6	13691	11594	16'-0"	25'-5"	4.88	7.75	455	348	372	279
	33-7	15613	13516	18'-8"	28'-1"	5.69	8.57	519	397	425	319
	33-8	17535	15438	21'-4"	30'-9"	6.50	9.38	583	446	477	358
	33-9	19457	17360	24'-0"	33'-5"	7.32	10.19	647	494	529	397
	33-10	21380	19283	26'-8"	36'-1"	8.13	11.00	711	543	582	436
	33-11	23302	21205	29'-4"	38'-9"	8.94	11.82	775	592	634	475
	33-12	25224	23127	32'-0"	41'-5"	9.75	12.63	839	641	686	515
	33-13	27146	25050	34'-8"	44'-1"	10.57	13.44	902	690	739	554
	33-14	29069	26972	37'-4"	46'-9"	11.38	14.26	966	739	791	593
	33-15	30991	28894	40'-0"	49'-5"	12.19	15.07	1030	787	843	632
	33-16	32913	30816	42'-8"	52'-1"	13.00	15.88	1094	836	895	672
	33-17	34835	32739	45'-4"	54'-9"	13.82	16.69	1158	885	948	711
	33-18	36758	34661	48'-0"	57'-5"	14.63	17.51	1222	934	1000	750
	33-19	38680	36583	50'-8"	60'-1"	15.44	18.32	1286	983	1052	789
	33-20	40602	38505	53'-4"	62'-9"	16.26	19.13	1350	1032	1105	828
	33-21	42525	40428	56'-0"	65'-5"	17.07	19.95	1414	1080	1157	868
	33-22	44447	42350	58'-8"	68'-1"	17.88	20.76	1478	1129	1209	907
	33-23	46369	44272	61'-4"	70'-9"	18.69	21.57	1542	1178	1261	946
	33-24	48291	46194	64'-0"	73'-5"	19.51	22.38	1605	1227	1314	985
	33-25	50214	48117	66'-8"	76'-1"	20.32	23.20	1669	1276	1366	1025
	33-26	52136	50039	69'-4"	78'-9"	21.13	24.01	1733	1325	1418	1064
	33-27	54058	51961	72'-0"	81'-5"	21.95	24.82	1797	1373	1471	1103
	33-28	55980	53883	74'-8"	84'-1"	22.76	25.64	1861	1422	1523	1142
	33-29	57903	55806	77'-4"	86'-9"	23.57	26.45	1925	1471	1575	1181
	33-30	59825	57728	80'-0"	89'-5"	24.38	27.26	1989	1520	1628	1221
	33-31	61747	59650	82'-8"	92'-1"	25.20	28.07	2053	1569	1680	1260
	33-32	63669	61573	85'-4"	94'-9"	26.01	28.89	2117	1618	1732	1299
36 ft. (10.97 M) Diameter	36-6	16520	13797	16'-0"	26'-3"	4.88	8.01	549	420	449	337
	36-7	18807	16085	18'-8"	28'-11"	5.69	8.83	625	478	512	384
	36-8	21095	18373	21'-4"	31'-8"	6.50	9.64	701	536	574	430
	36-9	23383	20660	24'-0"	34'-3"	7.32	10.45	777	594	636	477
	36-10	25670	22948	26'-8"	36'-11"	8.13	11.26	853	652	698	524
	36-11	27958	25236	29'-4"	39'-8"	8.94	12.08	929	710	761	570
	36-12	30246	27523	32'-0"	42'-3"	9.75	12.89	1006	768	823	617
	36-13	32533	29811	34'-8"	44'-11"	10.57	13.70	1082	827	885	664
	36-14	34821	32099	37'-4"	47'-7"	11.38	14.52	1158	885	947	710
	36-15	37109	34386	40'-0"	50'-3"	12.19	15.33	1234	943	1010	757
	36-16	39396	36674	42'-8"	52'-11"	13.00	16.14	1310	1001	1072	804
	36-17	41684	38962	45'-4"	55'-7"	13.82	16.95	1386	1059	1134	850
	36-18	43972	41249	48'-0"	58'-3"	14.63	17.77	1462	1117	1196	897
	36-19	46259	43537	50'-8"	60'-11"	15.44	18.58	1538	1175	1258	944
	36-20	48547	45825	53'-4"	63'-7"	16.26	19.39	1614	1233	1321	991
	36-21	50835	48112	56'-0"	66'-4"	17.07	20.21	1690	1292	1383	1037
	36-22	53122	50400	58'-8"	68'-11"	17.88	21.02	1766	1350	1445	1084
	36-23	55410	52688	61'-4"	71'-8"	18.69	21.83	1842	1408	1507	1131
	36-24	57698	54975	64'-0"	74'-4"	19.51	22.64	1918	1466	1570	1177
	36-25	59985	57263	66'-8"	76'-11"	20.32	23.46	1994	1524	1632	1224
	36-26	62273	59550	69'-4"	79'-8"	21.13	24.27	2070	1582	1694	1271
	36-27	64561	61838	72'-0"	82'-4"	21.95	25.08	2146	1640	1756	1317
	36-28	66848	64126	74'-8"	84'-11"	22.76	25.90	2222	1698	1819	1364
	36-29	69136	66413	77'-4"	87'-8"	23.57	26.71	2298	1757	1881	1411
	36-30	71423	68701	80'-0"	90'-4"	24.38	27.52	2374	1815	1943	1457
	36-31	73711	70989	82'-8"	92'-11"	25.20	28.33	2450	1873	2005	1504
	36-32	75999	73276	85'-4"	95'-8"	26.01	29.15	2527	1931	2068	1551
	36-33	78286	75564	88'-0"	98'-4"	26.82	29.96	2603	1989	2130	1597
	36-34	80574	77852	90'-8"	100'-11"	27.64	30.77	2679	2047	2192	1644

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHELS)	LEVEL CAPACITY (BUSHELS)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
36 ft. (10.97 M) Diameter	36-35	82862	80139	93'-4"	103'-8"	28.45	31.58	2755	2105	2254	1691
	36-36	85149	82427	96'-0"	106'-4"	29.26	32.40	2831	2163	2316	1737
	36-37	87437	84715	98'-8"	108'-11"	30.07	33.21	2907	2222	2379	1784
	36-38	89725	87002	101'-4"	111'-8"	30.89	34.02	2983	2280	2441	1831
42 ft. (12.80 M) Diameter	42-6	23103	18780	16'-0"	28'-0"	4.88	8.53	768	587	629	471
	42-7	26217	21894	18'-8"	30'-8"	5.69	9.35	872	666	713	535
	42-8	29330	25007	21'-4"	33'-4"	6.50	10.16	975	745	798	598
	42-9	32444	28121	24'-0"	36'-0"	7.32	10.97	1079	824	883	662
	42-10	35558	31235	26'-8"	38'-8"	8.13	11.79	1182	903	967	726
	42-11	38672	34349	29'-4"	41'-4"	8.94	12.60	1286	983	1052	789
	42-12	41785	37462	32'-0"	44'-0"	9.75	13.41	1389	1062	1137	853
	42-13	44899	40576	34'-8"	46'-8"	10.57	14.22	1493	1141	1221	916
	42-14	48013	43690	37'-4"	49'-4"	11.38	15.04	1596	1220	1306	980
	42-15	51127	46804	40'-0"	52'-0"	12.19	15.85	1700	1299	1391	1043
	42-16	54240	49917	42'-8"	54'-8"	13.00	16.66	1803	1378	1476	1107
	42-17	57354	53031	45'-4"	57'-4"	13.82	17.48	1907	1457	1560	1170
	42-18	60468	56145	48'-0"	60'-0"	14.63	18.29	2010	1536	1645	1234
	42-19	63582	59259	50'-8"	62'-8"	15.44	19.10	2114	1615	1730	1297
	42-20	66695	62372	53'-4"	65'-4"	16.26	19.91	2217	1695	1814	1361
	42-21	69809	65486	56'-0"	68'-0"	17.07	20.73	2321	1774	1899	1424
	42-22	72923	68600	58'-8"	70'-8"	17.88	21.54	2424	1853	1984	1488
	42-23	76037	71714	61'-4"	73'-4"	18.69	22.35	2528	1932	2069	1551
	42-24	79150	74827	64'-0"	76'-0"	19.51	23.16	2631	2011	2153	1615
	42-25	82264	77941	66'-8"	78'-8"	20.32	23.98	2735	2090	2238	1678
	42-26	85378	81055	69'-4"	81'-4"	21.13	24.79	2838	2169	2323	1742
	42-27	88492	84169	72'-0"	84'-0"	21.95	25.60	2942	2248	2407	1806
	42-28	91605	87282	74'-8"	86'-8"	22.76	26.42	3045	2327	2492	1869
	42-29	94719	90396	77'-4"	89'-4"	23.57	27.23	3149	2407	2577	1933
	42-30	97833	93510	80'-0"	92'-0"	24.38	28.04	3252	2486	2661	1996
	42-31	100947	96624	82'-8"	94'-8"	25.20	28.85	3356	2565	2746	2060
	42-32	104060	99737	85'-4"	97'-4"	26.01	29.67	3459	2644	2831	2123
	42-33	107174	102851	88'-0"	100'-0"	26.82	30.48	3563	2723	2916	2187
	42-34	110288	105965	90'-8"	102'-8"	27.64	31.29	3666	2802	3000	2250
	42-35	113402	109079	93'-4"	105'-4"	28.45	32.11	3770	2881	3085	2314
	42-36	116515	112192	96'-0"	108'-0"	29.26	32.92	3873	2960	3170	2377
	42-37	119629	115306	98'-8"	110'-8"	30.07	33.73	3977	3039	3254	2441
	42-38	122743	118420	101'-4"	113'-4"	30.89	34.54	4081	3119	3339	2504
	42-39	125857	121534	104'-0"	116'-0"	31.70	35.36	4184	3198	3424	2568
	42-40	128970	124647	106'-8"	118'-8"	32.51	36.17	4288	3277	3509	2631
48 ft. (14.63 M) Diameter	48-6	30982	24529	16'-0"	29'-9"	4.88	9.06	1030	787	843	632
	48-7	35049	28596	18'-8"	32'-5"	5.69	9.88	1165	890	953	715
	48-8	39116	32663	21'-4"	35'-1"	6.50	10.69	1300	994	1064	798
	48-9	43183	36730	24'-0"	37'-9"	7.32	11.50	1436	1097	1175	881
	48-10	47250	40796	26'-8"	40'-5"	8.13	12.32	1571	1200	1285	964
	48-11	51316	44863	29'-4"	43'-1"	8.94	13.13	1706	1304	1396	1047
	48-12	55383	48930	32'-0"	45'-9"	9.75	13.94	1841	1407	1507	1130
	48-13	59450	52997	34'-8"	48'-5"	10.57	14.75	1976	1510	1617	1213
	48-14	63517	57064	37'-4"	51'-1"	11.38	15.57	2112	1614	1728	1296
	48-15	67584	61131	40'-0"	53'-9"	12.19	16.38	2247	1717	1839	1379
	48-16	71651	65198	42'-8"	56'-5"	13.00	17.19	2382	1820	1949	1462
	48-17	75718	69265	45'-4"	59'-1"	13.82	18.01	2517	1924	2060	1545
	48-18	79785	73332	48'-0"	61'-9"	14.63	18.82	2652	2027	2171	1628
	48-19	83852	77399	50'-8"	64'-5"	15.44	19.63	2788	2130	2281	1711
	48-20	87919	81466	53'-4"	67'-1"	16.26	20.44	2923	2234	2392	1794
	48-21	91986	85533	56'-0"	69'-9"	17.07	21.26	3058	2337	2502	1877
	48-22	96053	89600	58'-8"	72'-5"	17.88	22.07	3193	2440	2613	1960

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m3). Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose. Maximum bushel capacities and metric ton capacities are based on 6% compaction.

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
48 ft. (14.63 M) Diameter	48-23	100120	93667	61'-4"	75'-1"	18.69	22.88	3328	2544	2724	2043
	48-24	104187	97734	64'-0"	77'-9"	19.51	23.70	3464	2647	2834	2126
	48-25	108254	101801	66'-8"	80'-5"	20.32	24.51	3599	2750	2945	2209
	48-26	112321	105868	69'-4"	83'-1"	21.13	25.32	3734	2854	3056	2292
	48-27	116387	109934	72'-0"	85'-9"	21.95	26.13	3869	2957	3166	2375
	48-28	120454	114001	74'-8"	88'-5"	22.76	26.95	4004	3060	3277	2458
	48-29	124521	118068	77'-4"	91'-1"	23.57	27.76	4140	3164	3388	2541
	48-30	128588	122135	80'-0"	93'-9"	24.38	28.57	4275	3267	3498	2624
	48-31	132655	126202	82'-8"	96'-5"	25.20	29.38	4410	3370	3609	2707
	48-32	136722	130269	85'-4"	99'-1"	26.01	30.20	4545	3474	3719	2790
	48-33	140789	134336	88'-0"	101'-9"	26.82	31.01	4680	3577	3830	2873
	48-34	144856	138403	90'-8"	104'-5"	27.64	31.82	4816	3680	3941	2956
	48-35	148923	142470	93'-4"	107'-1"	28.45	32.64	4951	3784	4051	3039
	48-36	152990	146537	96'-0"	109'-9"	29.26	33.45	5086	3887	4162	3122
	48-37	157057	150604	98'-8"	112'-5"	30.07	34.26	5221	3990	4273	3204
	48-38	161124	154671	101'-4"	115'-1"	30.89	35.07	5356	4094	4383	3287
	48-39	165191	158738	104'-0"	117'-9"	31.70	35.89	5492	4197	4494	3370
	48-40	169258	162805	106'-8"	120'-5"	32.51	36.70	5627	4300	4605	3453
54 ft. (16.46 M) Diameter	54-12	71115	61927	32'-0"	47'-5"	9.75	14.46	2364	1807	1935	1451
	54-13	76263	67075	34'-8"	50'-1"	10.57	15.27	2535	1938	2075	1556
	54-14	81410	72222	37'-4"	52'-9"	11.38	16.09	2706	2068	2215	1661
	54-15	86557	77369	40'-0"	55'-5"	12.19	16.90	2878	2199	2355	1766
	54-16	91704	82516	42'-8"	58'-1"	13.00	17.71	3049	2330	2495	1871
	54-17	96852	87664	45'-4"	60'-9"	13.82	18.53	3220	2461	2635	1976
	54-18	101999	92811	48'-0"	63'-5"	14.63	19.34	3391	2592	2775	2081
	54-19	107146	97958	50'-8"	66'-1"	15.44	20.15	3562	2722	2915	2186
	54-20	112293	103105	53'-4"	68'-9"	16.26	20.96	3733	2853	3055	2291
	54-21	117440	108252	56'-0"	71'-5"	17.07	21.78	3904	2984	3195	2396
	54-22	122588	113400	58'-8"	74'-1"	17.88	22.59	4075	3115	3335	2501
	54-23	127735	118547	61'-4"	76'-9"	18.69	23.40	4246	3245	3475	2606
	54-24	132882	123694	64'-0"	79'-5"	19.51	24.22	4418	3376	3615	2711
	54-25	138029	128841	66'-8"	82'-1"	20.32	25.03	4589	3507	3755	2816
	54-26	143177	133989	69'-4"	84'-9"	21.13	25.84	4760	3638	3895	2921
	54-27	148324	139136	72'-0"	87'-5"	21.95	26.65	4931	3769	4035	3026
	54-28	153471	144283	74'-8"	90'-1"	22.76	27.47	5102	3899	4175	3131
	54-29	158618	149430	77'-4"	92'-9"	23.57	28.28	5273	4030	4315	3236
	54-30	163765	154577	80'-0"	95'-5"	24.38	29.09	5444	4161	4455	3341
	54-31	168913	159725	82'-8"	98'-1"	25.20	29.91	5615	4292	4595	3446
	54-32	174060	164872	85'-4"	100'-9"	26.01	30.72	5787	4422	4735	3551
	54-33	179207	170019	88'-0"	103'-5"	26.82	31.53	5958	4553	4875	3656
	54-34	184354	175166	90'-8"	106'-1"	27.64	32.34	6129	4684	5015	3761
	54-35	189502	180314	93'-4"	108'-9"	28.45	33.16	6300	4815	5155	3866
	54-36	194649	185461	96'-0"	111'-5"	29.26	33.97	6471	4946	5295	3972
	54-37	199796	190608	98'-8"	114'-1"	30.07	34.78	6642	5076	5435	4077
	54-38	204943	195755	101'-4"	116'-9"	30.89	35.60	6813	5207	5575	4182
	54-39	210090	200902	104'-0"	119'-5"	31.70	36.41	6984	5338	5715	4287
	54-40	215238	206050	106'-8"	122'-1"	32.51	37.22	7155	5469	5855	4392

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
60 ft. (18.29 M) Diameter	60-12	89057	76454	32'-0"	49'-2"	9.75	14.99	2961	2263	2423	1817
	60-13	95412	82808	34'-8"	51'-10"	10.57	15.80	3172	2424	2596	1947
	60-14	101766	89163	37'-4"	54'-6"	11.38	16.61	3383	2586	2769	2076
	60-15	108121	95517	40'-0"	57'-2"	12.19	17.43	3594	2747	2941	2206
	60-16	114476	101872	42'-8"	59'-10"	13.00	18.24	3806	2909	3114	2336
	60-17	120830	108227	45'-4"	62'-6"	13.82	19.05	4017	3070	3287	2465
	60-18	127185	114581	48'-0"	65'-2"	14.63	19.87	4228	3231	3460	2595
	60-19	133539	120936	50'-8"	67'-10"	15.44	20.68	4439	3393	3633	2725
	60-20	139894	127290	53'-4"	70'-6"	16.26	21.49	4651	3554	3806	2854
	60-21	146249	133645	56'-0"	73'-2"	17.07	22.30	4862	3716	3979	2984
	60-22	152603	140000	58'-8"	75'-10"	17.88	23.12	5073	3877	4152	3114
	60-23	158958	146354	61'-4"	78'-6"	18.69	23.93	5284	4039	4324	3243
	60-24	165312	152709	64'-0"	81'-2"	19.51	24.74	5496	4200	4497	3373
	60-25	171667	159063	66'-8"	83'-10"	20.32	25.56	5707	4362	4670	3503
	60-26	178022	165418	69'-4"	86'-6"	21.13	26.37	5918	4523	4843	3632
	60-27	184376	171773	72'-0"	89'-2"	21.95	27.18	6129	4685	5016	3762
	60-28	190731	178127	74'-8"	91'-10"	22.76	27.99	6341	4846	5189	3892
	60-29	197085	184482	77'-4"	94'-6"	23.57	28.81	6552	5007	5362	4021
	60-30	203440	190836	80'-0"	97'-2"	24.38	29.62	6763	5169	5534	4151
	60-31	209795	197191	82'-8"	99'-10"	25.20	30.43	6974	5330	5707	4281
	60-32	216149	203546	85'-4"	102'-6"	26.01	31.25	7186	5492	5880	4410
	60-33	222504	209900	88'-0"	105'-2"	26.82	32.06	7397	5653	6053	4540
	60-34	228858	216255	90'-8"	107'-10"	27.64	32.87	7608	5815	6226	4669
	60-35	235213	222609	93'-4"	110'-6"	28.45	33.68	7820	5976	6399	4799
	60-36	241567	228964	96'-0"	113'-2"	29.26	34.50	8031	6138	6572	4929
	60-37	247922	235319	98'-8"	115'-10"	30.07	35.31	8242	6299	6745	5058
	60-38	254277	241673	101'-4"	118'-6"	30.89	36.12	8453	6461	6917	5188
	60-39	260631	248028	104'-0"	121'-2"	31.70	36.93	8665	6622	7090	5318
	60-40	266986	254382	106'-8"	123'-10"	32.51	37.75	8876	6783	7263	5447
72 ft. (21.94 M) Diameter	72-12	131872	110093	32'-0"	49'-5"	9.75	15.07	4384	3351	3588	2691
	72-13	141023	119244	34'-8"	52'-1"	10.57	15.88	4688	3583	3836	2877
	72-14	150174	128395	37'-4"	54'-9"	11.38	16.69	4992	3816	4085	3064
	72-15	159324	137545	40'-0"	57'-5"	12.19	17.50	5297	4048	4334	3251
	72-16	168475	146696	42'-8"	60'-1"	13.00	18.32	5601	4281	4583	3437
	72-17	177625	155846	45'-4"	62'-9"	13.82	19.13	5905	4513	4832	3624
	72-18	186776	164997	48'-0"	65'-5"	14.63	19.94	6209	4745	5081	3811
	72-19	195927	174148	50'-8"	68'-1"	15.44	20.75	6513	4978	5330	3998
	72-20	205077	183298	53'-4"	70'-9"	16.26	21.57	6818	5210	5579	4184
	72-21	214228	192449	56'-0"	73'-5"	17.07	22.38	7122	5443	5828	4371
	72-22	223378	201599	58'-8"	76'-1"	17.88	23.19	7426	5675	6077	4558
	72-23	232529	210750	61'-4"	78'-9"	18.69	24.01	7730	5908	6326	4744
	72-24	241680	219901	64'-0"	81'-5"	19.51	24.82	8034	6140	6575	4931
	72-25	250830	229051	66'-8"	84'-1"	20.32	25.63	8339	6373	6824	5118
	72-26	259981	238202	69'-4"	86'-9"	21.13	26.44	8643	6605	7073	5305
	72-27	269131	247353	72'-0"	89'-5"	21.95	27.26	8947	6838	7322	5491
	72-28	278282	256503	74'-8"	92'-1"	22.76	28.07	9251	7070	7571	5678
	72-29	287433	265654	77'-4"	94'-9"	23.57	28.88	9556	7303	7819	5865
	72-30	296583	274804	80'-0"	97'-5"	24.38	29.70	9860	7535	8068	6051
	72-31	305734	283955	82'-8"	100'-1"	25.20	30.51	10164	7768	8317	6238
	72-32	314885	293106	85'-4"	102'-9"	26.01	31.32	10468	8000	8566	6425
	72-33	324035	302256	88'-0"	105'-5"	26.82	32.13	10772	8233	8815	6611
	72-34	333186	311407	90'-8"	108'-1"	27.64	32.95	11077	8465	9064	6798
	72-35	342336	320557	93'-4"	110'-9"	28.45	33.76	11381	8698	9313	6985
	72-36	351487	329708	96'-0"	113'-5"	29.26	34.57	11685	8930	9562	7172
	72-37	360638	338859	98'-8"	116'-1"	30.07	35.39	11989	9163	9811	7358
	72-38	369788	348009	101'-4"	118'-9"	30.89	36.20	12293	9395	10060	7545
	72-39	378939	357160	104'-0"	121'-5"	31.70	37.01	12598	9628	10309	7732
	72-40	388089	366311	106'-8"	124'-1"	32.51	37.82	12902	9860	10558	7918

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m3). Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose. Maximum bushel capacities and metric ton capacities are based on 6% compaction.

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
75 ft. (23.77 M) Diameter	75-12	144075	119459	32'-0"	50'-3"	9.75	15.33	4790	3661	3920	2940
	75-13	154004	129388	34'-8"	52'-11"	10.57	16.14	5120	3913	4190	3142
	75-14	163933	139317	37'-4"	55'-7"	11.38	16.95	5450	4165	4460	3345
	75-15	173862	149246	40'-0"	58'-3"	12.19	17.77	5780	4417	4730	3547
	75-16	183791	159175	42'-8"	60'-11"	13.00	18.58	6110	4670	5000	3750
	75-17	193721	169104	45'-4"	63'-7"	13.82	19.39	6440	4922	5270	3953
	75-18	203650	179033	48'-0"	66'-3"	14.63	20.20	6770	5174	5540	4155
	75-19	213579	188962	50'-8"	68'-11"	15.44	21.02	7100	5426	5810	4358
	75-20	223508	198891	53'-4"	71'-7"	16.26	21.83	7430	5679	6080	4560
	75-21	233437	208820	56'-0"	74'-3"	17.07	22.64	7760	5931	6351	4763
	75-22	243366	218749	58'-8"	76'-11"	17.88	23.46	8091	6183	6621	4965
	75-23	253295	228678	61'-4"	79'-7"	18.69	24.27	8421	6436	6891	5168
	75-24	263224	238608	64'-0"	82'-3"	19.51	25.08	8751	6688	7161	5371
	75-25	273153	248537	66'-8"	84'-11"	20.32	25.89	9081	6940	7431	5573
	75-26	283082	258466	69'-4"	87'-7"	21.13	26.71	9411	7192	7701	5776
	75-27	293011	268395	72'-0"	90'-3"	21.95	27.52	9741	7445	7971	5978
	75-28	302940	278324	74'-8"	92'-11"	22.76	28.33	10071	7697	8241	6181
	75-29	312869	288253	77'-4"	95'-7"	23.57	29.15	10401	7949	8511	6384
	75-30	322798	298182	80'-0"	98'-3"	24.38	29.96	10731	8201	8782	6586
	75-31	332727	308111	82'-8"	100'-11"	25.20	30.77	11061	8454	9052	6789
	75-32	342656	318040	85'-4"	103'-7"	26.01	31.58	11391	8706	9322	6991
	75-33	352585	327969	88'-0"	106'-3"	26.82	32.40	11721	8958	9592	7194
	75-34	362514	337898	90'-8"	108'-11"	27.64	33.21	12052	9211	9862	7397
	75-35	372443	347827	93'-4"	111'-7"	28.45	34.02	12382	9463	10132	7599
	75-36	382372	357756	96'-0"	114'-3"	29.26	34.83	12712	9715	10402	7802
	75-37	392302	367685	98'-8"	116'-11"	30.07	35.65	13042	9967	10672	8004
	75-38	402231	377614	101'-4"	119'-7"	30.89	36.46	13372	10220	10943	8207
	75-39	412160	387543	104'-0"	122'-3"	31.70	37.27	13702	10472	11213	8409
	75-40	422089	397472	106'-8"	124'-11"	32.51	38.09	14032	10724	11483	8612
78 ft. (22.86 M) Diameter	78-12	156897	129207	32'-0"	51'-2"	9.75	15.59	5216	3986	4268	3201
	78-13	167636	139946	34'-8"	53'-10"	10.57	16.40	5573	4259	4560	3420
	78-14	178375	150685	37'-4"	56'-6"	11.38	17.22	5930	4532	4853	3639
	78-15	189115	161425	40'-0"	59'-2"	12.19	18.03	6287	4805	5145	3859
	78-16	199854	172164	42'-8"	61'-10"	13.00	18.84	6644	5078	5437	4078
	78-17	210593	182903	45'-4"	64'-6"	13.82	19.65	7001	5351	5729	4297
	78-18	221332	193642	48'-0"	67'-2"	14.63	20.47	7358	5623	6021	4516
	78-19	232072	204382	50'-8"	69'-10"	15.44	21.28	7715	5896	6313	4735
	78-20	242811	215121	53'-4"	72'-6"	16.26	22.09	8072	6169	6606	4954
	78-21	253550	225860	56'-0"	75'-2"	17.07	22.91	8429	6442	6898	5173
	78-22	264289	236599	58'-8"	77'-10"	17.88	23.72	8786	6715	7190	5392
	78-23	275029	247339	61'-4"	80'-6"	18.69	24.53	9143	6988	7482	5612
	78-24	285768	258078	64'-0"	83'-2"	19.51	25.34	9500	7261	7774	5831
	78-25	296507	268817	66'-8"	85'-10"	20.32	26.16	9857	7533	8066	6050
	78-26	307246	279556	69'-4"	88'-6"	21.13	26.97	10214	7806	8359	6269
	78-27	317986	290296	72'-0"	91'-2"	21.95	27.78	10571	8079	8651	6488
	78-28	328725	301035	74'-8"	93'-10"	22.76	28.60	10928	8352	8943	6707
	78-29	339464	311774	77'-4"	96'-6"	23.57	29.41	11285	8625	9235	6926
	78-30	350203	322513	80'-0"	99'-2"	24.38	30.22	11642	8898	9527	7145
	78-31	360943	333253	82'-8"	101'-10"	25.20	31.03	11999	9171	9819	7364
	78-32	371682	343992	85'-4"	104'-6"	26.01	31.85	12356	9443	10111	7584
	78-33	382421	354731	88'-0"	107'-2"	26.82	32.66	12713	9716	10404	7803
	78-34	393161	365471	90'-8"	109'-10"	27.64	33.47	13070	9989	10696	8022
	78-35	403900	376210	93'-4"	112'-6"	28.45	34.28	13427	10262	10988	8241
	78-36	414639	386949	96'-0"	115'-2"	29.26	35.10	13784	10535	11280	8460
	78-37	425378	397688	98'-8"	117'-10"	30.07	35.91	14141	10808	11572	8679
	78-38	436118	408428	101'-4"	120'-6"	30.89	36.72	14498	11081	11864	8898
	78-39	446857	419167	104'-0"	123'-2"	31.70	37.54	14855	11353	12157	9117
	78-40	457596	429906	106'-8"	125'-10"	32.51	38.35	15213	11626	12449	9337

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
90 ft. (27.432 M) Diameter	90-12	214558	172021	32'-0"	54'-7"	9.75	16.64	7133	5451	5837	4378
	90-13	228856	186319	34'-8"	57'-3"	10.57	17.45	7608	5815	6226	4669
	90-14	243154	200616	37'-4"	59'-11"	11.38	18.27	8083	6178	6615	4961
	90-15	257451	214914	40'-0"	62'-7"	12.19	19.08	8559	6541	7004	5253
	90-16	271749	229212	42'-8"	65'-3"	13.00	19.89	9034	6904	7393	5545
	90-17	286047	243510	45'-4"	67'-11"	13.82	20.71	9509	7268	7782	5836
	90-18	300345	257808	48'-0"	70'-7"	14.63	21.52	9985	7631	8171	6128
	90-19	314643	272106	50'-8"	73'-3"	15.44	22.33	10460	7994	8560	6420
	90-20	328941	286403	53'-4"	75'-11"	16.26	23.14	10935	8358	8949	6712
	90-21	343238	300701	56'-0"	78'-7"	17.07	23.96	11411	8721	9338	7003
	90-22	357536	314999	58'-8"	81'-3"	17.88	24.77	11886	9084	9727	7295
	90-23	371834	329297	61'-4"	83'-11"	18.69	25.58	12361	9447	10116	7587
	90-24	386132	343595	64'-0"	86'-7"	19.51	26.40	12837	9811	10505	7878
	90-25	400430	357893	66'-8"	89'-3"	20.32	27.21	13312	10174	10894	8170
	90-26	414728	372190	69'-4"	91'-11"	21.13	28.02	13787	10537	11282	8462
	90-27	429025	386488	72'-0"	94'-7"	21.95	28.83	14263	10900	11671	8754
	90-28	443323	400786	74'-8"	97'-3"	22.76	29.65	14738	11264	12060	9045
	90-29	457621	415084	77'-4"	99'-11"	23.57	30.46	15213	11627	12449	9337
	90-30	471919	429382	80'-0"	102'-7"	24.38	31.27	15689	11990	12838	9629
	90-31	486217	443680	82'-8"	105'-3"	25.20	32.09	16164	12353	13227	9920
	90-32	500515	457977	85'-4"	107'-11"	26.01	32.90	16639	12717	13616	10212
	90-33	514812	472275	88'-0"	110'-7"	26.82	33.71	17115	13080	14005	10504
	90-34	529110	486573	90'-8"	113'-3"	27.64	34.52	17590	13443	14394	10796
	90-35	543408	500871	93'-4"	115'-11"	28.45	35.34	18065	13807	14783	11087
	90-36	557706	515169	96'-0"	118'-7"	29.26	36.15	18541	14170	15172	11379
	90-37	572004	529467	98'-8"	121'-3"	30.07	36.96	19016	14533	15561	11671
	90-38	586302	543764	101'-4"	123'-11"	30.89	37.77	19491	14896	15950	11963
	90-39	600599	558062	104'-0"	126'-7"	31.70	38.59	19967	15260	16339	12254
	90-40	614897	572360	106'-8"	129'-3"	32.51	39.40	20442	15623	16728	12546
105 ft. (32.004 M) Diameter	105-12	301687	234139	32'-0"	58'-11"	9.75	17.95	10029	7665	8207	6155
	105-13	321148	253600	34'-8"	61'-7"	10.57	18.77	10676	8160	8737	6553
	105-14	340609	273061	37'-4"	64'-3"	11.38	19.58	11323	8654	9266	6950
	105-15	360070	292522	40'-0"	66'-11"	12.19	20.39	11970	9148	9796	7347
	105-16	379530	311983	42'-8"	69'-7"	13.00	21.21	12617	9643	10325	7744
	105-17	398991	331444	45'-4"	72'-3"	13.82	22.02	13264	10137	10854	8141
	105-18	418452	350905	48'-0"	74'-11"	14.63	22.83	13911	10632	11384	8538
	105-19	437913	370366	50'-8"	77'-7"	15.44	23.64	14558	11126	11913	8935
	105-20	457374	389827	53'-4"	80'-3"	16.26	24.46	15205	11621	12443	9332
	105-21	476835	409288	56'-0"	82'-11"	17.07	25.27	15852	12115	12972	9729
	105-22	496296	428749	58'-8"	85'-7"	17.88	26.08	16499	12610	13502	10126
	105-23	515757	448210	61'-4"	88'-3"	18.69	26.90	17146	13104	14031	10523
	105-24	535218	467671	64'-0"	90'-11"	19.51	27.71	17793	13598	14560	10920
	105-25	554679	487132	66'-8"	93'-7"	20.32	28.52	18440	14093	15090	11317
	105-26	574140	506593	69'-4"	96'-3"	21.13	29.33	19087	14587	15619	11714
	105-27	593601	526054	72'-0"	98'-11"	21.95	30.15	19734	15082	16149	12111
	105-28	613062	545514	74'-8"	101'-7"	22.76	30.96	20381	15576	16678	12509
	105-29	632523	564975	77'-4"	104'-3"	23.57	31.77	21028	16071	17208	12906
	105-30	651984	584436	80'-0"	106'-11"	24.38	32.59	21675	16565	17737	13303
	105-31	671445	603897	82'-8"	109'-7"	25.20	33.40	22322	17060	18266	13700
	105-32	690906	623358	85'-4"	112'-3"	26.01	34.21	22969	17554	18796	14097
	105-33	710366	642819	88'-0"	114'-11"	26.82	35.02	23616	18049	19325	14494
	105-34	729827	662280	90'-8"	117'-7"	27.64	35.84	24263	18543	19855	14891
	105-35	749288	681741	93'-4"	120'-3"	28.45	36.65	24910	19037	20384	15288
	105-36	768749	701202	96'-0"	122'-11"	29.26	37.46	25557	19532	20913	15685
	105-37	788210	720663	98'-8"	125'-7"	30.07	38.27	26204	20026	21443	16082
	105-38	807671	740124	101'-4"	128'-3"	30.89	39.09	26851	20521	21972	16479
	105-39	827132	759585	104'-0"	130'-11"	31.70	39.90	27498	21015	22502	16876
	105-40	846593	779046	106'-8"	133'-7"	32.51	40.71	28144	21510	23031	17273

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COMMERCIAL BIN CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL)	LEVEL CAPACITY (BUSHEL)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
135 ft. (41.148 M) Diameter	135-12	530609	387047	32'-0"	67'-5"	9.75	20.55	17640	13481	14435	10826
	135-13	562779	419217	34'-8"	70'-1"	10.57	21.37	18709	14299	15310	11483
	135-14	594950	451387	37'-4"	72'-9"	11.38	22.18	19779	15116	16185	12139
	135-15	627120	483557	40'-0"	75'-5"	12.19	22.99	20848	15933	17061	12795
	135-16	659290	515727	42'-8"	78'-1"	13.00	23.80	21918	16751	17936	13452
	135-17	691460	547897	45'-4"	80'-9"	13.82	24.62	22987	17568	18811	14108
	135-18	723630	580068	48'-0"	83'-5"	14.63	25.43	24057	18386	19686	14765
	135-19	755800	612238	50'-8"	86'-1"	15.44	26.24	25126	19203	20561	15421
	135-20	787970	644408	53'-4"	88'-9"	16.26	27.06	26196	20020	21436	16077
	135-21	820140	676578	56'-0"	91'-5"	17.07	27.87	27265	20838	22312	16734
	135-22	852311	708748	58'-8"	94'-1"	17.88	28.68	28335	21655	23187	17390
	135-23	884481	740918	61'-4"	96'-9"	18.69	29.49	29404	22472	24062	18046
	135-24	916651	773088	64'-0"	99'-5"	19.51	30.31	30474	23290	24937	18703
	135-25	948821	805258	66'-8"	102'-1"	20.32	31.12	31543	24107	25812	19359
	135-26	980991	837429	69'-4"	104'-9"	21.13	31.93	32612	24924	26687	20016
	135-27	1013161	869599	72'-0"	107'-5"	21.95	32.75	33682	25742	27563	20672
	135-28	1045331	901769	74'-8"	110'-1"	22.76	33.56	34751	26559	28438	21328
	135-29	1077502	933939	77'-4"	112'-9"	23.57	34.37	35821	27376	29313	21985
	135-30	1109672	966109	80'-0"	115'-5"	24.38	35.18	36890	28194	30188	22641
	135-31	1141842	998279	82'-8"	118'-1"	25.20	36.00	37960	29011	31063	23297
	135-32	1174012	1030449	85'-4"	120'-9"	26.01	36.81	39029	29829	31938	23954
	135-33	1206182	1062619	88'-0"	123'-5"	26.82	37.62	40099	30646	32814	24610
	135-34	1238352	1094790	90'-8"	126'-1"	27.64	38.44	41168	31463	33689	25267

Typical Grain Densities WHEAT: Approximately 772 kg/m3 (48.2 lb/ft3) | CORN: Approximately 721 kg/m3 (45 lb/ft3) | RICE: Approximately 579 kg/m3 (36.1 lb/ft3)

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