Commercial
Grain Storage Systems

2928 E. US Hwy 30, Grand Island, Nebraska, USA 68802
P 1+308.384.9320 | **F** 1+308.389.5253 | 800.247.6621 | sales@mfsyork.com | mfsyork.com

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

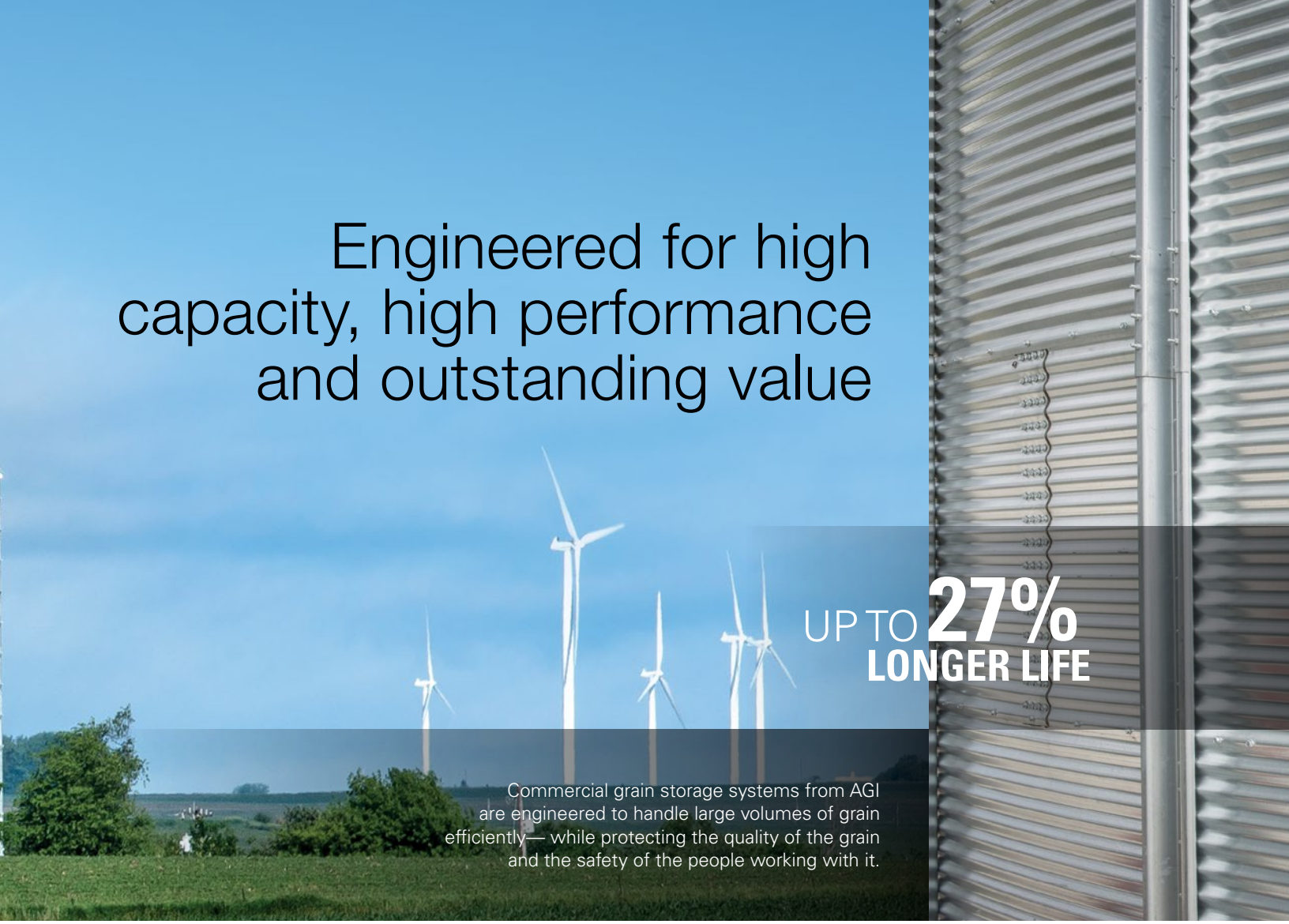
More than 50 years experience in grain storage systems
We've been in the grain storage business for decades. Commercial grain storage systems from AGI are on the job on six continents, protecting the quality of large volumes of grain in ports, processing and storage facilities of all sizes, types and designs.

A custom approach to every bin design
Every commercial bin we quote and build is designed for your specific installation, site and function. We'll consider seismic conditions, frequency of loading and unloading, construction over a concrete hopper, types of material being handled, and other variables. We do our homework ahead of time so you get the system that makes sense for your operation and your budget.

The confidence to offer a 5-year warranty on commercial storage bins
We've made an unwavering commitment to outstanding innovation and engineering, high quality materials, and the latest in manufacturing technology. We have absolute confidence in the ability of our commercial storage bins to perform for years to come.

Industry-leading safety equipment & accessibility
From sturdy ladders and stairs to roomy access doors—everything we do is focused on making your commercial grain storage system as safe and easy to use as possible. These built-in features can help you comply with OSHA guidelines.

Unmatched strength & integrity at a competitive price
Our commercial grain storage systems combine high-capacity storage, outstanding longevity, performance, and unique design features at competitive pricing. Our wide range of options and ability to match our systems to your specific applications enhance our ability to keep your system priced right without compromising quality.



Engineered for high capacity, high performance and outstanding value

UP TO **27%**
LONGER LIFE

Commercial grain storage systems from AGI are engineered to handle large volumes of grain efficiently— while protecting the quality of the grain and the safety of the people working with it.

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

Innovative design that solves big problems
We've engineered features that address key issues such as personal safety, easier access, moisture resistance, structural integrity, stability and long-term performance.

Why G-115 (Z350) Galvanization Matters

AGI use G-115(Z350) hot-dip galvanization on key components of every commercial grain storage system.

Industry research indicates that G-115 galvanization can extend the life of the galvanized coating on the bin's surface by up to 27% over competitors who settle for G-90 galvanization.

That means the galvanization on your bin maintains its integrity longer—and that means greater service life, increased reliability, optimal grain protection and a better return on your investment.

Roof Systems

Quality Starts at the Top

Options to match your commercial bin requirements.

AGI offers you a range of roof systems to match your commercial installation requirements and your budget.

72 ft. to 135 ft. Models (21.9 m to 41.2 m): Larger models typically need extra support due to larger capacity conveyers, catwalks and heavier spouts.

30 ft. to 60 ft. Models (9.1 m to 18.3 m): Option of raftered or non-raftered roof system.

Up to 30 ft. Models (Up to 9.1 m): Non-raftered roof systems are standard and generally meet or exceed roof load requirements for these sizes.

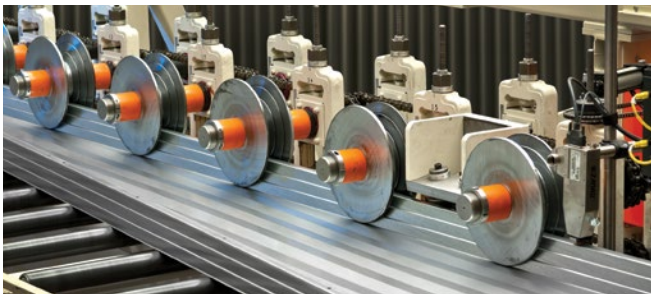
Every roof design has been tested for precision fitting at the factory. All roof designs were initially assembled by our engineers before the first one shipped. This extra quality step means you don't have to worry about dealing with a "prototype" during installation. Every bolt hole lines up. Every sheet matches. Rafters and purlins are precisely manufactured.

We know. Because we already built each size in-house before they were released to manufacturing and shipped to customers.

Engineered for long life and trouble-free construction

- **G-115(Z350) galvanization on all outer roof sheets and most raftered components**, leading to 27% longer life on areas exposed to the elements. Components that require welding are not galvanized, but are powder coated for optimal protection.
- **30° roof slope** helps void debris and snow from the roof system, without increasing overall bin height
- **Temperature cable brackets** are easily added to raftered roofs with minimal expense.
- **Powered roof exhausters** are easily added with trouble-free installation on site.
- **Gooseneck vents** with corresponding pre-formed vent opening allow for easier installation.
- **Three roof panels per sidewall sheet** simplify installation.

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]	60,000 lb [27,215 kg]
75' [22.86 m]	60,000 lb [27,215 kg]
72' [21.94 m]	60,000 lb [27,215 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]



Proprietary state-of-the-art roll former controls the distance between holes from rib-to-rib, not from the edge of the coil like competitive products. The result: Higher quality roof sheets that fit better—with bolt holes that line up every time. Bolts drop right in place. That means trouble-free, labor-saving, frustration-free installation on site.

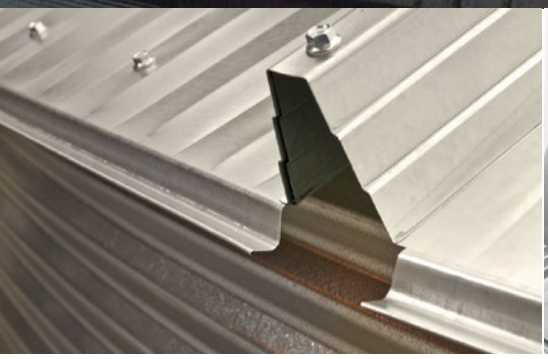
The Contractor's Choice

- 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 over the long haul.

"C" design on rafters and purlins dramatically improve roof integrity, especially when installed back to back. This design is ideal for the shape of the roof—and eliminates deflection commonly found in Z-shaped rafters.

Industry-leading performance, precision and integrity

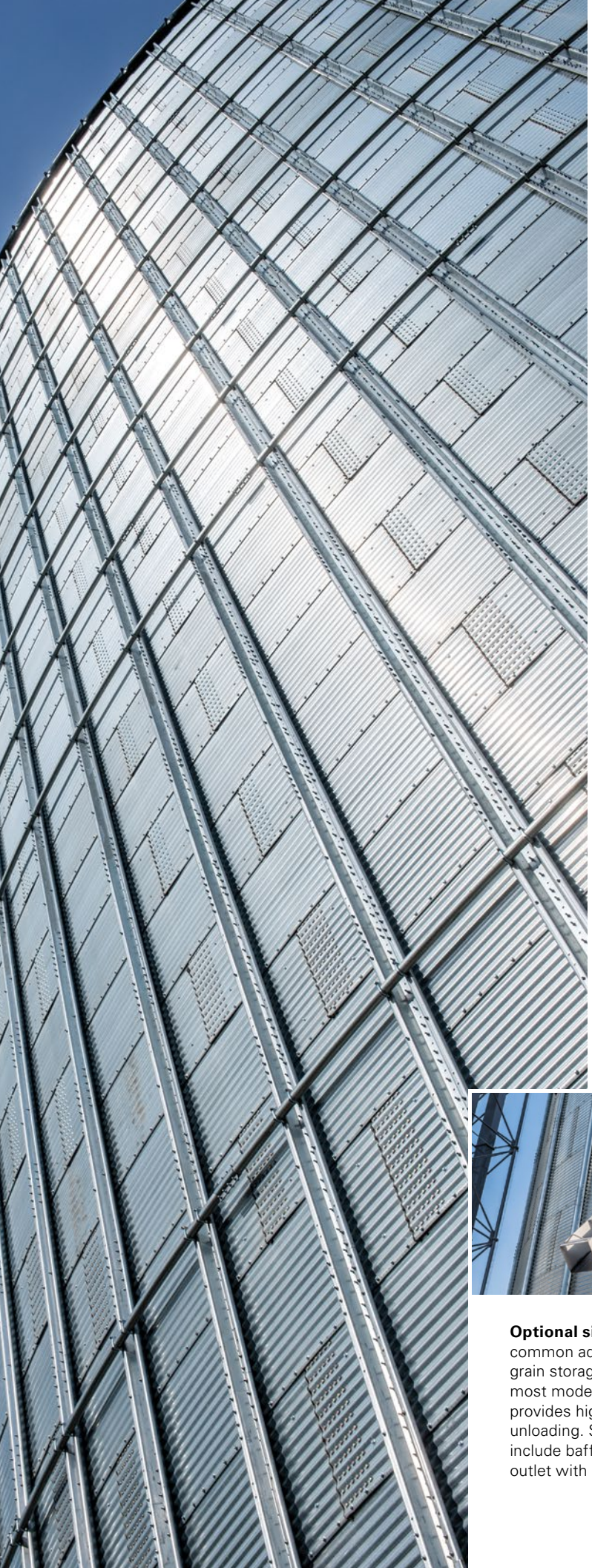
Design details that surpass industry standards and your expectations



Extra-tall 3-3/4" (9.5 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.

Well-designed 2.25 sq. ft. (0.686 m2) roof vents for maximum airflow. Vent openings are pre-punched for easy construction and tight fit and seals. Vent sheets feature seamless raised lips (inset) for improved integrity and moisture resistance.

Extra-large manway is sized for plenty of shoulder-room and easy maneuverability.



Sidewalls

Strength and Stability are engineered into our bins

We're 100% committed to 2.66" corrugation because we know it's simply the best. Commercial grain storage systems are no place for compromise. That's why we use 2.66" (6.76 cm) corrugation on every sidewall sheet—every one. It's best for hoop load, wind load and is performance proven over the years. This corrugation specification provides more steel per square foot when compared to wider corrugation of the same thickness—and that matters when you have tons of grain inside the bin.

5 gauge and 7 gauge options

These heavier gauges reduce the lamination requirements on larger bins, reducing bin costs and saving time and money in construction.

- **G-115(Z350) galvanization** on every sidewall sheet means 27% longer life.
- **5 gauge to 19 gauge 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.

Optional side draw system is a common add-on to AGI commercial grain storage systems. Available on most models, side draw installation provides high-speed, economical unloading. Side draw systems include baffles and 12" (30.5 cm) outlet with rack and pinion gate.

Bolt-on base angle provides a strong finished edge to bin bottom and secure seal of bin to foundation when a sealer is added—providing greater integrity over competitors' pre-formed angles that are simply rolled into the sheet.

Stiffeners

Structural integrity at every point

Stiffeners provide integrity and optimal strength for the high eave heights typical of commercial grain storage bins. The stiffeners carry the vertical load, allowing the sidewall to account for hoop load. Choice of two or three stiffeners per sidewall panel provide optimal strength and stability depending on capacity and application. Stiffeners are easily mounted either externally or internally depending upon customer preference.

All stiffeners are G-115(Z350) galvanized to provide 27% longer life.

Stiffeners are available from 2 gauge to 18 gauge to meet the demands of bins up to 135 ft. (41.15 m) diameter.

G115 galvanizing of stiffeners provides up to 27% longer life.

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

Heavy duty wind rings are easily attached to the stiffeners on bins requiring this extra measure. Pre-punched wind ring holes and special attachments simplify installation.

"Hat shaped" stiffener design is proven through engineering studies to be the preferred shape for commercial bin stiffeners. This design carries the full vertical load to the foundation.

Hopper Bins

Commercial hopper bins from AGI add even greater flexibility, functionality and value to your commercial grain storage system. Better yet, our commercial hopper bins are engineered and manufactured to the same exacting specifications as our commercial grain storage bins. AGI is fully committed to 2.66" corrugation on all commercial hopper bin sidewalls. That means outstanding hoop load and wind load performance and more steel per square inch when compared to wider corrugation of the same thickness. Every commercial hopper bin features G-115 galvanization for 27% longer life. A sidewall range of 10 gauge to 19 gauge provides many options to match your bin to your application.

Roof Systems

Every roof design has been tested for fit at the factory. All roof designs were initially assembled by our engineers before the first one shipped. Roof systems on AGI commercial hopper bins are non-raftered in standard models. Raftered roofs are available on 30' to 36' (9.1 m to 11.0 m) diameters in the event that additional roof loading is required.

- 30° roof slope sheds debris and snow without adding to overall bin height.
- G-115(Z350) galvanization on all outer roof sheets for up to 27% longer life on components exposed to the elements.
- Powered roof exhausters are easily added with trouble-free installation on site.
- Gooseneck vents with corresponding pre-formed vent opening allow for easier installation.
- Three roof panels per sidewall sheet simplify installation.

The Contractor's Choice

- Precise 7/16" sidewall punching easily accommodates 3/8" bolts to save time during erection.
- Sheet identification includes gauge, supplier, coil and date for quick traceability if needed.
- Bolt-on base angle provides strong finished edge to bin bottom for seal of bin to hopper structure when sealer is added.
- 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.

Stiffeners

Commercial hopper bins use two external stiffeners per sidewall sheet. This approach allows transfer of tank vertical load down the stiffeners, then down the support columns to the foundation. All stiffeners are G-115(Z350) galvanized to provide 27% longer life.

- **"Hat shaped" stiffener design** is proven through engineering studies to be the perferred shape for commercial bin stiffeners. This design carries the full vertical load to the foundation.
- **Base stiffener plates** are firmly affixed through welding to ensure a positive attachment of bin to hopper structure.
- **12 gauge splice** ensures that stiffeners are properly butted to effectively transfer sidewall load to the foundation.
- **Heavy duty wind rings** are easily attached to the stiffeners on bins requiring this extra measure. Pre-punched wind ring holes and special attachments simplify installation.

We design and build our commercial hopper bins to stand up to the constant use typical in a commercial grain storage operation. That goes double for the working parts of the hopper bottom where grain flows on a daily basis.

- **Custom outlet heights** available to accommodate installation of auxiliary equipment below the hopper.
- **Structure finish options** include powder coated or hot-dip galvanized to meet your specific application.
- **Heavy duty compression ring** transfers load from the bin and hopper into the support structure. The base angle on the bottom of the tank is sealed to the compression ring for a weather-proof connection between tank and hopper.
- **Support columns** are heavy I-beams engineered to carry the suspended weight of both tank and stored commodity.

Cone Options

CONE DEGREE	AVAILABILITY
60°	Available on 15', 18', 21' models where a steeper cone may be required due to type of commodity being stored
45°	Available for 15' to 24' models for more traditional storage of grains and wet holding applications
40°	Available for 27' to 36' models for more traditional grain storage

Galvanized panels ranging from 12 gauge to 8 gauge Grade 50 are designed to withstand hoop and top tension loads throughout the range of sizes available. Cross braces keep tank evenly braced during loading.

Manual rack and pinion gate controls flow from the tank and comes standard with all commercial hopper tanks.

Shedder plate, supplied with all models, is a perforated component attached to the sidewall at an angle that matches the hopper cone angle. The shedder plate eliminates commodity hang-up were the sidewall connects to the cone.

Heavy base plates welded to the bottom end of the support columns provide a positive attachment to the concrete foundation with proper anchoring.

Cone bottom is ideally designed for full clean-out and to ensure that majority of the product is emptied with minimal carryover.

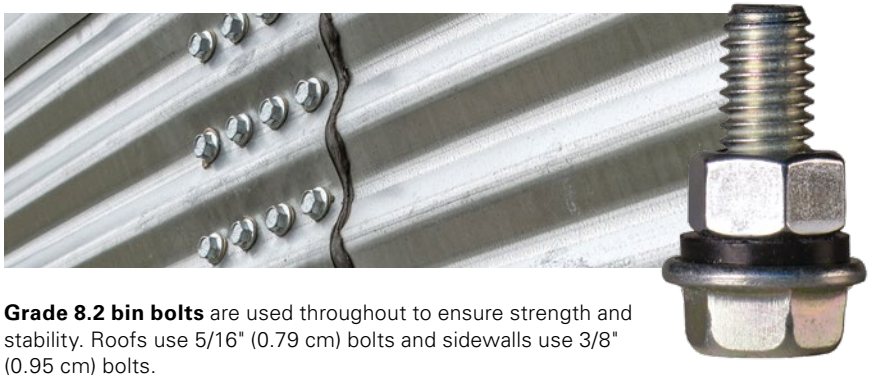
When it comes to protecting grain a

Doors

One ring door in sidewall provides full and easy access regardless of door option selected.

Two ring door is available on 15 ft. through 135' (4.6 m to 41.15 m) diameter bins.

Fasteners



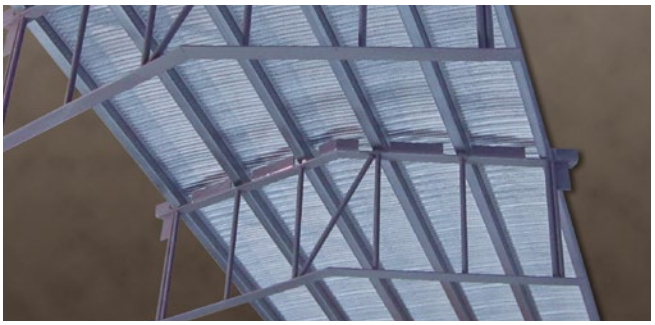
Grade 8.2 bin bolts are used throughout to ensure strength and stability. Roofs use 5/16" (0.79 cm) bolts and sidewalls use 3/8" (0.95 cm) bolts.

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.

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 gauge galvanization provides strength and dependability.

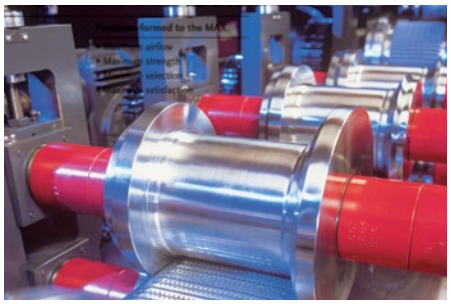


Powder-coated welded design resists rust and lasts longer than non-painted supports. Facilitates easy installation.

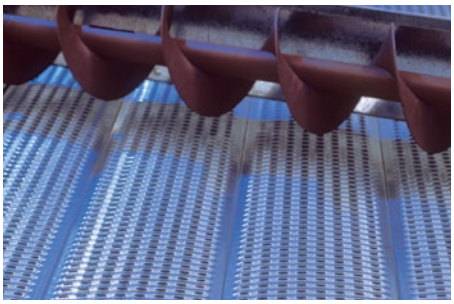
nd people,details matter

Floors

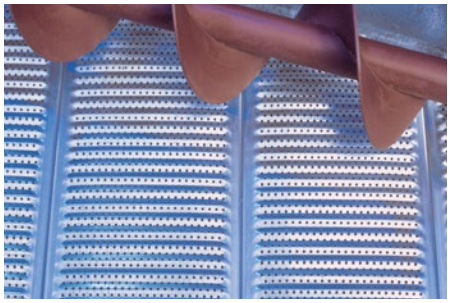
AGI bin floors are available in a wide variety of styles to match the application, storage system and customer preference. Long-lasting galvanized construction coupled with state-of-the-art design and manufacturing makes for a bin floor that stands up to use and abuse under the most challenging conditions.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



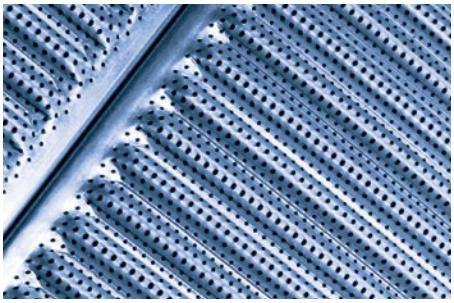
16-Gauge Floor Option is the heaviest specification available in the industry. AGI also offers the widest variety of gauges in the industry—providing even more assurance that the construction matches the challenge.



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" & 0.050") design is smooth and easy to sweep.

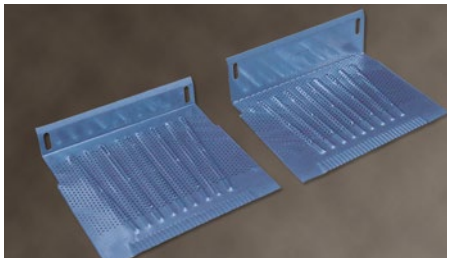


Standard perforation (0.050") floor planks are ideal for use in storing small grains such as canola. Smooth surface facilitates easy clean-out.

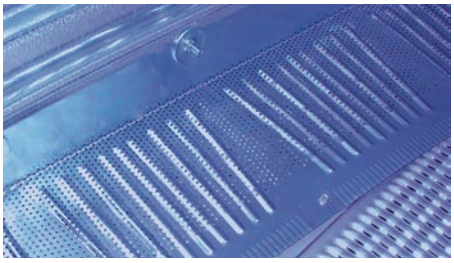
The Contractor's Floor Choice

- Every floor plank is labeled for easy identification in the field
- Floor planks are precisely bundled to enable building from the stack
- On-side shipment makes parts easier to handle and reduces damage during loading/unloading
- Multiple bundles on larger systems make for easier loading and unloading
- Single piece option for larger bins can make on-site construction easier
- Easy-to-use construction guide simplifies the process especially for first-time installers
- Powder-coated welded supports resist rust and enhance appearance upon delivery at job-sit

Flashing



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.

Flush floor aeration systems available in I,H,F and T styles and custom applications.

Fans

Centrifugal Fans

AIRLANCO centrifugal fans are ideal for commercial grain storage applications where high static pressures are required. Our direct drive, rugged steel housings, and non-overloading, vibration-proof fan wheels enhance performance and durability.

- Fans are manufactured from heavy gauge carbon steel, which provides superior durability and a longer useable life over fans made with lighter gauge galvanized steel.
- Fans are an all weld construction, designed specifically for heavy duty commercial use, which results in less vibration and greater durability.
- Fans are available in eight different orientations to provide the installation flexibility needed to meet the most challenging job sites.
- Low power consumption combined with generous air delivery result in extremely efficient, low-operating cost fans.
- High speed models available from 5 HP to 100 HP.
- Low speed models available from 3HP to 100 HP.
- Optional high speed models also available.

Centrifugal fan installation

Centrifugal fan with rain hood installation

Axial Fans

AIRLANCO axial fans are engineered for efficient, high-volume air delivery where storage depth is low to medium.

- Fans manufactured with airfoil designed propellers for increased efficiency and airflow, and are cast from shatter resistant aluminum alloy for longer useable life.
- Fan housings are constructed from heavy-gauge carbon steel to exacting tolerances, which results in less vibration, and superior durability.
- ¾ HP to 15 HP models available.

Silencers

- Silencers are capable of up to 20db of noise reduction.
- Designed for both inlet and outlet applications.
- Complete line of silencers available to fit any AIRLANCO fan.

Stairs & Ladders

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

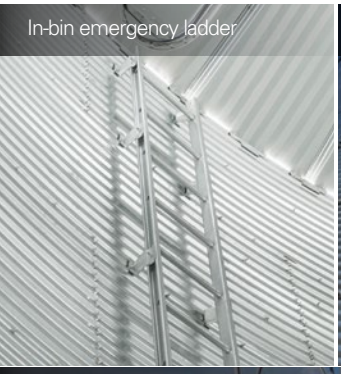
All galvanized steel construction ensures long life and lasting strength under the most demanding conditions.

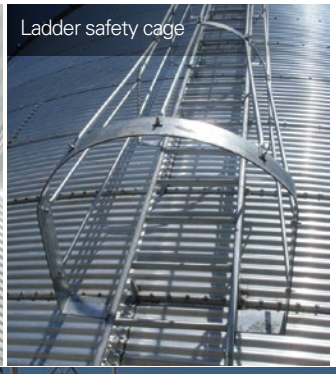
Extra-wide step and toe space provide additional confidence and safety, while helping you comply with OSHA regulations.

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

Single or double-wide platforms at the eave 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.

OSHA compliant handrails contain no rail breaks, sharp ends, corners or protruding bolts. An optional inner handrail is available for extra assurance.


In-bin emergency ladder


Ladder safety cage


Roof stairs

Commercial Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
15 Ft. (4.57 M) Diameter	15-8	3387	3976	21'-4"	25'-7"	6.50	7.80	113	92	86	69
	15-9	3784	4442	24'-0"	28'-3"	7.32	8.61	126	103	96	77
	15-10	4181	4909	26'-8"	30'-11"	8.13	9.42	139	114	106	85
	15-11	4578	5375	29'-4"	33'-7"	8.94	10.24	152	125	116	93
	15-12	4975	5841	32'-0"	36'-3"	9.75	11.05	165	135	126	102
	15-13	5372	6307	34'-8"	38'-11"	10.57	11.86	179	146	136	110
	15-14	5770	6774	37'-4"	41'-7"	11.38	12.67	192	157	147	118
18 Ft. (5.49 M) Diameter	18-12	7221	8478	32'-0"	37'-1"	9.75	11.31	240	196	183	147
	18-13	7793	9149	34'-8"	39'-9"	10.57	12.12	259	212	198	159
	18-14	8365	9821	37'-4"	42'-5"	11.38	12.93	278	228	213	171
	18-15	8937	10492	40'-0"	45'-1"	12.19	13.75	297	243	227	182
	18-16	9509	11163	42'-8"	47'-9"	13.00	14.56	316	259	242	194
	18-17	10081	11835	45'-4"	50'-5"	13.82	15.37	335	274	256	206
	18-18	10653	12506	48'-0"	53'-1"	14.63	16.19	354	290	271	217
	18-19	11225	13178	50'-8"	55'-9"	15.44	17.00	373	305	285	229
	18-20	11796	13849	53'-4"	58'-5"	16.26	17.81	392	321	300	241
21 Ft. (6.40 M) Diameter	21-12	9906	11630	32'-0"	38'	9.75	11.57	329	269	252	202
	21-13	10684	12544	34'-8"	40'-8"	10.57	12.39	355	291	271	218
	21-14	11463	13458	37'-4"	43'-4"	11.38	13.20	381	312	291	234
	21-15	12241	14371	40'-0"	46'	12.19	14.01	407	333	311	250
	21-16	13020	15285	42'-8"	48'-8"	13.00	14.82	433	354	331	266
	21-17	13798	16199	45'-4"	51'-4"	13.82	15.64	459	375	351	282
	21-18	14577	17113	48'-0"	54'	14.63	16.45	485	397	370	297
	21-19	15355	18027	50'-8"	56'-8"	15.44	17.26	510	418	390	313
	21-20	16133	18941	53'-4"	59'-4"	16.26	18.08	536	439	410	329
	21-21	16912	19855	56'-0"	62'	17.07	18.89	562	460	430	345
	21-22	17690	20769	58'-8"	64'-8"	17.88	19.70	588	481	449	361
	21-23	18469	21683	61'-4"	67'-4"	18.69	20.51	614	502	469	377
24 Ft. (7.32 M) Diameter	24-12	13039	15308	32'-0"	38'-10"	9.75	11.84	433	355	331	266
	24-13	14056	16502	34'-8"	41'-6"	10.57	12.65	467	382	357	287
	24-14	15073	17696	37'-4"	44'-2"	11.38	13.46	501	410	383	308
	24-15	16089	18889	40'-0"	46'-10"	12.19	14.27	535	438	409	328
	24-16	17106	20083	42'-8"	49'-6"	13.00	15.09	569	465	435	349
	24-17	18123	21277	45'-4"	52'-2"	13.82	15.90	602	493	460	370
	24-18	19140	22470	48'-0"	54'-10"	14.63	16.71	636	521	486	391
	24-19	20156	23664	50'-8"	57'-6"	15.44	17.53	670	548	512	411
	24-20	21173	24858	53'-4"	60'-2"	16.26	18.34	704	576	538	432
	24-21	22190	26051	56'-0"	62'-10"	17.07	19.15	738	604	564	453
	24-22	23207	27245	58'-8"	65'-6"	17.88	19.96	771	631	590	473
	24-23	24223	28439	61'-4"	68'-2"	18.69	20.78	805	659	615	494
	24-24	25240	29632	64'-0"	70'-10"	19.51	21.59	839	687	641	515
	24-25	26257	30826	66'-8"	73'-6"	20.32	22.40	873	714	667	536
	24-26	27274	32020	69'-4"	76'-2"	21.13	23.22	907	742	693	556

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
27 Ft. (8.23 M) Diameter	27-12	16630	19524	32'-0"	39'-8"	9.75	12.10	553	452	423	339
	27-13	17917	21035	34'-8"	42'-4"	10.57	12.91	596	487	455	366
	27-14	19204	22546	37'-4"	45'-0"	11.38	13.73	638	522	488	392
	27-15	20491	24056	40'-0"	47'-8"	12.19	14.54	681	557	521	418
	27-16	21778	25567	42'-8"	50'-4"	13.00	15.35	724	592	553	444
	27-17	23064	27078	45'-4"	53'-0"	13.82	16.16	767	627	586	471
	27-18	24351	28589	48'-0"	55'-8"	14.63	16.98	810	662	619	497
	27-19	25638	30099	50'-8"	58'-4"	15.44	17.79	852	697	651	523
	27-20	26925	31610	53'-4"	61'-0"	16.26	18.60	895	732	684	549
	27-21	28212	33121	56'-0"	63'-8"	17.07	19.42	938	767	717	576
	27-22	29498	34632	58'-8"	66'-4"	17.88	20.23	981	802	749	602
	27-23	30785	36142	61'-4"	69'-0"	18.69	21.04	1023	837	782	628
	27-24	32072	37653	64'-0"	71'-8"	19.51	21.85	1066	873	815	654
	27-25	33359	39164	66'-8"	74'-4"	20.32	22.67	1109	908	848	681
	27-26	34646	40675	69'-4"	77'-0"	21.13	23.48	1152	943	880	707
	27-27	35932	42185	72'-0"	79'-8"	21.95	24.29	1195	978	913	733
	27-28	37219	43696	74'-8"	82'-4"	22.76	25.10	1237	1013	946	759
	27-29	38506	45207	77'-4"	85'-0"	23.57	25.92	1280	1048	978	786
	27-30	39793	46717	80'-0"	87'-8"	24.38	26.73	1323	1083	1011	812
30 Ft. (9.14 M) Diameter	30-12	20689	24289	32'-0"	40'-7"	9.75	12.36	688	563	526	422
	30-13	22278	26154	34'-8"	43'-3"	10.57	13.17	741	606	566	455
	30-14	23866	28019	37'-4"	45'-11"	11.38	13.99	793	649	606	487
	30-15	25455	29884	40'-0"	48'-7"	12.19	14.80	846	692	647	519
	30-16	27043	31749	42'-8"	51'-3"	13.00	15.61	899	736	687	552
	30-17	28632	33615	45'-4"	53'-11"	13.82	16.42	952	779	727	584
	30-18	30221	35480	48'-0"	56'-7"	14.63	17.24	1005	822	768	617
	30-19	31809	37345	50'-8"	59'-3"	15.44	18.05	1057	865	808	649
	30-20	33398	39210	53'-4"	61'-11"	16.26	18.86	1110	909	849	681
	30-21	34987	41075	56'-0"	64'-7"	17.07	19.68	1163	952	889	714
	30-22	36575	42940	58'-8"	67'-3"	17.88	20.49	1216	995	929	746
	30-23	38164	44805	61'-4"	69'-11"	18.69	21.30	1269	1038	970	779
	30-24	39753	46670	64'-0"	72'-7"	19.51	22.11	1322	1081	1010	811
	30-25	41341	48535	66'-8"	75'-3"	20.32	22.93	1374	1125	1050	844
	30-26	42930	50400	69'-4"	77'-11"	21.13	23.74	1427	1168	1091	876
	30-27	44519	52266	72'-0"	80'-7"	21.95	24.55	1480	1211	1131	908
	30-28	46107	54131	74'-8"	83'-3"	22.76	25.37	1533	1254	1171	941
	30-29	47696	55996	77'-4"	85'-11"	23.57	26.18	1586	1298	1212	973
	30-30	49285	57861	80'-0"	88'-7"	24.38	26.99	1638	1341	1252	1006
	30-31	50873	59726	82'-8"	91'-3"	25.20	27.80	1691	1384	1293	1038
	30-32	52462	61591	85'-4"	93'-11"	26.01	28.62	1744	1427	1333	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/m^3). 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 Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
33 Ft. (10.06 M) Diameter	33-12	25224	29614	32'-0"	41'-5"	9.75	12.63	839	686	641	515
	33-13	27146	31870	34'-8"	44'-1"	10.57	13.44	902	739	690	554
	33-14	29069	34127	37'-4"	46'-9"	11.38	14.26	966	791	739	593
	33-15	30991	36384	40'-0"	49'-5"	12.19	15.07	1030	843	787	632
	33-16	32913	38641	42'-8"	52'-1"	13.00	15.88	1094	895	836	672
	33-17	34835	40897	45'-4"	54'-9"	13.82	16.69	1158	948	885	711
	33-18	36758	43154	48'-0"	57'-5"	14.63	17.51	1222	1000	934	750
	33-19	38680	45411	50'-8"	60'-1"	15.44	18.32	1286	1052	983	789
	33-20	40602	47668	53'-4"	62'-9"	16.26	19.13	1350	1105	1032	828
	33-21	42525	49924	56'-0"	65'-5"	17.07	19.95	1414	1157	1080	868
	33-22	44447	52181	58'-8"	68'-1"	17.88	20.76	1478	1209	1129	907
	33-23	46369	54438	61'-4"	70'-9"	18.69	21.57	1542	1261	1178	946
	33-24	48291	56695	64'-0"	73'-5"	19.51	22.38	1605	1314	1227	985
	33-25	50214	58952	66'-8"	76'-1"	20.32	23.20	1669	1366	1276	1025
	33-26	52136	61208	69'-4"	78'-9"	21.13	24.01	1733	1418	1325	1064
	33-27	54058	63465	72'-0"	81'-5"	21.95	24.82	1797	1471	1373	1103
	33-28	55980	65722	74'-8"	84'-1"	22.76	25.64	1861	1523	1422	1142
	33-29	57903	67979	77'-4"	86'-9"	23.57	26.45	1925	1575	1471	1181
	33-30	59825	70235	80'-0"	89'-5"	24.38	27.26	1989	1628	1520	1221
	33-31	61747	72492	82'-8"	92'-1"	25.20	28.07	2053	1680	1569	1260
	33-32	63669	74749	85'-4"	94'-9"	26.01	28.89	2117	1732	1618	1299
36 Ft. (10.97 M) Diameter	36-12	30246	35509	32'-0"	42'-3"	9.75	12.89	1006	823	768	617
	36-13	32533	38195	34'-8"	44'-11"	10.57	13.70	1082	885	827	664
	36-14	34821	40880	37'-4"	47'-7"	11.38	14.52	1158	947	885	710
	36-15	37109	43566	40'-0"	50'-3"	12.19	15.33	1234	1010	943	757
	36-16	39396	46252	42'-8"	52'-11"	13.00	16.14	1310	1072	1001	804
	36-17	41684	48938	45'-4"	55'-7"	13.82	16.95	1386	1134	1059	850
	36-18	43972	51623	48'-0"	58'-3"	14.63	17.77	1462	1196	1117	897
	36-19	46259	54309	50'-8"	60'-11"	15.44	18.58	1538	1258	1175	944
	36-20	48547	56995	53'-4"	63'-7"	16.26	19.39	1614	1321	1233	991
	36-21	50835	59681	56'-0"	66'-4"	17.07	20.21	1690	1383	1292	1037
	36-22	53122	62366	58'-8"	68'-11"	17.88	21.02	1766	1445	1350	1084
	36-23	55410	65052	61'-4"	71'-8"	18.69	21.83	1842	1507	1408	1131
	36-24	57698	67738	64'-0"	74'-4"	19.51	22.64	1918	1570	1466	1177
	36-25	59985	70424	66'-8"	76'-11"	20.32	23.46	1994	1632	1524	1224
	36-26	62273	73109	69'-4"	79'-8"	21.13	24.27	2070	1694	1582	1271
	36-27	64561	75795	72'-0"	82'-4"	21.95	25.08	2146	1756	1640	1317
	36-28	66848	78481	74'-8"	84'-11"	22.76	25.90	2222	1819	1698	1364
	36-29	69136	81166	77'-4"	87'-8"	23.57	26.71	2298	1881	1757	1411
	36-30	71423	83852	80'-0"	90'-4"	24.38	27.52	2374	1943	1815	1457
	36-31	73711	86538	82'-8"	92'-11"	25.20	28.33	2450	2005	1873	1504
	36-32	75999	89224	85'-4"	95'-8"	26.01	29.15	2527	2068	1931	1551
	36-33	78286	91909	88'-0"	98'-4"	26.82	29.96	2603	2130	1989	1597
	36-34	80574	94595	90'-8"	100'-11"	27.64	30.77	2679	2192	2047	1644
	36-35	82862	97281	93'-4"	103'-8"	28.45	31.58	2755	2254	2105	1691
	36-36	85149	99967	96'-0"	106'-4"	29.26	32.40	2831	2316	2163	1737
	36-37	87437	102652	98'-8"	108'-11"	30.07	33.21	2907	2379	2222	1784
	36-38	89725	105338	101'-4"	111'-8"	30.89	34.02	2983	2441	2280	1831

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
42 Ft. (12.80 M) Diameter	42-12	41785	49057	32'-0"	44'-0"	9.75	13.41	1389	1137	1062	853
	42-13	44899	52712	34'-8"	46'-8"	10.57	14.22	1493	1221	1141	916
	42-14	48013	56368	37'-4"	49'-4"	11.38	15.04	1596	1306	1220	980
	42-15	51127	60023	40'-0"	52'-0"	12.19	15.85	1700	1391	1299	1043
	42-16	54240	63679	42'-8"	54'-8"	13.00	16.66	1803	1476	1378	1107
	42-17	57354	67335	45'-4"	57'-4"	13.82	17.48	1907	1560	1457	1170
	42-18	60468	70990	48'-0"	60'-0"	14.63	18.29	2010	1645	1536	1234
	42-19	63582	74646	50'-8"	62'-8"	15.44	19.10	2114	1730	1615	1297
	42-20	66695	78301	53'-4"	65'-4"	16.26	19.91	2217	1814	1695	1361
	42-21	69809	81957	56'-0"	68'-0"	17.07	20.73	2321	1899	1774	1424
	42-22	72923	85613	58'-8"	70'-8"	17.88	21.54	2424	1984	1853	1488
	42-23	76037	89268	61'-4"	73'-4"	18.69	22.35	2528	2069	1932	1551
	42-24	79150	92924	64'-0"	76'-0"	19.51	23.16	2631	2153	2011	1615
	42-25	82264	96579	66'-8"	78'-8"	20.32	23.98	2735	2238	2090	1678
	42-26	85378	100235	69'-4"	81'-4"	21.13	24.79	2838	2323	2169	1742
	42-27	88492	103890	72'-0"	84'-0"	21.95	25.60	2942	2407	2248	1806
	42-28	91605	107546	74'-8"	86'-8"	22.76	26.42	3045	2492	2327	1869
	42-29	94719	111202	77'-4"	89'-4"	23.57	27.23	3149	2577	2407	1933
	42-30	97833	114857	80'-0"	92'-0"	24.38	28.04	3252	2661	2486	1996
	42-31	100947	118513	82'-8"	94'-8"	25.20	28.85	3356	2746	2565	2060
	42-32	104060	122168	85'-4"	97'-4"	26.01	29.67	3459	2831	2644	2123
	42-33	107174	125824	88'-0"	100'-0"	26.82	30.48	3563	2916	2723	2187
	42-34	110288	129480	90'-8"	102'-8"	27.64	31.29	3666	3000	2802	2250
	42-35	113402	133135	93'-4"	105'-4"	28.45	32.11	3770	3085	2881	2314
	42-36	116515	136791	96'-0"	108'-0"	29.26	32.92	3873	3170	2960	2377
	42-37	119629	140446	98'-8"	110'-8"	30.07	33.73	3977	3254	3039	2441
	42-38	122743	144102	101'-4"	113'-4"	30.89	34.54	4081	3339	3119	2504
	42-39	125857	147758	104'-0"	116'-0"	31.70	35.36	4184	3424	3198	2568
	42-40	128970	151413	106'-8"	118'-8"	32.51	36.17	4288	3509	3277	2631
48 Ft. (14.63 M) Diameter	48-12	55383	65021	32'-0"	45'-9"	9.75	13.94	1841	1507	1407	1130
	48-13	59450	69796	34'-8"	48'-5"	10.57	14.75	1976	1617	1510	1213
	48-14	63517	74570	37'-4"	51'-1"	11.38	15.57	2112	1728	1614	1296
	48-15	67584	79345	40'-0"	53'-9"	12.19	16.38	2247	1839	1717	1379
	48-16	71651	84120	42'-8"	56'-5"	13.00	17.19	2382	1949	1820	1462
	48-17	75718	88894	45'-4"	59'-1"	13.82	18.01	2517	2060	1924	1545
	48-18	79785	93669	48'-0"	61'-9"	14.63	18.82	2652	2171	2027	1628
	48-19	83852	98443	50'-8"	64'-5"	15.44	19.63	2788	2281	2130	1711
	48-20	87919	103218	53'-4"	67'-1"	16.26	20.44	2923	2392	2234	1794
	48-21	91986	107993	56'-0"	69'-9"	17.07	21.26	3058	2502	2337	1877
	48-22	96053	112767	58'-8"	72'-5"	17.88	22.07	3193	2613	2440	1960
	48-23	100120	117542	61'-4"	75'-1"	18.69	22.88	3328	2724	2544	2043
	48-24	104187	122317	64'-0"	77'-9"	19.51	23.70	3464	2834	2647	2126
	48-25	108254	127091	66'-8"	80'-5"	20.32	24.51	3599	2945	2750	2209
	48-26	112321	131866	69'-4"	83'-1"	21.13	25.32	3734	3056	2854	2292
	48-27	116387	136641	72'-0"	85'-9"	21.95	26.13	3869	3166	2957	2375
	48-28	120454	141415	74'-8"	88'-5"	22.76	26.95	4004	3277	3060	2458

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/m^3). 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 Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
48 Ft. (14.63 M) Diameter *Continued*	48-29	124521	146190	77'-4"	91'-1"	23.57	27.76	4140	3388	3164	2541
	48-30	128588	150965	80'-0"	93'-9"	24.38	28.57	4275	3498	3267	2624
	48-31	132655	155739	82'-8"	96'-5"	25.20	29.38	4410	3609	3370	2707
	48-32	136722	160514	85'-4"	99'-1"	26.01	30.20	4545	3719	3474	2790
	48-33	140789	165289	88'-0"	101'-9"	26.82	31.01	4680	3830	3577	2873
	48-34	144856	170063	90'-8"	104'-5"	27.64	31.82	4816	3941	3680	2956
	48-35	148923	174838	93'-4"	107'-1"	28.45	32.64	4951	4051	3784	3039
	48-36	152990	179612	96'-0"	109'-9"	29.26	33.45	5086	4162	3887	3122
	48-37	157057	184387	98'-8"	112'-5"	30.07	34.26	5221	4273	3990	3204
	48-38	161124	189162	101'-4"	115'-1"	30.89	35.07	5356	4383	4094	3287
	48-39	165191	193936	104'-0"	117'-9"	31.70	35.89	5492	4494	4197	3370
	48-40	169258	198711	106'-8"	120'-5"	32.51	36.70	5627	4605	4300	3453
54 Ft. (16.46 M) Diameter	54-12	71115	83491	32'-0"	47'-5"	9.75	14.46	2364	1935	1807	1451
	54-13	76263	89534	34'-8"	50'-1"	10.57	15.27	2535	2075	1938	1556
	54-14	81410	95576	37'-4"	52'-9"	11.38	16.09	2706	2215	2068	1661
	54-15	86557	101619	40'-0"	55'-5"	12.19	16.90	2878	2355	2199	1766
	54-16	91704	107662	42'-8"	58'-1"	13.00	17.71	3049	2495	2330	1871
	54-17	96852	113705	45'-4"	60'-9"	13.82	18.53	3220	2635	2461	1976
	54-18	101999	119748	48'-0"	63'-5"	14.63	19.34	3391	2775	2592	2081
	54-19	107146	125791	50'-8"	66'-1"	15.44	20.15	3562	2915	2722	2186
	54-20	112293	131834	53'-4"	68'-9"	16.26	20.96	3733	3055	2853	2291
	54-21	117440	137877	56'-0"	71'-5"	17.07	21.78	3904	3195	2984	2396
	54-22	122588	143920	58'-8"	74'-1"	17.88	22.59	4075	3335	3115	2501
	54-23	127735	149963	61'-4"	76'-9"	18.69	23.40	4246	3475	3245	2606
	54-24	132882	156006	64'-0"	79'-5"	19.51	24.22	4418	3615	3376	2711
	54-25	138029	162049	66'-8"	82'-1"	20.32	25.03	4589	3755	3507	2816
	54-26	143177	168091	69'-4"	84'-9"	21.13	25.84	4760	3895	3638	2921
	54-27	148324	174134	72'-0"	87'-5"	21.95	26.65	4931	4035	3769	3026
	54-28	153471	180177	74'-8"	90'-1"	22.76	27.47	5102	4175	3899	3131
	54-29	158618	186220	77'-4"	92'-9"	23.57	28.28	5273	4315	4030	3236
	54-30	163765	192263	80'-0"	95'-5"	24.38	29.09	5444	4455	4161	3341
	54-31	168913	198306	82'-8"	98'-1"	25.20	29.91	5615	4595	4292	3446
	54-32	174060	204349	85'-4"	100'-9"	26.01	30.72	5787	4735	4422	3551
	54-33	179207	210392	88'-0"	103'-5"	26.82	31.53	5958	4875	4553	3656
	54-34	184354	216435	90'-8"	106'-1"	27.64	32.34	6129	5015	4684	3761
	54-35	189502	222478	93'-4"	108'-9"	28.45	33.16	6300	5155	4815	3866
	54-36	194649	228521	96'-0"	111'-5"	29.26	33.97	6471	5295	4946	3972
	54-37	199796	234564	98'-8"	114'-1"	30.07	34.78	6642	5435	5076	4077
	54-38	204943	240606	101'-4"	116'-9"	30.89	35.60	6813	5575	5207	4182
	54-39	210090	246649	104'-0"	119'-5"	31.70	36.41	6984	5715	5338	4287
	54-40	215238	252692	106'-8"	122'-1"	32.51	37.22	7155	5855	5469	4392

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
60 Ft. (18.29 M) Diameter	60-12	89057	104555	32'-0"	49'-2"	9.75	14.99	2961	2423	2263	1817
	60-13	95412	112015	34'-8"	51'-10"	10.57	15.80	3172	2596	2424	1947
	60-14	101766	119475	37'-4"	54'-6"	11.38	16.61	3383	2769	2586	2076
	60-15	108121	126936	40'-0"	57'-2"	12.19	17.43	3594	2941	2747	2206
	60-16	114476	134396	42'-8"	59'-10"	13.00	18.24	3806	3114	2909	2336
	60-17	120830	141857	45'-4"	62'-6"	13.82	19.05	4017	3287	3070	2465
	60-18	127185	149317	48'-0"	65'-2"	14.63	19.87	4228	3460	3231	2595
	60-19	133539	156777	50'-8"	67'-10"	15.44	20.68	4439	3633	3393	2725
	60-20	139894	164238	53'-4"	70'-6"	16.26	21.49	4651	3806	3554	2854
	60-21	146249	171698	56'-0"	73'-2"	17.07	22.30	4862	3979	3716	2984
	60-22	152603	179158	58'-8"	75'-10"	17.88	23.12	5073	4152	3877	3114
	60-23	158958	186619	61'-4"	78'-6"	18.69	23.93	5284	4324	4039	3243
	60-24	165312	194079	64'-0"	81'-2"	19.51	24.74	5496	4497	4200	3373
	60-25	171667	201540	66'-8"	83'-10"	20.32	25.56	5707	4670	4362	3503
	60-26	178022	209000	69'-4"	86'-6"	21.13	26.37	5918	4843	4523	3632
	60-27	184376	216460	72'-0"	89'-2"	21.95	27.18	6129	5016	4685	3762
	60-28	190731	223921	74'-8"	91'-10"	22.76	27.99	6341	5189	4846	3892
	60-29	197085	231381	77'-4"	94'-6"	23.57	28.81	6552	5362	5007	4021
	60-30	203440	238842	80'-0"	97'-2"	24.38	29.62	6763	5534	5169	4151
	60-31	209795	246302	82'-8"	99'-10"	25.20	30.43	6974	5707	5330	4281
	60-32	216149	253762	85'-4"	102'-6"	26.01	31.25	7186	5880	5492	4410
	60-33	222504	261223	88'-0"	105'-2"	26.82	32.06	7397	6053	5653	4540
	60-34	228858	268683	90'-8"	107'-10"	27.64	32.87	7608	6226	5815	4669
	60-35	235213	276143	93'-4"	110'-6"	28.45	33.68	7820	6399	5976	4799
	60-36	241567	283604	96'-0"	113'-2"	29.26	34.50	8031	6572	6138	4929
	60-37	247922	291064	98'-8"	115'-10"	30.07	35.31	8242	6745	6299	5058
	60-38	254277	298525	101'-4"	118'-6"	30.89	36.12	8453	6917	6461	5188
	60-39	260631	305985	104'-0"	121'-2"	31.70	36.93	8665	7090	6622	5318
	60-40	266986	313445	106'-8"	123'-10"	32.51	37.75	8876	7263	6783	5447
72 Ft. (21.95 M) Diameter	72-12	131872	154820	32'-0"	51'-8"	9.75	15.76	4384	3588	3351	2691
	72-13	141023	165563	34'-8"	54'-4"	10.57	16.57	4688	3836	3583	2877
	72-14	150174	176306	37'-4"	57'-0"	11.38	17.39	4992	4085	3816	3064
	72-15	159324	187049	40'-0"	59'-8"	12.19	18.20	5297	4334	4048	3251
	72-16	168475	197792	42'-8"	62'-4"	13.00	19.01	5601	4583	4281	3437
	72-17	177625	208535	45'-4"	65'-0"	13.82	19.82	5905	4832	4513	3624
	72-18	186776	219278	48'-0"	67'-8"	14.63	20.64	6209	5081	4745	3811
	72-19	195927	230021	50'-8"	70'-4"	15.44	21.45	6513	5330	4978	3998
	72-20	205077	240764	53'-4"	73'-0"	16.26	22.26	6818	5579	5210	4184
	72-21	214228	251507	56'-0"	75'-8"	17.07	23.08	7122	5828	5443	4371
	72-22	223378	262250	58'-8"	78'-4"	17.88	23.89	7426	6077	5675	4558
	72-23	232529	272993	61'-4"	81'-0"	18.69	24.70	7730	6326	5908	4744
	72-24	241680	283736	64'-0"	83'-8"	19.51	25.51	8034	6575	6140	4931
	72-25	250830	294479	66'-8"	86'-4"	20.32	26.33	8339	6824	6373	5118
	72-26	259981	305221	69'-4"	89'-0"	21.13	27.14	8643	7073	6605	5305
	72-27	269131	315964	72'-0"	91'-8"	21.95	27.95	8947	7322	6838	5491
	72-28	278282	326707	74'-8"	94'-4"	22.76	28.77	9251	7571	7070	5678

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/m^3). 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 Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
72 Ft. (21.95 M) Diameter *Continued*	72-29	287433	337450	77'-4"	97'-0"	23.57	29.58	9556	7819	7303	5865
	72-30	296583	348193	80'-0"	99'-8"	24.38	30.39	9860	8068	7535	6051
	72-31	305734	358936	82'-8"	102'-4"	25.20	31.20	10164	8317	7768	6238
	72-32	314885	369679	85'-4"	105'-0"	26.01	32.02	10468	8566	8000	6425
	72-33	324035	380422	88'-0"	107'-8"	26.82	32.83	10772	8815	8233	6611
	72-34	333186	391165	90'-8"	110'-4"	27.64	33.64	11077	9064	8465	6798
	72-35	342336	401908	93'-4"	113'-0"	28.45	34.46	11381	9313	8698	6985
	72-36	351487	412651	96'-0"	115'-8"	29.26	35.27	11685	9562	8930	7172
	72-37	360638	423394	98'-8"	118'-4"	30.07	36.08	11989	9811	9163	7358
	72-38	369788	434137	101'-4"	121'-0"	30.89	36.89	12293	10060	9395	7545
	72-39	378939	444880	104'-0"	123'-8"	31.70	37.71	12598	10309	9628	7732
	72-40	388089	455623	106'-8"	126'-4"	32.51	38.52	12902	10558	9860	7918
75 Ft. (22.86 M) Diameter	75-12	144075	169147	32'-0"	52'-7"	9.75	16.01	4790	3920	3661	2940
	75-13	154004	180803	34'-8"	55'-3"	10.57	16.83	5120	4190	3913	3142
	75-14	163933	192460	37'-4"	57'-11"	11.38	17.64	5450	4460	4165	3345
	75-15	173862	204117	40'-0"	60'-7"	12.19	18.45	5780	4730	4417	3547
	75-16	183791	215774	42'-8"	63'-3"	13.00	19.27	6110	5000	4670	3750
	75-17	193721	227431	45'-4"	65'-11"	13.82	20.08	6440	5270	4922	3953
	75-18	203650	239088	48'-0"	68'-7"	14.63	20.89	6770	5540	5174	4155
	75-19	213579	250745	50'-8"	71'-3"	15.44	21.70	7100	5810	5426	4358
	75-20	223508	262401	53'-4"	73'-11"	16.26	22.52	7430	6080	5679	4560
	75-21	233437	274058	56'-0"	76'-7"	17.07	23.33	7760	6351	5931	4763
	75-22	243366	285715	58'-8"	79'-3"	17.88	24.14	8091	6621	6183	4965
	75-23	253295	297372	61'-4"	81'-11"	18.69	24.96	8421	6891	6436	5168
	75-24	263224	309029	64'-0"	84'-7"	19.51	25.77	8751	7161	6688	5371
	75-25	273153	320686	66'-8"	87'-3"	20.32	26.58	9081	7431	6940	5573
	75-26	283082	332342	69'-4"	89'-11"	21.13	27.39	9411	7701	7192	5776
	75-27	293011	343999	72'-0"	92'-7"	21.95	28.21	9741	7971	7445	5978
	75-28	302940	355656	74'-8"	95'-3"	22.76	29.02	10071	8241	7697	6181
	75-29	312869	367313	77'-4"	97'-11"	23.57	29.83	10401	8511	7949	6384
	75-30	322798	378970	80'-0"	100'-7"	24.38	30.65	10731	8782	8201	6586
	75-31	332727	390627	82'-8"	103'-3"	25.20	31.46	11061	9052	8454	6789
	75-32	342656	402284	85'-4"	105'-11"	26.01	32.27	11391	9322	8706	6991
	75-33	352585	413940	88'-0"	108'-7"	26.82	33.08	11721	9592	8958	7194
	75-34	362514	425597	90'-8"	111'-3"	27.64	33.90	12052	9862	9211	7397
	75-35	372443	437254	93'-4"	113'-11"	28.45	34.71	12382	10132	9463	7599
	75-36	382372	448911	96'-0"	116'-7"	29.26	35.52	12712	10402	9715	7802
	75-37	392302	460568	98'-8"	119'-3"	30.07	36.33	13042	10672	9967	8004
	75-38	402231	472225	101'-4"	121'-11"	30.89	37.15	13372	10943	10220	8207
	75-39	412160	483882	104'-0"	124'-7"	31.70	37.96	13702	11213	10472	8409
	75-40	422089	495538	106'-8"	127'-3"	32.51	38.77	14032	11483	10724	8612

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
78 Ft. (23.77 M) Diameter	78-12	156897	184199	32'-0"	53'-5"	9.75	16.27	5216	4268	3986	3201
	78-13	167636	196807	34'-8"	56'-0"	10.57	17.08	5573	4560	4259	3420
	78-14	178375	209415	37'-4"	58'-8"	11.38	17.89	5930	4853	4532	3639
	78-15	189115	222023	40'-0"	61'-5"	12.19	18.71	6287	5145	4805	3859
	78-16	199854	234631	42'-8"	64'-0"	13.00	19.52	6644	5437	5078	4078
	78-17	210593	247239	45'-4"	66'-8"	13.82	20.33	7001	5729	5351	4297
	78-18	221332	259848	48'-0"	69'-5"	14.63	21.15	7358	6021	5623	4516
	78-19	232072	272456	50'-8"	72'-0"	15.44	21.96	7715	6313	5896	4735
	78-20	242811	285064	53'-4"	74'-8"	16.26	22.77	8072	6606	6169	4954
	78-21	253550	297672	56'-0"	77'-5"	17.07	23.58	8429	6898	6442	5173
	78-22	264289	310280	58'-8"	80'-0"	17.88	24.40	8786	7190	6715	5392
	78-23	275029	322888	61'-4"	82'-8"	18.69	25.21	9143	7482	6988	5612
	78-24	285768	335496	64'-0"	85'-5"	19.51	26.02	9500	7774	7261	5831
	78-25	296507	348104	66'-8"	88'-0"	20.32	26.84	9857	8066	7533	6050
	78-26	307246	360712	69'-4"	90'-8"	21.13	27.65	10214	8359	7806	6269
	78-27	317986	373320	72'-0"	93'-5"	21.95	28.46	10571	8651	8079	6488
	78-28	328725	385928	74'-8"	96'-0"	22.76	29.27	10928	8943	8352	6707
	78-29	339464	398536	77'-4"	98'-8"	23.57	30.09	11285	9235	8625	6926
	78-30	350203	411144	80'-0"	101'-5"	24.38	30.90	11642	9527	8898	7145
	78-31	360943	423752	82'-8"	104'-0"	25.20	31.71	11999	9819	9171	7364
	78-32	371682	436360	85'-4"	106'-8"	26.01	32.52	12356	10111	9443	7584
	78-33	382421	448968	88'-0"	109'-5"	26.82	33.34	12713	10404	9716	7803
	78-34	393161	461576	90'-8"	112'-0"	27.64	34.15	13070	10696	9989	8022
	78-35	403900	474184	93'-4"	114'-8"	28.45	34.96	13427	10988	10262	8241
	78-36	414639	486793	96'-0"	117'-5"	29.26	35.78	13784	11280	10535	8460
	78-37	425378	499401	98'-8"	120'-0"	30.07	36.59	14141	11572	10808	8679
	78-38	436118	512009	101'-4"	122'-8"	30.89	37.40	14498	11864	11081	8898
	78-39	446857	524617	104'-0"	125'-5"	31.70	38.21	14855	12157	11353	9117
	78-40	457596	537225	106'-8"	128'-0"	32.51	39.03	15213	12449	11626	9337
90 Ft. (27.43 M) Diameter	90-12	214558	251894	32'-0"	55'-11"	9.75	17.03	7133	5837	5451	4378
	90-13	228856	268680	34'-8"	58'-6"	10.57	17.84	7608	6226	5815	4669
	90-14	243154	285466	37'-4"	61'-2"	11.38	18.66	8083	6615	6178	4961
	90-15	257451	302252	40'-0"	63'-11"	12.19	19.47	8559	7004	6541	5253
	90-16	271749	319038	42'-8"	66'-6"	13.00	20.28	9034	7393	6904	5545
	90-17	286047	335824	45'-4"	69'-2"	13.82	21.09	9509	7782	7268	5836
	90-18	300345	352609	48'-0"	71'-11"	14.63	21.91	9985	8171	7631	6128
	90-19	314643	369395	50'-8"	74'-6"	15.44	22.72	10460	8560	7994	6420
	90-20	328941	386181	53'-4"	77'-2"	16.26	23.53	10935	8949	8358	6712
	90-21	343238	402967	56'-0"	79'-11"	17.07	24.35	11411	9338	8721	7003
	90-22	357536	419753	58'-8"	82'-6"	17.88	25.16	11886	9727	9084	7295
	90-23	371834	436539	61'-4"	85'-2"	18.69	25.97	12361	10116	9447	7587
	90-24	386132	453325	64'-0"	87'-11"	19.51	26.78	12837	10505	9811	7878
	90-25	400430	470111	66'-8"	90'-6"	20.32	27.60	13312	10894	10174	8170
	90-26	414728	486896	69'-4"	93'-2"	21.13	28.41	13787	11282	10537	8462
	90-27	429025	503682	72'-0"	95'-11"	21.95	29.22	14263	11671	10900	8754
	90-28	443323	520468	74'-8"	98'-6"	22.76	30.04	14738	12060	11264	9045

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/m^3). 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 Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
90 Ft. (27.43 M) Diameter *Continued*	90-29	457621	537254	77'-4"	101'-2"	23.57	30.85	15213	12449	11627	9337
	90-30	471919	554040	80'-0"	103'-11"	24.38	31.66	15689	12838	11990	9629
	90-31	486217	570826	82'-8"	106'-6"	25.20	32.47	16164	13227	12353	9920
	90-32	500515	587612	85'-4"	109'-2"	26.01	33.29	16639	13616	12717	10212
	90-33	514812	604397	88'-0"	111'-11"	26.82	34.10	17115	14005	13080	10504
	90-34	529110	621183	90'-8"	114'-6"	27.64	34.91	17590	14394	13443	10796
	90-35	543408	637969	93'-4"	117'-2"	28.45	35.73	18065	14783	13807	11087
	90-36	557706	654755	96'-0"	119'-11"	29.26	36.54	18541	15172	14170	11379
	90-37	572004	671541	98'-8"	122'-6"	30.07	37.35	19016	15561	14533	11671
	90-38	586302	688327	101'-4"	125'-2"	30.89	38.16	19491	15950	14896	11963
	90-39	600599	705113	104'-0"	127'-11"	31.70	38.98	19967	16339	15260	12254
	90-40	614897	721899	106'-8"	130'-6"	32.51	39.79	20442	16728	15623	12546
105 Ft. (32.0 M) Diameter	105-12	301687	354185	32'-0"	60'-2"	9.75	18.35	10029	8207	7665	6155
	105-13	321148	377032	34'-8"	62'-10"	10.57	19.16	10676	8737	8160	6553
	105-14	340609	399880	37'-4"	65'-6"	11.38	19.98	11323	9266	8654	6950
	105-15	360070	422727	40'-0"	68'-2"	12.19	20.79	11970	9796	9148	7347
	105-16	379530	445574	42'-8"	70'-10"	13.00	21.60	12617	10325	9643	7744
	105-17	398991	468422	45'-4"	73'-6"	13.82	22.42	13264	10854	10137	8141
	105-18	418452	491269	48'-0"	76'-2"	14.63	23.23	13911	11384	10632	8538
	105-19	437913	514117	50'-8"	78'-10"	15.44	24.04	14558	11913	11126	8935
	105-20	457374	536964	53'-4"	81'-6"	16.26	24.85	15205	12443	11621	9332
	105-21	476835	559812	56'-0"	84'-2"	17.07	25.67	15852	12972	12115	9729
	105-22	496296	582659	58'-8"	86'-10"	17.88	26.48	16499	13502	12610	10126
	105-23	515757	605507	61'-4"	89'-6"	18.69	27.29	17146	14031	13104	10523
	105-24	535218	628354	64'-0"	92'-2"	19.51	28.11	17793	14560	13598	10920
	105-25	554679	651201	66'-8"	94'-10"	20.32	28.92	18440	15090	14093	11317
	105-26	574140	674049	69'-4"	97'-6"	21.13	29.73	19087	15619	14587	11714
	105-27	593601	696896	72'-0"	100'-2"	21.95	30.54	19734	16149	15082	12111
	105-28	613062	719744	74'-8"	102'-10"	22.76	31.36	20381	16678	15576	12509
	105-29	632523	742591	77'-4"	105'-6"	23.57	32.17	21028	17208	16071	12906
	105-30	651984	765439	80'-0"	108'-2"	24.38	32.98	21675	17737	16565	13303
	105-31	671445	788286	82'-8"	110'-10"	25.20	33.79	22322	18266	17060	13700
	105-32	690906	811133	85'-4"	113'-6"	26.01	34.61	22969	18796	17554	14097
	105-33	710366	833981	88'-0"	116'-2"	26.82	35.42	23616	19325	18049	14494
	105-34	729827	856828	90'-8"	118'-10"	27.64	36.23	24263	19855	18543	14891
	105-35	749288	879676	93'-4"	121'-6"	28.45	37.05	24910	20384	19037	15288
	105-36	768749	902523	96'-0"	124'-2"	29.26	37.86	25557	20913	19532	15685
	105-37	788210	925371	98'-8"	126'-10"	30.07	38.67	26204	21443	20026	16082
	105-38	807671	948218	101'-4"	129'-6"	30.89	39.48	26851	21972	20521	16479
	105-39	827132	971066	104'-0"	132'-2"	31.70	40.30	27498	22502	21015	16876
	105-40	846593	993913	106'-8"	134'-10"	32.51	41.11	28144	23031	21510	17273

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
135 Ft. (41.15 M) Diameter	135-12	530609	622943	32'-0"	67'-5"	9.75	20.55	17640	14435	13481	10826
	135-13	562779	660712	34'-8"	70'-1"	10.57	21.37	18709	15310	14299	11483
	135-14	594950	698480	37'-4"	72'-9"	11.38	22.18	19779	16185	15116	12139
	135-15	627120	736248	40'-0"	75'-5"	12.19	22.99	20848	17061	15933	12795
	135-16	659290	774016	42'-8"	78'-1"	13.00	23.80	21918	17936	16751	13452
	135-17	691460	811784	45'-4"	80'-9"	13.82	24.62	22987	18811	17568	14108
	135-18	723630	849553	48'-0"	83'-5"	14.63	25.43	24057	19686	18386	14765
	135-19	755800	887321	50'-8"	86'-1"	15.44	26.24	25126	20561	19203	15421
	135-20	787970	925089	53'-4"	88'-9"	16.26	27.06	26196	21436	20020	16077
	135-21	820140	962857	56'-0"	91'-5"	17.07	27.87	27265	22312	20838	16734
	135-22	852311	1000626	58'-8"	94'-1"	17.88	28.68	28335	23187	21655	17390
	135-23	884481	1038394	61'-4"	96'-9"	18.69	29.49	29404	24062	22472	18046
	135-24	916651	1076162	64'-0"	99'-5"	19.51	30.31	30474	24937	23290	18703
	135-25	948821	1113930	66'-8"	102'-1"	20.32	31.12	31543	25812	24107	19359
	135-26	980991	1151698	69'-4"	104'-9"	21.13	31.93	32612	26687	24924	20016
	135-27	1013161	1189467	72'-0"	107'-5"	21.95	32.75	33682	27563	25742	20672
	135-28	1045331	1227235	74'-8"	110'-1"	22.76	33.56	34751	28438	26559	21328
	135-29	1077502	1265003	77'-4"	112'-9"	23.57	34.37	35821	29313	27376	21985
	135-30	1109672	1302771	80'-0"	115'-5"	24.38	35.18	36890	30188	28194	22641
	135-31	1141842	1340539	82'-8"	118'-1"	25.20	36.00	37960	31063	29011	23297
	135-32	1174012	1378308	85'-4"	120'-9"	26.01	36.81	39029	31938	29829	23954

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/m^3). 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 Hopper Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
15 Ft. (4.57 M) Diameter 45°	HTT15-6-45	2963	3478	25'-10"	30'-1"	7.87	9.17	98	81	75	60
	HTT15-7-45	3360	3945	28'-6"	32'-9"	8.69	9.98	112	91	85	69
	HTT15-8-45	3757	4411	31'-2"	35'-5"	9.50	10.79	125	102	95	77
	HTT15-9-45	4154	4877	33'-10"	38'-1"	10.31	11.61	138	113	106	85
	HTT15-10-45	4551	5343	36'-6"	40'-9"	11.12	12.42	151	124	116	93
	HTT15-11-45	4948	5810	39'-2"	43'-5"	11.94	13.23	165	135	126	101
	HTT15-12-45	5346	6276	41'-10"	46'-1"	12.75	14.05	178	145	136	109
	HTT15-13-45	5743	6742	44'-6"	48'-9"	13.56	14.86	191	156	146	117
	HTT15-14-45	6140	7208	47'-2"	51'-5"	14.38	15.67	204	167	156	125
	HTT15-15-45	6537	7675	49'-10"	54'-1"	15.19	16.48	217	178	166	133
15 Ft. (4.57 M) Diameter 60°	HTT15-6-60	3234	3797	31'-3"	35'-6"	9.53	10.82	108	88	82	66
	HTT15-7-60	3631	4263	33'-11"	38'-2"	10.34	11.63	121	99	92	74
	HTT15-8-60	4028	4729	36'-7"	40'-10"	11.15	12.45	134	110	102	82
	HTT15-9-60	4425	5195	39'-3"	43'-6"	11.96	13.26	147	120	112	90
	HTT15-10-60	4822	5662	41'-11"	46'-2"	12.78	14.07	160	131	123	98
	HTT15-11-60	5220	6128	44'-7"	48'-10"	13.59	14.88	174	142	133	106
	HTT15-12-60	5617	6594	47'-3"	51'-6"	14.40	15.70	187	153	143	115
	HTT15-13-60	6014	7060	49'-11"	54'-2"	15.21	16.51	200	164	153	123
	HTT15-14-60	6411	7527	52'-7"	56'-10"	16.03	17.32	213	174	163	131
18 Ft. (5.49 M) Diameter 45°	HTT18-6-45	4430	5200	27'-1"	32'-2"	8.25	9.81	147	121	113	90
	HTT18-7-45	5002	5872	29'-9"	34'-10"	9.06	10.62	166	136	127	102
	HTT18-8-45	5573	6543	32'-5"	37'-6"	9.88	11.43	185	152	142	114
	HTT18-9-45	6145	7215	35'-1"	40'-2"	10.69	12.25	204	167	156	125
	HTT18-10-45	6717	7886	37'-9"	42'-10"	11.50	13.06	223	183	171	137
	HTT18-11-45	7289	8558	40'-5"	45'-6"	12.31	13.87	242	198	185	149
	HTT18-12-45	7861	9229	43'-1"	48'-2"	13.13	14.68	261	214	200	160
	HTT18-13-45	8433	9901	45'-9"	50'-10"	13.94	15.50	280	229	214	172
	HTT18-14-45	9005	10572	48'-5"	53'-6"	14.75	16.31	299	245	229	184
	HTT18-15-45	9577	11243	51'-1"	56'-2"	15.57	17.12	318	261	243	195
	HTT18-16-45	10149	11915	53'-9"	58'-10"	16.38	17.93	337	276	258	207
	HTT18-17-45	10721	12586	56'-5"	61'-6"	17.19	18.75	356	292	272	219
18 Ft. (5.49 M) Diameter 60°	HTT18-6-60	4898	5751	33'-4"	38'-5"	10.16	11.72	163	133	124	100
	HTT18-7-60	5470	6422	36'-0"	41'-1"	10.97	12.53	182	149	139	112
	HTT18-8-60	6042	7093	38'-8"	43'-9"	11.79	13.34	201	164	154	123
	HTT18-9-60	6614	7765	41'-4"	46'-5"	12.60	14.16	220	180	168	135
	HTT18-10-60	7186	8436	44'-0"	49'-1"	13.41	14.97	239	195	183	147
	HTT18-11-60	7758	9108	46'-8"	51'-9"	14.23	15.78	258	211	197	158
	HTT18-12-60	8330	9779	49'-4"	54'-5"	15.04	16.59	277	227	212	170
	HTT18-13-60	8902	10451	52'-0"	57'-1"	15.85	17.41	296	242	226	182
	HTT18-14-60	9473	11122	54'-8"	59'-9"	16.66	18.22	315	258	241	193
	HTT18-15-60	10045	11793	57'-4"	62'-5"	17.48	19.03	334	273	255	205

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
21 Ft. (6.40 M) Diameter 45°	HTT21-6-45	6252	7340	28'-4"	34'-4"	8.64	10.46	208	170	159	128
	HTT21-7-45	7030	8253	31'-0"	37'	9.46	11.28	234	191	179	143
	HTT21-8-45	7809	9167	33'-8"	39'-8"	10.27	12.09	260	212	198	159
	HTT21-9-45	8587	10081	36'-4"	42'-4"	11.08	12.90	285	234	218	175
	HTT21-10-45	9365	10995	39'-0"	45'	11.90	13.71	311	255	238	191
	HTT21-11-45	10144	11909	41'-8"	47'-8"	12.71	14.53	337	276	258	207
	HTT21-12-45	10922	12823	44'-4"	50'-4"	13.52	15.34	363	297	278	223
	HTT21-13-45	11701	13737	47'-0"	53'	14.33	16.15	389	318	297	239
	HTT21-14-45	12479	14651	49'-8"	55'-8"	15.15	16.97	415	339	317	255
	HTT21-15-45	13258	15565	52'-4"	58'-4"	15.96	17.78	441	361	337	270
	HTT21-16-45	14036	16478	55'-0"	61'	16.77	18.59	467	382	357	286
	HTT21-17-45	14814	17392	57'-8"	63'-8"	17.58	19.40	492	403	376	302
	HTT21-18-45	15593	18306	60'-4"	66'-4"	18.40	20.22	518	424	396	318
	HTT21-19-45	16371	19220	63'-0"	69'	19.21	21.03	544	445	416	334
21 Ft. (6.40 M) Diameter 60°	HTT21-6-60	6996	8213	35'-8"	41'-8"	10.88	12.70	233	190	178	143
	HTT21-7-60	7774	9127	38'-4"	44'-4"	11.69	13.51	258	211	198	159
	HTT21-8-60	8552	10041	41'-0"	47'-0"	12.51	14.33	284	233	217	175
	HTT21-9-60	9331	10955	43'-8"	49'-8"	13.32	15.14	310	254	237	190
	HTT21-10-60	10109	11869	46'-4"	52'-4"	14.13	15.95	336	275	257	206
	HTT21-11-60	10888	12782	49'-0"	55'-0"	14.95	16.76	362	296	277	222
	HTT21-12-60	11666	13696	51'-8"	57'-8"	15.76	17.58	388	317	296	238
	HTT21-13-60	12445	14610	54'-4"	60'-4"	16.57	18.39	414	339	316	254
	HTT21-14-60	13223	15524	57'-0"	63'-0"	17.38	19.20	440	360	336	270
	HTT21-15-60	14002	16438	59'-8"	65'-8"	18.20	20.02	465	381	356	286
	HTT21-16-60	14780	17352	62'-4"	68'-4"	19.01	20.83	491	402	376	302
	HTT21-17-60	15558	18266	65'-0"	71'-0"	19.82	21.64	517	423	395	317
24 Ft. (7.32 M) Diameter 45°	HTT24-6-45	8456	9927	31'-1"	37'-11"	9.48	11.56	281	230	215	173
	HTT24-7-45	9473	11121	33'-9"	40'-7"	10.29	12.37	315	258	241	193
	HTT24-8-45	10489	12315	36'-5"	43'-3"	11.10	13.19	349	285	267	214
	HTT24-9-45	11506	13508	39'-1"	45'-11"	11.92	14.00	383	313	292	235
	HTT24-10-45	12523	14702	41'-9"	48'-7"	12.73	14.81	416	341	318	256
	HTT24-11-45	13540	15896	44'-5"	51'-3"	13.54	15.63	450	368	344	276
	HTT24-12-45	14556	17089	47'-1"	53'-11"	14.36	16.44	484	396	370	297
	HTT24-13-45	15573	18283	49'-9"	56'-7"	15.17	17.25	518	424	396	318
	HTT24-14-45	16590	19477	52'-5"	59'-3"	15.98	18.06	552	451	422	338
	HTT24-15-45	17606	20670	55'-1"	61'-11"	16.79	18.88	585	479	447	359
	HTT24-16-45	18623	21864	57'-9"	64'-7"	17.61	19.69	619	507	473	380
	HTT24-17-45	19640	23058	60'-5"	67'-3"	18.42	20.50	653	534	499	401
	HTT24-18-45	20657	24251	63'-1"	69'-11"	19.23	21.32	687	562	525	421
	HTT24-19-45	21673	25445	65'-9"	72'-7"	20.05	22.13	721	590	551	442

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Commercial Hopper Bins

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
27 Ft. (8.23 M) Diameter 40°	HTT27-6-40	10722	12588	30'-9"	38'-5"	9.37	11.72	356	292	272	219
	HTT27-7-40	12009	14099	33'-5"	41'-1"	10.19	12.53	399	327	305	245
	HTT27-8-40	13296	15609	36'-1"	43'-9"	11.00	13.34	442	362	338	271
	HTT27-9-40	14582	17120	38'-9"	46'-5"	11.81	14.16	485	397	371	298
	HTT27-10-40	15869	18631	41'-5"	49'-1"	12.62	14.97	528	432	403	324
	HTT27-11-40	17156	20141	44'-1"	51'-9"	13.44	15.78	570	467	436	350
	HTT27-12-40	18443	21652	46'-9"	54'-5"	14.25	16.60	613	502	469	376
	HTT27-13-40	19730	23163	49'-5"	57'-1"	15.06	17.41	656	537	501	403
	HTT27-14-40	21016	24674	52'-1"	59'-9"	15.88	18.22	699	572	534	429
	HTT27-15-40	22303	26184	54'-9"	62'-5"	16.69	19.03	741	607	567	455
	HTT27-16-40	23590	27695	57'-5"	65'-1"	17.50	19.85	784	642	599	481
	HTT27-17-40	24877	29206	60'-1"	67'-9"	18.31	20.66	827	677	632	508
	HTT27-18-40	26164	30717	62'-9"	70'-5"	19.13	21.47	870	712	665	534
	HTT27-19-40	27450	32227	65'-5"	73'-1"	19.94	22.29	913	747	697	560
30 Ft. (9.15 M) Diameter 40°	HTT30-6-40	13643	16017	32'-0"	40'-7"	9.75	12.36	454	371	347	278
	HTT30-7-40	15232	17882	34'-8"	43'-3"	10.57	13.17	506	414	387	311
	HTT30-8-40	16821	19748	37'-4"	45'-11"	11.38	13.99	559	458	427	343
	HTT30-9-40	18409	21613	40'-0"	48'-7"	12.19	14.80	612	501	468	376
	HTT30-10-40	19998	23478	42'-8"	51'-3"	13.00	15.61	665	544	508	408
	HTT30-11-40	21586	25343	45'-4"	53'-11"	13.82	16.42	718	587	548	440
	HTT30-12-40	23175	27208	48'-0"	56'-7"	14.63	17.24	770	630	589	473
	HTT30-13-40	24764	29073	50'-8"	59'-3"	15.44	18.05	823	674	629	505
	HTT30-14-40	26352	30938	53'-4"	61'-11"	16.26	18.86	876	717	670	538
	HTT30-15-40	27941	32803	56'-0"	64'-7"	17.07	19.68	929	760	710	570
	HTT30-16-40	29530	34668	58'-8"	67'-3"	17.88	20.49	982	803	750	603
	HTT30-17-40	31118	36533	61'-4"	69'-11"	18.69	21.30	1035	847	791	635
	HTT30-18-40	32707	38399	64'-0"	72'-7"	19.51	22.11	1087	890	831	667
	HTT30-19-40	34296	40264	66'-8"	75'-3"	20.32	22.93	1140	933	871	700
33 Ft. (10.06 M) Diameter 40°	HTT33-6-40	17000	19958	33'-4"	42'-9"	10.15	13.03	565	462	432	347
	HTT33-7-40	18922	22215	36'	45'-5"	10.97	13.84	629	515	481	386
	HTT33-8-40	20844	24472	38'-8"	48'-1"	11.78	14.66	693	567	530	425
	HTT33-9-40	22767	26728	41'-4"	50'-9"	12.59	15.47	757	619	578	465
	HTT33-10-40	24689	28985	44'	53'-5"	13.40	16.28	821	672	627	504
	HTT33-11-40	26611	31242	46'-8"	56'-1"	14.22	17.09	885	724	676	543
	HTT33-12-40	28533	33499	49'-4"	58'-9"	15.03	17.91	949	776	725	582
	HTT33-13-40	30456	35755	52'	61'-5"	15.84	18.72	1012	829	774	621
	HTT33-14-40	32378	38012	54'-8"	64'-1"	16.66	19.53	1076	881	823	661
	HTT33-15-40	34300	40269	57'-4"	66'-9"	17.47	20.34	1140	933	871	700
	HTT33-16-40	36222	42526	60'	69'-5"	18.28	21.16	1204	985	920	739
	HTT33-17-40	38145	44782	62'-8"	72'-1"	19.09	21.97	1268	1038	969	778
	HTT33-18-40	40067	47039	65'-4"	74'-9"	19.91	22.78	1332	1090	1018	818
	HTT33-19-40	41989	49296	68'	77'-5"	20.72	23.60	1396	1142	1067	857

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m^3 (48.2 lb/ft^3) I CORN: Approximately 721 kg/m^3 (45 lb/ft^3) I RICE: Approximately 579 kg/m^3 (36.1 lb/ft^3)

Bin Capacities

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (ft3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (m3)	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON RICE
36 Ft. (10.97 M) Diameter 40°	HTT36-6-40	20816	24438	34'-7"	44'-10"	10.54	13.68	692	566	529	425
	HTT36-7-40	23104	27124	37'-3"	47'-6"	11.35	14.49	768	629	587	471
	HTT36-8-40	25391	29810	39'-11"	50'-2"	12.17	15.30	844	691	645	518
	HTT36-9-40	27679	32496	42'-7"	52'-10"	12.98	16.12	920	753	703	565
	HTT36-10-40	29967	35181	45'-3"	55'-6"	13.79	16.93	996	815	761	611
	HTT36-11-40	32254	37867	47'-11"	58'-2"	14.60	17.74	1072	877	819	658
	HTT36-12-40	34542	40553	50'-7"	60'-10"	15.42	18.55	1148	940	878	705
	HTT36-13-40	36830	43238	53'-3"	63'-6"	16.23	19.37	1224	1002	936	751
	HTT36-14-40	39117	45924	55'-11"	66'-2"	17.04	20.18	1300	1064	994	798
	HTT36-15-40	41405	48610	58'-7"	68'-10"	17.86	20.99	1376	1126	1052	845
	HTT36-16-40	43693	51296	61'-3"	71'-6"	18.67	21.80	1453	1189	1110	891
	HTT36-17-40	45980	53981	63'-11"	74'-2"	19.48	22.62	1529	1251	1168	938
	HTT36-18-40	48268	56667	66'-7"	76'-10"	20.29	23.43	1605	1313	1226	985
	HTT36-19-40	50555	59353	69'-3"	79'-6"	21.11	24.24	1681	1375	1284	1032

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/m^3). 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.

AGI is a leading manufacturer of grain, seed, feed, food and fertilizer handling, blending, storage and conditioning equipment. Our brands are amongst the most recognized in the industry. The AGI product catalog includes portable handling equipment (augers, belt conveyors, grain vacs), permanent handling systems (bucket elevators, enclosed belt conveyors, chain conveyors, structural) and storage systems (aeration, drying, bins/silos, monitoring) that service various sectors for on-farm and commercial operations.

AGI

2928 E. US Hwy 30, Grand Island, Nebraska, USA 68802
P 1+308.384.9320 | **F** 1+308.389.5253 | 800.247.6621 | sales@mfsyork.com | mfsyork.com