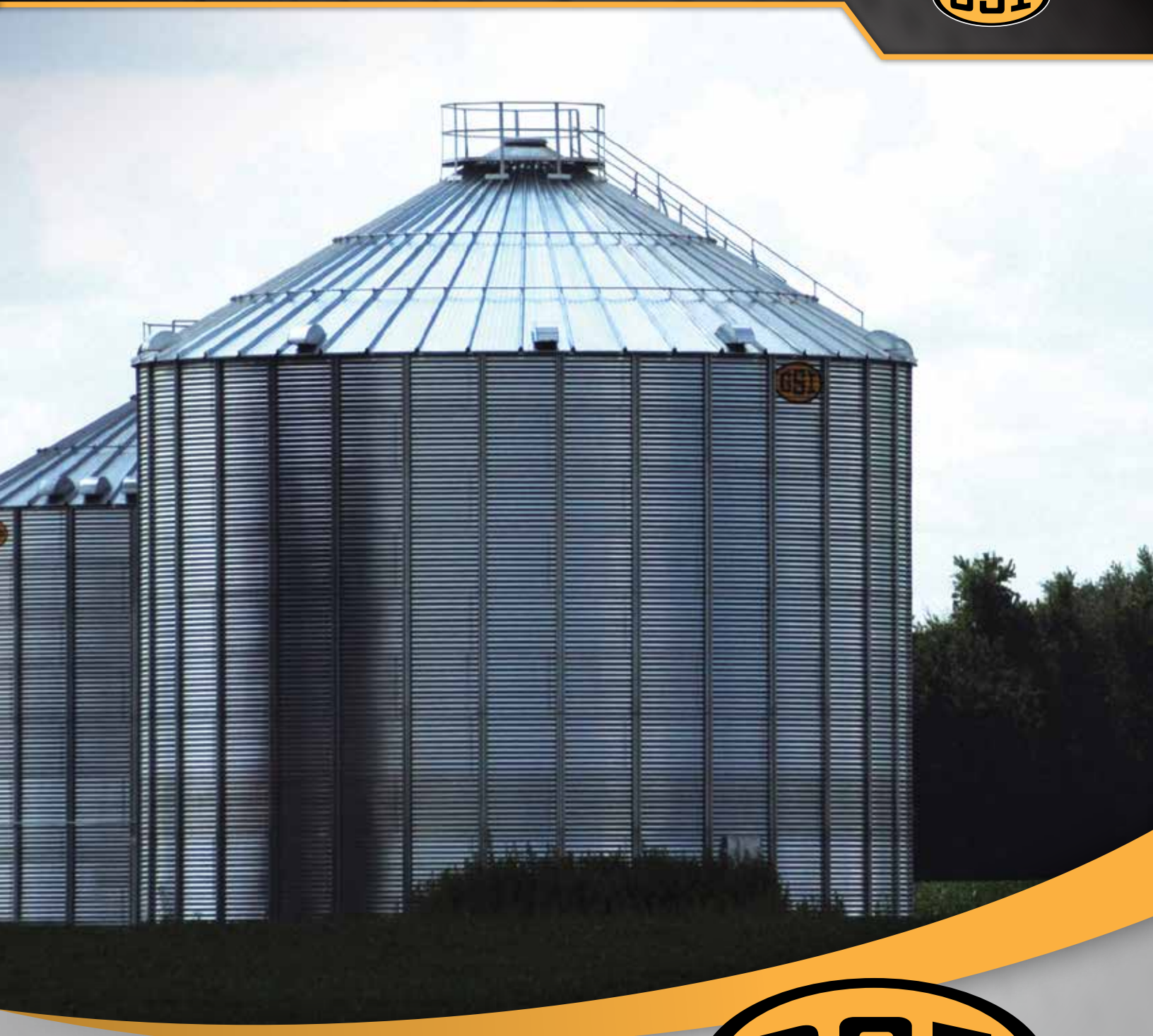
FOR THE PRODUCER

# 40-SERIES™ GRAIN BINS



PROVEN & DEPENDABLE™

WWW.GRAINSYSTEMS.COM

# PROVEN & DEPENDABLE

The demands of farming are never ending. The risks are high. Each year you have one shot at your crop's yield, strategically navigating through all the challenges Mother Nature throws your way. And, at harvest, every second counts. The window of opportunity from field to storage is narrow, so you need storage solutions that maximize productivity and minimize downtime.

Years of hard work powered by a single vision to design and deliver world-class products have built this company from the ground up. For more than 40 years, it is this dedication and commitment that have resulted in GSI becoming the world's number one manufacturer of grain bins. However, it is your dedication to farming that keeps us striving to create the best and most reliable grain systems today and for generations to come.

Never satisfied with the status quo, we are driven to provide top-of-the-line products that will protect, condition and move the grain you work so hard to produce. We are committed each and every day to provide the best service possible by establishing lasting relationships with our worldwide network of dealers and customers just like you who use our products.

We're always growing, but we will never lose sight of the relationships that got us here in the first place. While our commitment to remain at the top runs deep, our commitment to you runs even deeper.

**THAT'S WHY GSI.**

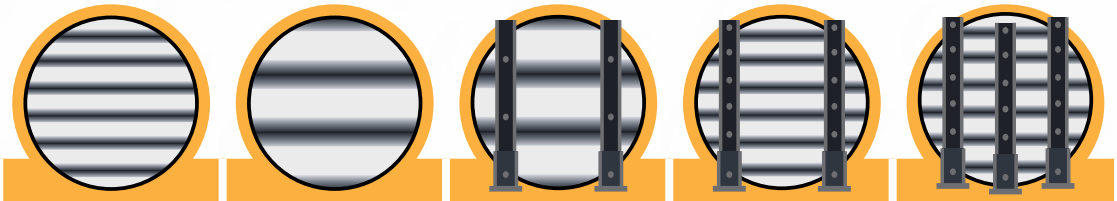
## BUILD. EXPAND. EXPAND MORE.

No matter how high yields are, grain prices at harvest are no guarantee. Uncertain weather and market volatility increase the risk. Growers who are looking to manage these uncertainties and capitalize on market opportunities depend on GSI for onsite grain storage that will grow and expand with them.

When determining the best system for your operation, we know that what's protected inside the bin is what counts most. Every product we design, engineer and build is based on this foundation.

From the initial site analysis, to developing a grain storage plan, to final completion of the project, GSI's strong network of dealers is committed to supporting you and your operation's growth every step of the way.

As your farm acreage and yields continue to grow, GSI grows with you. From 7,000 all the way up to 1.2 million bushel bins, our full line of grain bins and accessories are customized to fit your needs and maximize your profitability.



| | 4002 | 4004 | 4024 | 4022 | 4032 |
|---|---|---|---|---|---|
| | UNSTIFFENED BINS | | STIFFENED BINS | | |
| APPROXIMATE BUSHEL CAPACITY | 1,600 to 62,000 | 1,700 to 61,000 | 1,000 to 282,900 | 7,200 to 122,000 | 15,000 to 1.2 million |
| STIFFENERS PER SIDEWALL SHEET | none | none | 2 | 2 | 3 |
| CORRUGATION | 2.66" | 4" | 4" | 2.66" | 2.66" |
| DIAMETER | 15' to 48' | 15' to 48' | 12' to 72' | 18' to 60' | 21' to 135' |
| NUMBER OF RINGS | 4 to 15 | 3 to 10 | 3 to 21 | 12 to 26 | 12 to 37 |

# FEATURES

## ROOF PANELS

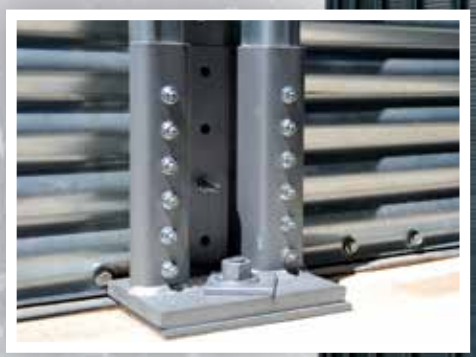
The new 40-Series™ roof panels incorporate a 3'' tall rib with over-and-under lap profiles ensuring a precise fit (see illustration shown below). 3-bend rib profiles are also incorporated in the new design for increased strength to stand up even in the harshest environments.

## HIGHER CAPACITY AND SUPERIOR PROTECTION

Each GSI bin is efficiently designed to handle maximum loads for unmatched strength. All GSI bins are constructed using the highest-strength steel available. Sidewall sheets are made from high-tensile steel that is rated up to 70,000 psi (450 MPa) minimum. A commercial G-90, galvanized steel coating increases life and durability.

## STIFFENERS

GSI's stiffener profiles and the use of up to 2-gauge material make bins stronger, allowing 40-Series bins to go taller without the extensive use of lamination. Improved stiffener profile design is manufactured on precision roll-forming equipment for superior quality. Base stiffener boots are powder-coated so they won't rust over time.



# FEATURES

### WIND RING

Redesigned wind ring and wind ring brackets reduce bolt holes in stiffeners, resulting in increased load capacity. Swaged, bolted splice ensure your 40-Series bins will stand up to the toughest wind conditions.

### JS500 BOLTS

GSI uses JS500 bolts paired with sealing washers to protect the grain. In addition, JS500 coated hardware provides added protection from rust to ensure your grain bin stands the test of time.

### BASE ANGLE

Rolled structural base angle prevents water from entering at the base of the bin for improved protection.

Visit **roicalculator.grainsystems.com** to calculate your return on investment of a GSI grain bin.

# BIN ROOF



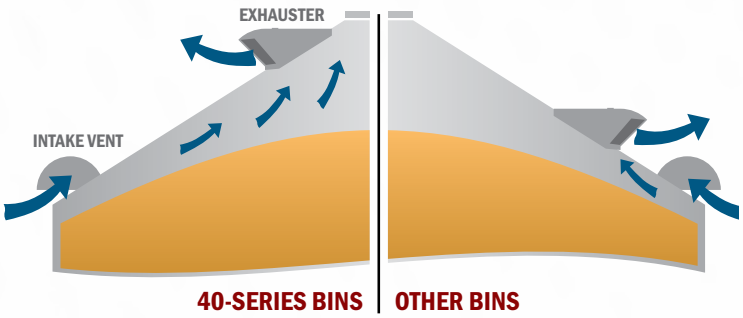
## Z-TEK™ ROOF SYSTEM

GSI's 40-Series™ line of grain storage bins feature the precision-engineered Z-Tek™ Roof System. Designed for increased load capacity, the system incorporates z-shaped rafters and purlins, clips, peak ring, flat top and roof panel for unsurpassed strength and protection.

GSI EXCLUSIVE

## ROOF EXHAUSTER MOUNTING LOCATION

Moving air in and out of the bin efficiently is essential. The 40-Series bin features new roof exhauster mounting plates near the peak for improved air flow by providing optimal separation of the intake vents and the exhausters. This allows for headspace air to be completely turned over and to minimize condensation on the bottom of the roof panels in colder climates.




## ROOF VENTS

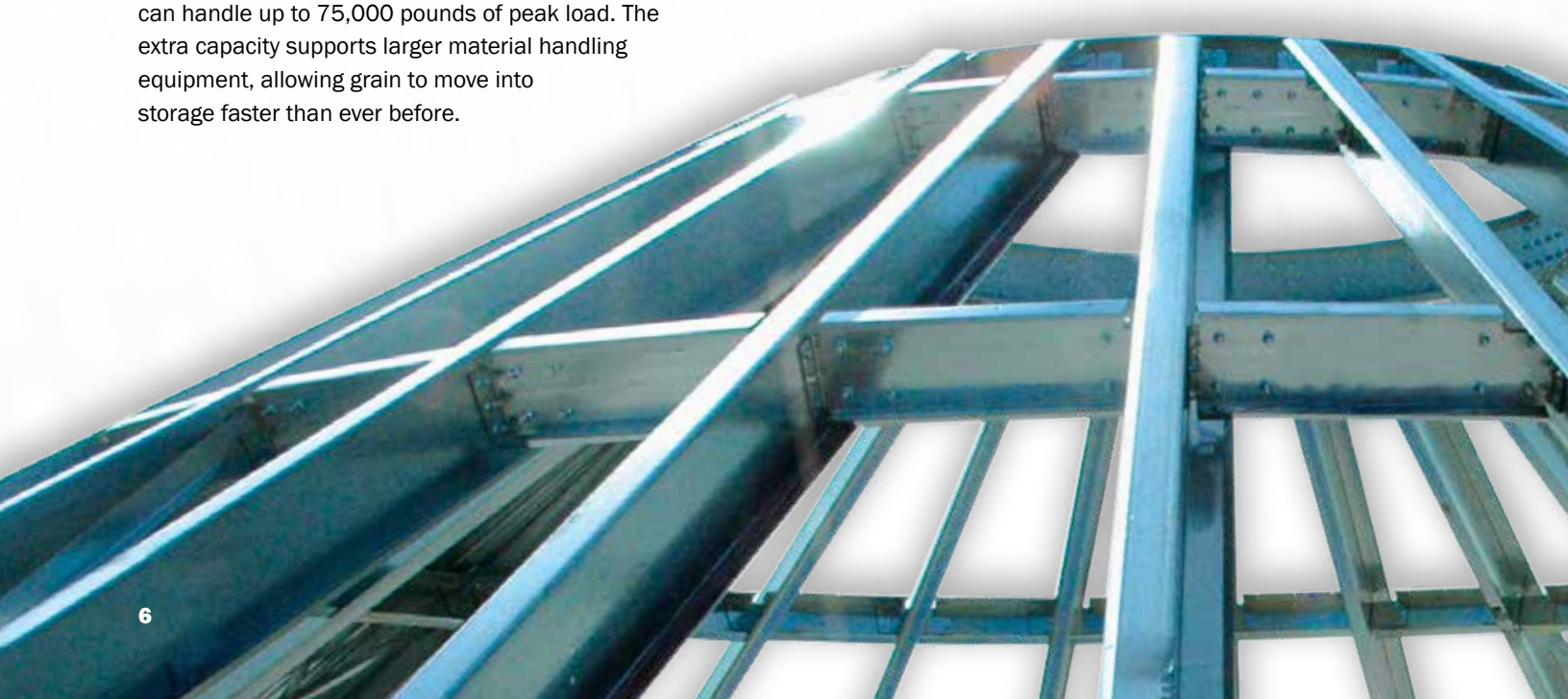
Redesigned roof vents promote increased airflow, meaning fewer vents are required. Vents feature a one-piece steel design with integrated cricket. Roof vents are available in grill vent and auto vent.

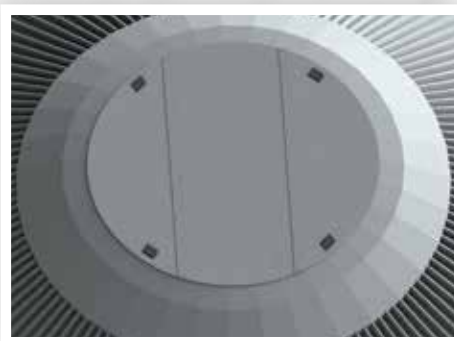
## INCREASE SNOW LOAD CAPACITY

You can rest assured knowing that your grain is protected and dry from the elements in a GSI grain bin. GSI 40-Series bins can handle even the harshest of winter seasons with increased snow load capacity.

## ADDED PEAK LOAD CAPACITY

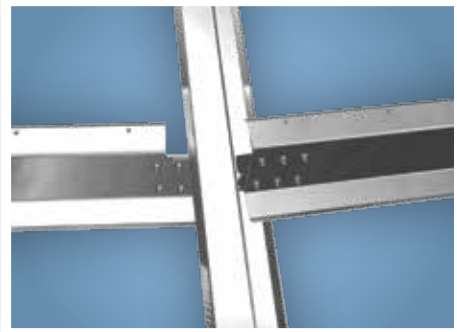
The roll formed precision manufactured Z-Tek Roof System can handle up to 75,000 pounds of peak load. The extra capacity supports larger material handling equipment, allowing grain to move into storage faster than ever before.





## FLAT TOP

With the increasing speed of harvest, the size and capacities of material handling equipment continue to increase, leading to the need for larger flat tops on which to land equipment. Integrated attachment points within the flat top eliminate guesswork on where to attach material handling equipment for more accurate assembly. An optional integrated peak walk-around is available on bins larger than 54' diameter.



## PURLINS

All purlins are designed as compression purlins for even distribution of the roof load. The Z-Tek Roof System delivers an increase in peak and snow load capacities as well as a simplified design for faster installation. GSI purlins are manufactured using the latest roll-form technology to ensure the most accurate fit possible.

## ROOF SHEET OVERLAP

GSI's in-plane roof lap is designed to stop leaking by eliminating the flashing that is required between the upper and lower panels. Single sheet roofs are standard for all bins up to 78' diameter. From single-sheet roofs to an overlapped panel design, your crop is protected.

## TEMPERATURE CABLE BRACKETS

GSI's Z-Tek Roof System temperature cable attachment brackets are standard for all bins 54' and larger. Temperature cables can be used on bins 48' and smaller with the optional addition of support brackets. The center collar includes an attachment point for the center cable so it's ready to expand with you when you choose.

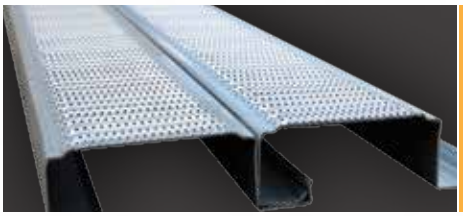
Visit **roicalculator.grainsystems.com** to calculate your return on investment of a GSI grain bin.

# BIN FLOORS

GSI offers a wide range of floor designs to meet your specific grain type or aeration requirements. All floor parts are galvanized for lasting durability and feature a unique locking system that reduces floor movement and supports extreme load conditions.

### DURA-LOK FLOORING

Easy to sweep and clean, Dura-Lok floor is the strongest floor available, making it ideal for tall bins. Supported by a post and beam system, the Dura-Lok floor features 3.5" wide sections for a more stable floor. A small grain option is also available.




### CUT-LOK FLOORING

An economical option, the Cut-Lok steel floor is efficiently designed with a 12% opening that prevents any restriction to air flow.

### COR-LOK FLOORING

Available in 18 gauge, the Cor-Lok floor features a 12% open round-hole perforation.

### MONO-RAIL FLOOR SUPPORTS

Dura-Lok flooring sits on our commercial grade Mono-Rail support system.

### GSI GRANDSTAND® LOCKING TAB SUPPORTS

Cut-Lok and Cor-Lok sit on Grandstand supports. Locking tabs attach supports to flooring, preventing movement during install.

### FLOOR SUPPORTS

For increased airflow, floor supports provide the perfect solution featuring a reduced air deflection design and easy assembly.

# BIN ACCESSIBILITY

Your safety is a top priority. Durable and weather-resistant GSI stairs, ladders, cages, platforms, sidewall doors, steps and roof caps are designed to provide safe, convenient access points.

## GSI GRAIN BIN STAIRS

GSI's new line of sidewall stairs, roof stairs and platforms are strong, comfortable and easy to climb, allowing you to get to the top quickly and safely.

### SIDEWALL STAIRS

2-piece step design - the strength of two steps in one. Step height designed for comfortable rise/step combination.

Pre-rolled, 1.5" round tube, smooth handrails. Optional inside handrail for increased safety and ease of climbing.

Stairs can be wrapped clockwise or counterclockwise.

### PLATFORMS

Three options for platform placement with single or double platform options.

High – located above the eave.

Low – located below the eave.

High/Low – combines a low platform in front of manway hole and a high platform to step onto roof (available on bins 60' and smaller - 3 panel roofs only).

### ROOF STAIRS

Roof stairs allow for a safe and easy transition from platform to roof.

Comes in three sections to cover all roof combinations (3-step section, 4-step section, 8-step section)

Designed to clear potential interference with roof rings and other objects.

### STURDY BIN LADDERS

GSI high-strength ladders have roll-formed sides and stamped rungs to eliminate rung spin. Quick assembly sections are available in 48" lengths and feature dimpled rungs for a better grip. GSI's ladder cages are completely galvanized and bolt directly to the prepunched sidewall ladders.

Also available are optional X-Series ladders, designed to meet OSHA specifications. Designed with step-through platforms, X-Series ladders are mounted 90 degrees to the sidewall to eliminate toe hazards such as stiffeners, wind rings and other bracketry.

### WALK-THROUGH BIN DOORS

Walk-through doors are standard on all 40-Series™ grain bins. The outer door cover swings completely with the door cover hold-back and closes tightly with an exclusive weather seal, keeping water and pests out, and your protected grain in.

All inner door panels on GSI's walk-through door open completely. There are no horizontal bars or braces to unbolt or remove. To counteract friction set from grain loads, the specially designed lever latch multiplies the inner door opening force by 20 times, so opening is quick and easy. No wrenches or tools are required to operate.

Visit **roicalculator.grainsystems.com** to calculate your return on investment of a GSI grain bin.

# OPTIONS

## UNLOAD SYSTEMS

We offer a full line of bin-unloading solutions with horizontal, 25 degree, and vertical discharge options.

### ROUND TUBE AND POWER SWEEP

Basic bin unloads 6", 8", 10" and 12" models with horizontal, 25-degree and vertical discharge options. Dura-Edge flighting is standard on 8", 10" and 12" models, increasing life by 30%. Integrated Power Sweeps are available in 6", 8" and 10" models or a heavy-duty 10" option. Power Sweeps are permanently installed and utilize the same motor as the basic round tube unload.

### U-TROUGH

A 10" U-Trough comes standard with an integrated power sweep and moves 5,000-6,000 BPH. U-Trough fits under a standard 12" floor as well as most other aeration floors.

### VERSALOOP™

If you are looking for an easy-to-operate versatile piece of equipment for your farm system, invest in a VersaLoop round tube chain conveyor. VersaLoop will improve your farm storage system from top to bottom and speed up your grain handling process. With many inlet and discharge options, VersaLoop can be used in several key functions across your grain system making grain movement easier than ever. VersaLoop is available in 8" (up to 4,000 BPH), 10" (up to 6,000 BPH) and 12" (up to 10,000 BPH) models.

## AERATION & GRAIN CONDITIONING SYSTEMS

Maintaining consistent grain quality is essential to long-term profitability and viability. GSI manufactures a complete line of aeration and grain-conditioning systems to help maintain grain quality in any operation.

Having the right size of fan and drying system for your specific operation is key. Too much airflow can be as bad – sometimes even worse – than too little airflow. Our network of experienced dealers is the most knowledgeable in the field to ensure you equip your bin with the aeration and conditioning system that matches your specific requirements.

From high efficiency vane axial fans to a variety of centrifugal fans to heaters, talk with your GSI dealer to find the best match to reduce costs and boost performance.

| | AXIAL | CENTRIFUGAL | INLINE CENTRIFUGAL | HIGH SPEED CENTRIFUGAL |
|---|---|---|---|---|
| HORSEPOWER | 1 - 15 | 5 - 50 | 1.5 - 15 | 3 - 50 |
| APPLICATION | Aeration, Drying | Aeration, Drying | Aeration | Aeration |
| NOISE | | | | |
| COST | $ | $ $ | $ $ $ | $ $ $ |
| HEATER AVAILABLE | ✔ | ✔ | Not Applicable | Not Applicable |

Visit **roicalculator.grainsystems.com** to calculate your return on investment of a GSI grain bin.

# UNSTIFFENED BINS - 2.66" CORRUGATION

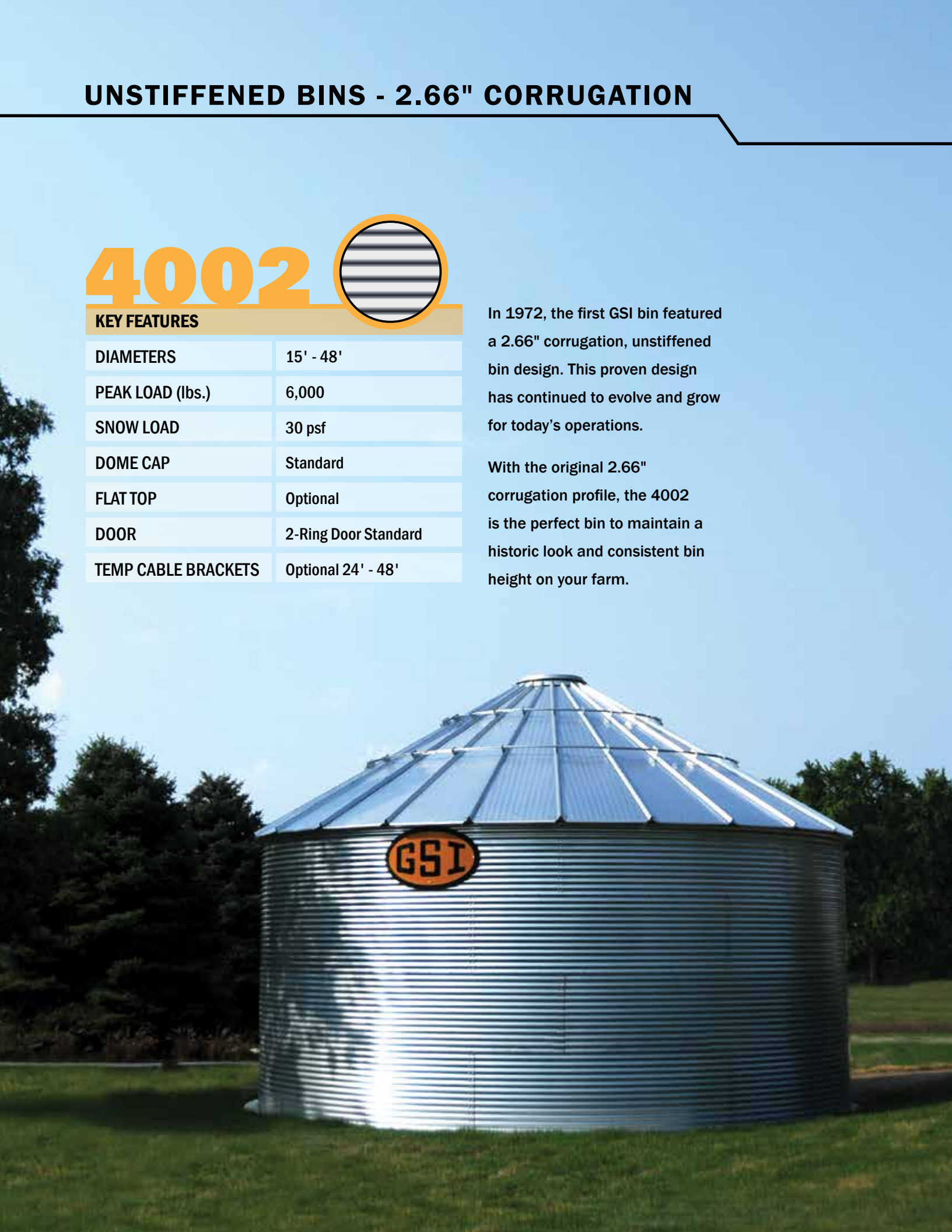
## 4002



| KEY FEATURES | |
|---|---|
| DIAMETERS | 15' - 48' |
| PEAK LOAD (lbs.) | 6,000 |
| SNOW LOAD | 30 psf |
| DOME CAP | Standard |
| FLAT TOP | Optional |
| DOOR | 2-Ring Door Standard |
| TEMP CABLE BRACKETS | Optional 24' - 48' |

In 1972, the first GSI bin featured a 2.66" corrugation, unstiffened bin design. This proven design has continued to evolve and grow for today's operations.

With the original 2.66" corrugation profile, the 4002 is the perfect bin to maintain a historic look and consistent bin height on your farm.



# 4002 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 4 | 1,649 | 10'10" | 15'2" | 2,109 | 51 | 46 | 41 | 3.30 | 4.62 | 60 |
| | 5 | 2,047 | 13'6" | 17'9" | 2,576 | 62 | 56 | 49 | 4.09 | 5.41 | 73 |
| | 6 | 2,444 | 16'2" | 20'5" | 3,042 | 73 | 66 | 58 | 4.93 | 6.25 | 86 |
| | 7 | 2,841 | 18'10" | 23'2" | 3,508 | 84 | 76 | 67 | 5.74 | 7.06 | 99 |
| | 8 | 3,239 | 21'6" | 25'9" | 3,974 | 95 | 86 | 76 | 6.55 | 7.87 | 113 |
| | 9 | 3,636 | 24'2" | 28'5" | 4,441 | 107 | 96 | 85 | 7.36 | 8.68 | 126 |
| | 10 | 4,033 | 26'10" | 31'2" | 4,907 | 118 | 106 | 94 | 8.17 | 9.49 | 139 |
| | 11 | 4,430 | 29'6" | 33'9" | 5,373 | 129 | 116 | 103 | 8.98 | 10.30 | 152 |
| | 12 | 4,828 | 32'2" | 36'5" | 5,839 | 140 | 126 | 112 | 9.79 | 11.11 | 165 |
| 18 | 4 | 2,435 | 10'10" | 15'11" | 3,104 | 75 | 67 | 60 | 3.30 | 4.87 | 88 |
| | 5 | 3,007 | 13'6" | 18'7" | 3,775 | 91 | 82 | 73 | 4.09 | 5.66 | 107 |
| | 6 | 3,579 | 16'2" | 21'3" | 4,447 | 107 | 96 | 85 | 4.93 | 6.50 | 126 |
| | 7 | 4,151 | 18'10" | 23'11" | 5,118 | 123 | 111 | 98 | 5.74 | 7.31 | 145 |
| | 8 | 4,723 | 21'6" | 26'7" | 5,790 | 139 | 125 | 111 | 6.55 | 8.12 | 164 |
| | 9 | 5,295 | 24'2" | 29'3" | 6,461 | 155 | 140 | 124 | 7.37 | 8.94 | 183 |
| | 10 | 5,867 | 26'10" | 31'11" | 7,133 | 171 | 154 | 137 | 8.15 | 9.72 | 202 |
| | 11 | 6,439 | 29'6" | 34'7" | 7,804 | 187 | 169 | 150 | 8.99 | 10.56 | 221 |
| | 12 | 7,011 | 32'2" | 37'3" | 8,475 | 204 | 183 | 163 | 9.80 | 11.37 | 240 |
| 21 | 5 | 4,174 | 13'6" | 19'6" | 5,229 | 126 | 113 | 100 | 4.09 | 5.94 | 148 |
| | 6 | 4,952 | 16'2" | 22'2" | 6,143 | 148 | 133 | 118 | 4.93 | 6.78 | 174 |
| | 7 | 5,730 | 18'10" | 24'10" | 7,057 | 169 | 153 | 136 | 5.74 | 7.59 | 200 |
| | 8 | 6,508 | 21'6" | 27'6" | 7,971 | 191 | 173 | 153 | 6.55 | 8.40 | 226 |
| | 9 | 7,286 | 24'2" | 30'2" | 8,885 | 213 | 192 | 171 | 7.37 | 9.22 | 252 |
| | 10 | 8,064 | 26'10" | 32'10" | 9,799 | 235 | 212 | 188 | 8.15 | 10.00 | 277 |
| | 11 | 8,842 | 29'6" | 35'6" | 10,713 | 257 | 232 | 206 | 8.99 | 10.84 | 303 |
| | 12 | 9,620 | 32'2" | 38'2" | 11,627 | 279 | 252 | 223 | 9.80 | 11.65 | 329 |
| 24 | 5 | 5,546 | 13'6" | 20'4" | 6,949 | 167 | 150 | 133 | 4.09 | 6.20 | 197 |
| | 6 | 6,563 | 16'2" | 23'0" | 8,142 | 196 | 176 | 156 | 4.93 | 7.04 | 231 |
| | 7 | 7,580 | 18'10" | 25'8" | 9,336 | 224 | 202 | 179 | 5.74 | 7.85 | 264 |
| | 8 | 8,597 | 21'6" | 28'4" | 10,530 | 253 | 228 | 202 | 6.55 | 8.66 | 298 |
| | 9 | 9,614 | 24'2" | 31'0" | 11,723 | 281 | 254 | 225 | 7.37 | 9.48 | 332 |
| | 10 | 10,631 | 26'10" | 33'8" | 12,917 | 310 | 280 | 248 | 8.15 | 10.26 | 366 |
| | 11 | 11,648 | 29'6" | 36'4" | 14,111 | 339 | 305 | 271 | 8.99 | 11.10 | 400 |
| | 12 | 12,665 | 32'2" | 39'0" | 15,304 | 367 | 331 | 294 | 9.80 | 11.91 | 433 |
| 27 | 5 | 7,148 | 13'6" | 21'3" | 8,944 | 215 | 194 | 172 | 4.09 | 6.48 | 253 |
| | 6 | 8,435 | 16'2" | 23'11" | 10,455 | 251 | 226 | 201 | 4.93 | 7.32 | 296 |
| | 7 | 9,722 | 18'10" | 26'7" | 11,966 | 287 | 259 | 230 | 5.74 | 8.13 | 339 |
| | 8 | 11,009 | 21'6" | 29'3" | 13,476 | 324 | 292 | 259 | 6.55 | 8.94 | 382 |
| | 9 | 12,296 | 24'2" | 31'11" | 14,987 | 360 | 324 | 288 | 7.37 | 9.76 | 424 |
| | 10 | 13,583 | 26'10" | 34'7" | 16,498 | 396 | 357 | 317 | 8.15 | 10.54 | 467 |
| | 11 | 14,870 | 29'6" | 37'3" | 18,008 | 432 | 390 | 346 | 8.99 | 11.38 | 510 |
| | 12 | 16,157 | 32'2" | 39'11" | 19,519 | 469 | 422 | 375 | 9.80 | 12.19 | 553 |
| 30 | 5 | 8,981 | 13'6" | 22'2" | 11,227 | 270 | 243 | 216 | 4.09 | 6.73 | 318 |
| | 6 | 10,570 | 16'2" | 24'10" | 13,092 | 314 | 283 | 252 | 4.93 | 7.57 | 371 |
| | 7 | 12,159 | 18'10" | 27'6" | 14,957 | 359 | 324 | 287 | 5.72 | 8.36 | 424 |
| | 8 | 13,748 | 21'6" | 30'2" | 16,822 | 404 | 364 | 323 | 6.55 | 9.19 | 476 |
| | 9 | 15,337 | 24'2" | 32'10" | 18,687 | 449 | 404 | 359 | 7.37 | 10.01 | 529 |
| | 10 | 16,926 | 26'10" | 35'6" | 20,553 | 493 | 445 | 395 | 8.15 | 10.79 | 582 |
| | 11 | 18,515 | 29'6" | 38'2" | 22,418 | 538 | 485 | 431 | 8.99 | 11.63 | 635 |
| | 12 | 20,104 | 32'2" | 40'10" | 24,283 | 583 | 526 | 466 | 9.80 | 12.44 | 688 |
| | 13 | 21,694 | 34'10" | 43'6" | 26,148 | 628 | 566 | 502 | 10.62 | 13.26 | 740 |
| | 14 | 23,283 | 37'6" | 46'2" | 28,013 | 673 | 606 | 538 | 11.43 | 14.07 | 793 |
| | 15 | 24,872 | 40'2" | 48'10" | 29,878 | 717 | 647 | 574 | 12.24 | 14.88 | 846 |

4002 - 33'-48' DIAMETERS CONTINUED ON PAGE 14 ►

# 4002 SPECIFICATIONS



◄ 4002 - 15'-30' DIAMETERS ON PAGE 13

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 5 | 11,056 | 13'6" | 23'0" | 13,809 | 332 | 299 | 265 | 4.09 | 7.01 | 391 |
| | 6 | 12,979 | 16'2" | 25'8" | 16,065 | 386 | 348 | 309 | 4.93 | 7.85 | 455 |
| | 7 | 14,902 | 18'10" | 28'4" | 18,322 | 440 | 397 | 352 | 5.74 | 8.66 | 519 |
| | 8 | 16,825 | 21'6" | 30'0" | 20,579 | 494 | 445 | 395 | 6.55 | 9.47 | 583 |
| | 9 | 18,748 | 24'2" | 33'8" | 22,836 | 548 | 494 | 439 | 7.37 | 10.29 | 647 |
| | 10 | 20,671 | 26'10" | 36'4" | 25,092 | 603 | 543 | 482 | 8.15 | 11.07 | 711 |
| | 11 | 22,594 | 29'6" | 39'0" | 27,349 | 657 | 592 | 525 | 8.99 | 11.91 | 774 |
| | 12 | 24,517 | 32'2" | 41'8" | 29,606 | 711 | 641 | 568 | 9.80 | 12.72 | 837 |
| | 13 | 26,440 | 34'10" | 44'4" | 31,863 | 765 | 690 | 611 | 10.62 | 13.54 | 900 |
| | 14 | 28,363 | 37'6" | 47'0" | 34,120 | 819 | 739 | 654 | 11.43 | 14.35 | 963 |
| | 15 | 30,286 | 40'2" | 49'8" | 36,377 | 873 | 788 | 697 | 12.24 | 15.16 | 1,026 |
| 36 | 5 | 13,381 | 13'6" | 23'11" | 16,700 | 401 | 361 | 321 | 4.09 | 7.27 | 473 |
| | 6 | 15,670 | 16'2" | 26'7" | 19,385 | 465 | 420 | 372 | 4.93 | 8.11 | 549 |
| | 7 | 17,959 | 18'10" | 29'3" | 22,071 | 530 | 478 | 424 | 5.74 | 8.92 | 625 |
| | 8 | 20,248 | 21'6" | 31'11" | 24,757 | 594 | 536 | 476 | 6.55 | 9.73 | 701 |
| | 9 | 22,537 | 24'2" | 34'7" | 27,443 | 659 | 594 | 527 | 7.37 | 10.55 | 777 |
| | 10 | 24,826 | 26'10" | 37'3" | 30,128 | 723 | 652 | 579 | 8.15 | 11.33 | 853 |
| | 11 | 27,115 | 29'6" | 39'11" | 32,814 | 788 | 710 | 630 | 8.99 | 12.17 | 929 |
| | 12 | 29,404 | 32'2" | 42'7" | 35,500 | 852 | 768 | 682 | 9.80 | 12.98 | 1,005 |
| | 13 | 31,693 | 34'10" | 45'3" | 38,186 | 917 | 826 | 734 | 10.62 | 13.80 | 1,081 |
| | 14 | 33,981 | 37'6" | 47'11" | 40,871 | 981 | 885 | 785 | 11.43 | 14.61 | 1,157 |
| | 15 | 36,270 | 40'2" | 50'7" | 43,557 | 1,046 | 943 | 837 | 12.24 | 15.42 | 1,233 |
| 42 | 6 | 21,950 | 16'2" | 28'4" | 27,111 | 651 | 587 | 521 | 4.93 | 8.62 | 768 |
| | 7 | 25,065 | 18'10" | 31'0" | 30,766 | 739 | 666 | 591 | 5.74 | 9.43 | 871 |
| | 8 | 28,180 | 21'6" | 33'8" | 34,422 | 827 | 745 | 661 | 6.55 | 10.24 | 975 |
| | 9 | 31,295 | 24'2" | 36'4" | 38,077 | 914 | 824 | 731 | 7.37 | 11.06 | 1,078 |
| | 10 | 34,410 | 26'10" | 39'0" | 41,733 | 1,002 | 903 | 802 | 8.15 | 11.87 | 1,182 |
| | 11 | 37,525 | 29'6" | 41'8" | 45,389 | 1,090 | 982 | 872 | 8.99 | 12.68 | 1,285 |
| | 12 | 40,640 | 32'2" | 44'4" | 49,044 | 1,178 | 1,061 | 942 | 9.80 | 13.49 | 1,389 |
| | 13 | 43,755 | 34'10" | 47'0" | 52,700 | 1,265 | 1,140 | 1,012 | 10.62 | 14.31 | 1,492 |
| | 14 | 46,870 | 37'6" | 49'8" | 56,355 | 1,353 | 1,220 | 1,083 | 11.43 | 15.12 | 1,596 |
| | 15 | 49,985 | 40'2" | 52'4" | 60,011 | 1,441 | 1,299 | 1,153 | 12.24 | 15.93 | 1,699 |
| 48 | 6 | 29,480 | 16'2" | 30'1" | 36,357 | 873 | 787 | 698 | 4.93 | 9.15 | 1,030 |
| | 7 | 33,548 | 18'10" | 32'9" | 41,132 | 988 | 890 | 790 | 5.74 | 9.97 | 1,165 |
| | 8 | 37,616 | 21'6" | 35'5" | 45,906 | 1,102 | 993 | 882 | 6.55 | 10.78 | 1,300 |
| | 9 | 41,684 | 24'2" | 38'1" | 50,681 | 1,217 | 1,097 | 974 | 7.37 | 11.59 | 1,435 |
| | 10 | 45,752 | 26'10" | 40'9" | 55,455 | 1,332 | 1,200 | 1,065 | 8.15 | 12.40 | 1,570 |
| | 11 | 49,820 | 29'6" | 43'5" | 60,230 | 1,446 | 1,303 | 1,157 | 8.99 | 13.22 | 1,706 |
| | 12 | 53,888 | 32'2" | 46'1" | 65,005 | 1,561 | 1,407 | 1,249 | 9.80 | 14.03 | 1,841 |
| | 13 | 57,957 | 34'10" | 48'9" | 69,779 | 1,676 | 1,510 | 1,341 | 10.62 | 14.84 | 1,976 |
| | 14 | 62,025 | 37'6" | 51'5" | 74,554 | 1,790 | 1,613 | 1,432 | 11.43 | 15.66 | 2,111 |

- All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot.
- Max. cubic feet and cubic meters based on 28 degree angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30 degree slope roofs.
- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m^3 (50 lb/ft^3)
  - Corn approximately 721 kg/m^3 (45 lb/ft^3)
  - Rice approximately 640 kg/m^3 (40 lb/ft^3).
- Other rings heights available in some diameters.

# UNSTIFFENED BINS - 4" CORRUGATION

## 4004



| KEY FEATURES | |
|---|---|
| DIAMETERS | 15' - 48' |
| PEAK LOAD (lbs.) | 6,000 |
| SNOW LOAD | 30 psf |
| DOME CAP | Standard |
| FLAT TOP | Optional |
| DOOR | 2-Ring Door Standard |
| TEMP CABLE BRACKETS | Optional 24' - 48' |

Popular with farmers across America, the 4004 is built on the legacy of the 4002 bin, with 4" wide corrugation, and is available in diameters ranging from 15' to 48' and 3 to 10 rings tall. Capacities range from 1,677 to 60,000 bushels.

# 4004 SPECIFICATIONS

40-SERIES GRAIN BINS

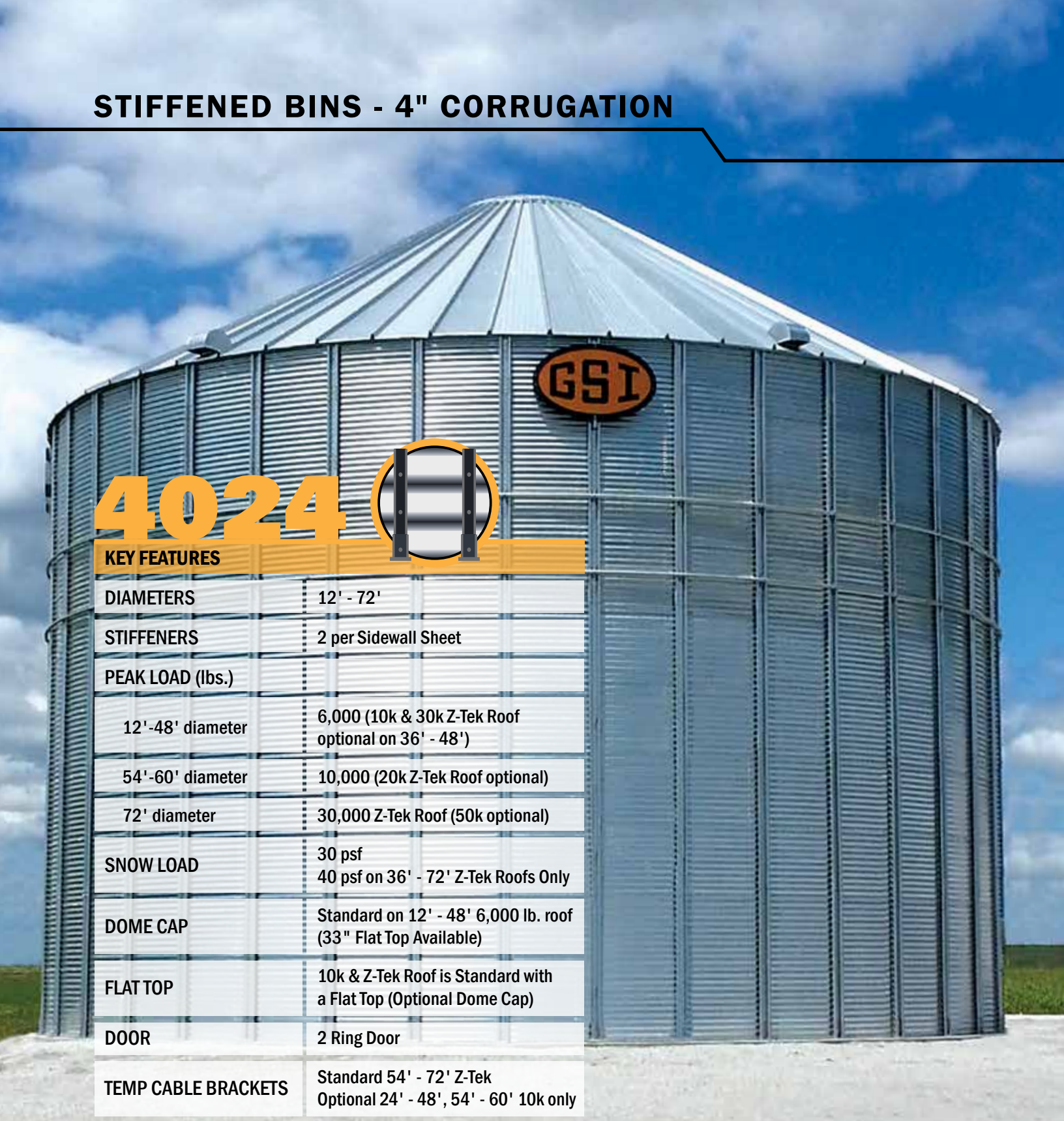
| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 3 | 1,698 | 11'1" | 15'5" | 2,168 | 52 | 47 | 42 | 3.38 | 4.69 | 61 |
| | 4 | 2,244 | 14'9" | 19'1" | 2,809 | 67 | 61 | 54 | 4.50 | 5.82 | 80 |
| | 5 | 2,791 | 18'5" | 22'9" | 3,450 | 83 | 75 | 66 | 5.61 | 6.95 | 98 |
| | 6 | 3,338 | 22'1" | 26'5" | 4,091 | 98 | 89 | 79 | 6.73 | 8.08 | 116 |
| | 7 | 3,883 | 25'9" | 30'1" | 4,732 | 114 | 102 | 91 | 7.85 | 9.21 | 134 |
| | 8 | 4,429 | 29'5" | 33'9" | 5,373 | 129 | 116 | 103 | 8.97 | 10.34 | 152 |
| 18 | 3 | 2,502 | 11'1" | 16'3" | 3,188 | 77 | 69 | 61 | 3.38 | 4.95 | 90 |
| | 4 | 3,288 | 14'9" | 19'11" | 4,111 | 99 | 89 | 79 | 4.50 | 6.07 | 116 |
| | 5 | 4,075 | 18'5" | 23'7" | 5,034 | 121 | 109 | 97 | 5.61 | 7.19 | 143 |
| | 6 | 4,862 | 22'1" | 27'3" | 5,958 | 143 | 129 | 114 | 6.73 | 8.31 | 169 |
| | 7 | 5,648 | 25'9" | 30'11" | 6,881 | 165 | 149 | 132 | 7.85 | 9.43 | 195 |
| | 8 | 6,435 | 29'5" | 34'7" | 7,804 | 187 | 169 | 150 | 8.97 | 10.55 | 221 |
| | 9 | 7,222 | 33'1" | 38'3" | 8,727 | 210 | 189 | 168 | 10.08 | 11.67 | 247 |
| 21 | 3 | 3,482 | 11'1" | 17'2" | 4,430 | 106 | 96 | 85 | 3.38 | 5.23 | 125 |
| | 4 | 4,553 | 14'9" | 20'10" | 5,686 | 137 | 123 | 109 | 4.50 | 6.35 | 161 |
| | 5 | 5,624 | 18'5" | 24'6" | 6,943 | 167 | 150 | 133 | 5.61 | 7.47 | 197 |
| | 6 | 6,695 | 22'1" | 28'2" | 8,200 | 197 | 177 | 158 | 6.73 | 8.59 | 232 |
| | 7 | 7,765 | 25'9" | 31'10" | 9,456 | 227 | 205 | 182 | 7.85 | 9.71 | 268 |
| | 8 | 8,836 | 29'5" | 35'6" | 10,713 | 257 | 232 | 206 | 8.97 | 10.83 | 303 |
| | 9 | 9,907 | 33'1" | 39'2" | 11,969 | 287 | 259 | 230 | 10.08 | 11.95 | 339 |
| 24 | 3 | 4,649 | 11'1" | 18'0" | 5,904 | 142 | 128 | 113 | 3.38 | 5.48 | 167 |
| | 4 | 6,048 | 14'9" | 21'8" | 7,545 | 181 | 163 | 145 | 4.50 | 6.60 | 214 |
| | 5 | 7,446 | 18'5" | 25'4" | 9,187 | 221 | 199 | 176 | 5.61 | 7.72 | 260 |
| | 6 | 8,845 | 22'1" | 29'0" | 10,828 | 260 | 234 | 208 | 6.73 | 8.84 | 307 |
| | 7 | 10,244 | 25'9" | 32'8" | 12,469 | 299 | 270 | 240 | 7.85 | 9.96 | 353 |
| | 8 | 11,642 | 29'5" | 36'4" | 14,111 | 339 | 305 | 271 | 8.97 | 11.08 | 400 |
| | 9 | 13,041 | 33'1" | 40'0" | 15,752 | 378 | 341 | 303 | 10.08 | 12.20 | 446 |
| | 10 | 14,439 | 36'9" | 43'8" | 17,393 | 418 | 376 | 334 | 11.20 | 13.32 | 493 |
| 27 | 3 | 6,012 | 11'1" | 18'11" | 7,622 | 183 | 165 | 146 | 3.38 | 5.66 | 216 |
| | 4 | 7,782 | 14'9" | 22'7" | 9,699 | 233 | 210 | 186 | 4.50 | 6.78 | 275 |
| | 5 | 9,552 | 18'5" | 26'3" | 11,777 | 283 | 255 | 226 | 5.61 | 7.90 | 333 |
| | 6 | 11,322 | 22'1" | 29'11" | 13,854 | 333 | 300 | 266 | 6.73 | 9.01 | 392 |
| | 7 | 13,092 | 25'9" | 33'7" | 15,931 | 383 | 345 | 306 | 7.85 | 10.14 | 451 |
| | 8 | 14,862 | 29'5" | 37'3" | 18,008 | 432 | 390 | 346 | 8.97 | 11.25 | 510 |
| | 9 | 16,632 | 33'1" | 40'11" | 20,086 | 482 | 435 | 386 | 10.08 | 12.37 | 569 |
| | 10 | 18,402 | 36'9" | 44'7" | 22,163 | 532 | 480 | 426 | 11.20 | 13.49 | 628 |
| 30 | 4 | 9,765 | 14'9" | 23'6" | 12,160 | 292 | 263 | 234 | 4.50 | 7.16 | 344 |
| | 5 | 11,950 | 18'5" | 27'2" | 14,724 | 354 | 319 | 283 | 5.61 | 8.27 | 417 |
| | 6 | 14,135 | 22'1" | 30'10" | 17,289 | 415 | 374 | 332 | 6.73 | 9.38 | 490 |
| | 7 | 16,321 | 25'9" | 34'6" | 19,853 | 477 | 430 | 381 | 7.85 | 10.49 | 562 |
| | 8 | 18,506 | 29'5" | 38'2" | 22,418 | 538 | 485 | 431 | 8.97 | 11.60 | 635 |
| | 9 | 20,691 | 33'1" | 41'10" | 24,982 | 600 | 541 | 480 | 10.08 | 12.71 | 707 |
| | 10 | 22,876 | 36'9" | 45'6" | 27,547 | 661 | 596 | 529 | 11.20 | 13.82 | 780 |
| 33 | 4 | 12,006 | 14'9" | 24'4" | 14,937 | 359 | 323 | 287 | 4.50 | 7.42 | 423 |
| | 5 | 14,651 | 18'5" | 28'0" | 18,040 | 433 | 390 | 347 | 5.61 | 8.55 | 511 |
| | 6 | 17,295 | 22'1" | 31'8" | 21,143 | 508 | 458 | 406 | 6.73 | 9.68 | 599 |
| | 7 | 19,939 | 25'9" | 35'4" | 24,246 | 582 | 525 | 466 | 7.85 | 10.81 | 687 |
| | 8 | 22,583 | 29'5" | 39'0" | 27,349 | 657 | 592 | 525 | 8.97 | 11.94 | 774 |
| | 9 | 25,227 | 33'1" | 42'8" | 30,452 | 731 | 659 | 585 | 10.08 | 13.07 | 862 |

# 4004 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 4 | 14,516 | 14'9" | 25'3" | 18,043 | 433 | 390 | 347 | 4.50 | 7.67 | 511 |
| | 5 | 17,662 | 18'5" | 28'11" | 21,735 | 522 | 470 | 418 | 5.61 | 8.79 | 615 |
| | 6 | 20,809 | 22'1" | 32'7" | 25,428 | 611 | 550 | 488 | 6.73 | 9.91 | 720 |
| | 7 | 23,956 | 25'9" | 36'3" | 29,121 | 699 | 630 | 559 | 7.85 | 11.02 | 825 |
| | 8 | 27,102 | 29'5" | 39'11" | 32,814 | 788 | 710 | 630 | 8.97 | 12.14 | 929 |
| | 9 | 30,249 | 33'1" | 43'7" | 36,507 | 877 | 790 | 701 | 10.08 | 13.26 | 1,034 |
| | 10 | 33,396 | 36'9" | 47'3" | 40,200 | 965 | 870 | 772 | 11.20 | 14.38 | 1,138 |
| 42 | 4 | 20,375 | 14'9" | 27'0" | 25,283 | 607 | 547 | 486 | 4.50 | 8.20 | 716 |
| | 5 | 24,658 | 18'5" | 30'8" | 30,309 | 728 | 656 | 582 | 5.61 | 9.32 | 858 |
| | 6 | 28,941 | 22'1" | 34'4" | 35,336 | 848 | 765 | 679 | 6.73 | 10.44 | 1,001 |
| | 7 | 33,224 | 25'9" | 38'0" | 40,362 | 969 | 873 | 775 | 7.85 | 11.56 | 1,143 |
| | 8 | 37,507 | 29'5" | 41'8" | 45,389 | 1,090 | 982 | 872 | 8.97 | 12.68 | 1,285 |
| | 9 | 41,790 | 33'1" | 45'4" | 50,415 | 1,211 | 1,091 | 969 | 10.08 | 13.80 | 1,428 |
| | 10 | 46,073 | 36'9" | 49'0" | 55,441 | 1,331 | 1,200 | 1,065 | 11.20 | 14.92 | 1,570 |
| 48 | 4 | 27,419 | 14'9" | 28'9" | 33,970 | 816 | 735 | 653 | 4.50 | 8.76 | 962 |
| | 5 | 33,014 | 18'5" | 32'5" | 40,535 | 973 | 877 | 779 | 5.61 | 9.88 | 1,148 |
| | 6 | 38,608 | 22'1" | 36'1" | 47,100 | 1,131 | 1,019 | 905 | 6.73 | 11.00 | 1,334 |
| | 7 | 44,202 | 25'9" | 39'9" | 53,665 | 1,289 | 1,161 | 1,031 | 7.85 | 12.12 | 1,520 |
| | 8 | 49,796 | 29'5" | 43'5" | 60,230 | 1,446 | 1,303 | 1,157 | 8.97 | 13.24 | 1,706 |
| | 9 | 55,539 | 33'1" | 47'1" | 66,795 | 1,604 | 1,446 | 1,283 | 10.08 | 14.36 | 1,891 |
| | 10 | 60,984 | 36'9" | 50'9" | 73,360 | 1,761 | 1,588 | 1,409 | 11.20 | 15.48 | 2,077 |

- All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot.
- Max. cubic feet and cubic meters based on 28 degree angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30 degree slope roofs.
- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m^3 (50 lb/ft^3)
  - Corn approximately 721 kg/m^3 (45 lb/ft^3)
  - Rice approximately 640 kg/m^3 (40 lb/ft^3).
- Other rings heights available in some diameters.

# STIFFENED BINS - 4" CORRUGATION




## 4024



| KEY FEATURES | |
|---|---|
| DIAMETERS | 12' - 72' |
| STIFFENERS | 2 per Sidewall Sheet |
| PEAK LOAD (lbs.) | |
| 12'-48' diameter | 6,000 (10k & 30k Z-Tek Roof optional on 36' - 48') |
| 54'-60' diameter | 10,000 (20k Z-Tek Roof optional) |
| 72' diameter | 30,000 Z-Tek Roof (50k optional) |
| SNOW LOAD | 30 psf<br>40 psf on 36' - 72' Z-Tek Roofs Only |
| DOME CAP | Standard on 12' - 48' 6,000 lb. roof (33" Flat Top Available) |
| FLAT TOP | 10k & Z-Tek Roof is Standard with a Flat Top (Optional Dome Cap) |
| DOOR | 2 Ring Door |
| TEMP CABLE BRACKETS | Standard 54' - 72' Z-Tek<br>Optional 24' - 48', 54' - 60' 10k only |

GSI stiffened bins use vertical stiffeners to channel the load of the bin to the foundation more effectively. The 4024 grain bin will match the corrugation of your other farm bins while adding storage capacity never seen before in a GSI 4'' bin. If you have limited space available, the 4024 can be built up to 21 rings tall so you won't lose needed capacity with a smaller diameter. With the option of a 72' diameter, the 4024 is designed to expand as your operation grows.

# 4024 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 3 | 1,061 | 11'1" | 14'7" | 1,358 | 33 | 29 | 26 | 3.38 | 4.45 | 38 |
| | 4 | 1,411 | 14'9" | 18'3" | 1,768 | 42 | 38 | 34 | 4.50 | 5.56 | 50 |
| | 5 | 1,761 | 18'5" | 21'11" | 2,178 | 52 | 47 | 42 | 5.61 | 6.68 | 62 |
| | 6 | 2,110 | 22'1" | 25'7" | 2,589 | 62 | 56 | 50 | 6.73 | 7.79 | 73 |
| | 7 | 2,460 | 25'9" | 29'3" | 2,999 | 72 | 65 | 58 | 7.85 | 8.91 | 85 |
| | 8 | 2,810 | 29'5" | 32'11" | 3,409 | 82 | 74 | 65 | 8.97 | 10.03 | 97 |
| | 9 | 3,159 | 33'1" | 36'7" | 3,820 | 92 | 83 | 73 | 10.08 | 11.15 | 108 |
| | 10 | 3,509 | 36'9" | 40'3" | 4,230 | 102 | 92 | 81 | 11.20 | 12.26 | 120 |
| | 11 | 3,859 | 40'5" | 43'11" | 4,640 | 111 | 100 | 89 | 12.32 | 13.68 | 131 |
| | 12 | 4,208 | 44'1" | 47'7" | 5,051 | 121 | 109 | 97 | 13.44 | 14.50 | 143 |
| | 13 | 4,558 | 47'9" | 51'3" | 5,461 | 131 | 118 | 105 | 14.55 | 15.62 | 155 |
| 15 | 3 | 1,698 | 11'1" | 15'5" | 2,168 | 52 | 47 | 42 | 3.38 | 4.69 | 61 |
| | 4 | 2,244 | 14'9" | 19'1" | 2,809 | 67 | 61 | 54 | 4.50 | 5.82 | 80 |
| | 5 | 2,791 | 18'5" | 22'9" | 3,450 | 83 | 75 | 66 | 5.61 | 6.95 | 98 |
| | 6 | 3,338 | 22'1" | 26'5" | 4,091 | 98 | 89 | 79 | 6.73 | 8.08 | 116 |
| | 7 | 3,883 | 25'9" | 30'1" | 4,732 | 114 | 102 | 91 | 7.85 | 9.21 | 134 |
| | 8 | 4,429 | 29'5" | 33'9" | 5,373 | 129 | 116 | 103 | 8.97 | 10.34 | 152 |
| | 9 | 4,976 | 33'1" | 37'5" | 6,014 | 144 | 130 | 116 | 10.08 | 11.47 | 170 |
| | 10 | 5,522 | 36'9" | 41'1" | 6,655 | 160 | 144 | 128 | 11.20 | 12.60 | 188 |
| | 11 | 6,068 | 40'5" | 44'9" | 7,297 | 175 | 158 | 140 | 12.32 | 13.73 | 207 |
| | 12 | 6,615 | 44'1" | 48'5" | 7,938 | 191 | 172 | 152 | 13.44 | 14.86 | 225 |
| | 13 | 7,161 | 47'9" | 52'1" | 8,579 | 206 | 186 | 165 | 14.55 | 15.99 | 243 |
| 18 | 3 | 2,502 | 11'1" | 16'3" | 3,188 | 77 | 69 | 61 | 3.38 | 4.95 | 90 |
| | 4 | 3,288 | 14'9" | 19'11" | 4,111 | 99 | 89 | 79 | 4.50 | 6.07 | 116 |
| | 5 | 4,075 | 18'5" | 23'7" | 5,034 | 121 | 109 | 97 | 5.61 | 7.19 | 143 |
| | 6 | 4,862 | 22'1" | 27'3" | 5,958 | 143 | 129 | 114 | 6.73 | 8.31 | 169 |
| | 7 | 5,648 | 25'9" | 30'11" | 6,881 | 165 | 149 | 132 | 7.85 | 9.43 | 195 |
| | 8 | 6,435 | 29'5" | 34'7" | 7,804 | 187 | 169 | 150 | 8.97 | 10.55 | 221 |
| | 9 | 7,222 | 33'1" | 38'3" | 8,727 | 210 | 189 | 168 | 10.08 | 11.67 | 247 |
| | 10 | 8,009 | 36'9" | 41'11" | 9,650 | 232 | 209 | 185 | 11.20 | 12.79 | 273 |
| | 11 | 8,795 | 40'5" | 45'7" | 10,574 | 254 | 229 | 203 | 12.32 | 13.91 | 299 |
| | 12 | 9,582 | 44'1" | 49'3" | 11,497 | 276 | 249 | 221 | 13.44 | 15.03 | 326 |
| | 13 | 10,369 | 47'9" | 52'11" | 12,420 | 298 | 269 | 239 | 14.55 | 16.15 | 352 |
| 21 | 3 | 3,482 | 11'1" | 17'2" | 4,430 | 106 | 96 | 85 | 3.38 | 5.23 | 125 |
| | 4 | 4,553 | 14'9" | 20'10" | 5,686 | 137 | 123 | 109 | 4.50 | 6.35 | 161 |
| | 5 | 5,624 | 18'5" | 24'6" | 6,943 | 167 | 150 | 133 | 5.61 | 7.47 | 197 |
| | 6 | 6,695 | 22'1" | 28'2" | 8,200 | 197 | 177 | 158 | 6.73 | 8.59 | 232 |
| | 7 | 7,765 | 25'9" | 31'10" | 9,456 | 227 | 205 | 182 | 7.85 | 9.71 | 268 |
| | 8 | 8,836 | 29'5" | 35'6" | 10,713 | 257 | 232 | 206 | 8.97 | 10.83 | 303 |
| | 9 | 9,907 | 33'1" | 39'2" | 11,969 | 287 | 259 | 230 | 10.08 | 11.95 | 339 |
| | 10 | 10,978 | 36'9" | 42'10" | 13,226 | 318 | 286 | 254 | 11.20 | 13.07 | 375 |
| | 11 | 12,048 | 40'5" | 46'6" | 14,483 | 348 | 313 | 278 | 12.32 | 14.19 | 410 |
| | 12 | 13,119 | 44'1" | 50'2" | 15,739 | 378 | 341 | 302 | 13.44 | 15.31 | 446 |
| | 13 | 14,190 | 47'9" | 53'10" | 16,996 | 408 | 368 | 327 | 14.55 | 16.43 | 481 |
| 24 | 3 | 4,649 | 11'1" | 18'0" | 5,904 | 142 | 128 | 113 | 3.38 | 5.48 | 167 |
| | 4 | 6,048 | 14'9" | 21'8" | 7,545 | 181 | 163 | 145 | 4.50 | 6.60 | 214 |
| | 5 | 7,446 | 18'5" | 25'4" | 9,187 | 221 | 199 | 176 | 5.61 | 7.72 | 260 |
| | 6 | 8,845 | 22'1" | 29'0" | 10,828 | 260 | 234 | 208 | 6.73 | 8.84 | 307 |
| | 7 | 10,244 | 25'9" | 32'8" | 12,469 | 299 | 270 | 240 | 7.85 | 9.96 | 353 |
| | 8 | 11,642 | 29'5" | 36'4" | 14,111 | 339 | 305 | 271 | 8.97 | 11.08 | 400 |
| | 9 | 13,041 | 33'1" | 40'0" | 15,752 | 378 | 341 | 303 | 10.08 | 12.20 | 446 |
| | 10 | 14,439 | 36'9" | 43'8" | 17,393 | 418 | 376 | 334 | 11.20 | 13.32 | 493 |
| | 11 | 15,838 | 40'5" | 47'4" | 19,034 | 457 | 412 | 366 | 12.32 | 14.44 | 539 |
| | 12 | 17,236 | 44'1" | 51'0" | 20,676 | 496 | 447 | 397 | 13.44 | 15.56 | 585 |
| | 13 | 18,635 | 47'9" | 54'8" | 22,317 | 536 | 483 | 429 | 14.55 | 16.68 | 632 |

4024 - 27'-48' DIAMETERS CONTINUED ON PAGE 20-21 ►

# 4024 SPECIFICATIONS



◄ 4024 - 12'-24' DIAMETERS ON PAGE 19

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 3 | 6,012 | 11'1" | 18'11" | 7,622 | 183 | 165 | 146 | 3.38 | 5.66 | 216 |
| | 4 | 7,782 | 14'9" | 22'7" | 9,699 | 233 | 210 | 186 | 4.50 | 6.78 | 275 |
| | 5 | 9,552 | 18'5" | 26'3" | 11,777 | 283 | 255 | 226 | 5.61 | 7.90 | 333 |
| | 6 | 11,322 | 22'1" | 29'11" | 13,854 | 333 | 300 | 266 | 6.73 | 9.01 | 392 |
| | 7 | 13,092 | 25'9" | 33'7" | 15,931 | 383 | 345 | 306 | 7.85 | 10.14 | 451 |
| | 8 | 14,862 | 29'5" | 37'3" | 18,008 | 432 | 390 | 346 | 8.97 | 11.25 | 510 |
| | 9 | 16,632 | 33'1" | 40'11" | 20,086 | 482 | 435 | 386 | 10.08 | 12.37 | 569 |
| | 10 | 18,402 | 36'9" | 44'7" | 22,163 | 532 | 480 | 426 | 11.20 | 13.49 | 628 |
| | 11 | 20,172 | 40'5" | 48'3" | 24,240 | 582 | 525 | 466 | 12.32 | 14.61 | 686 |
| | 12 | 21,942 | 44'1" | 51'11" | 26,317 | 632 | 570 | 506 | 13.44 | 15.72 | 745 |
| | 13 | 23,712 | 47'9" | 55'7" | 28,395 | 682 | 614 | 545 | 14.55 | 16.87 | 804 |
| 30 | 3 | 7,580 | 11'1" | 19'10" | 9,595 | 230 | 208 | 184 | 3.38 | 6.05 | 272 |
| | 4 | 9,765 | 14'9" | 23'6" | 12,160 | 292 | 263 | 234 | 4.50 | 7.16 | 344 |
| | 5 | 11,950 | 18'5" | 27'2" | 14,724 | 354 | 319 | 283 | 5.61 | 8.27 | 417 |
| | 6 | 14,135 | 22'1" | 30'10" | 17,289 | 415 | 374 | 332 | 6.73 | 9.38 | 490 |
| | 7 | 16,321 | 25'9" | 34'6" | 19,853 | 477 | 430 | 381 | 7.85 | 10.49 | 562 |
| | 8 | 18,506 | 29'5" | 38'2" | 22,418 | 538 | 485 | 431 | 8.97 | 11.60 | 635 |
| | 9 | 20,691 | 33'1" | 41'10" | 24,982 | 600 | 541 | 480 | 10.08 | 12.71 | 707 |
| | 10 | 22,876 | 36'9" | 45'6" | 27,547 | 661 | 596 | 529 | 11.20 | 13.82 | 780 |
| | 11 | 25,061 | 40'5" | 49'2" | 30,111 | 723 | 652 | 578 | 12.32 | 14.93 | 853 |
| | 12 | 27,247 | 44'1" | 52'10" | 32,676 | 785 | 707 | 628 | 13.44 | 16.04 | 925 |
| | 13 | 29,432 | 47'9" | 56'6" | 35,240 | 846 | 763 | 677 | 14.56 | 17.15 | 998 |
| | 14 | 31,617 | 51'5" | 60'2" | 37,805 | 908 | 818 | 726 | 15.68 | 18.26 | 1,071 |
| | 15 | 33,802 | 55'1" | 63'10" | 40,369 | 969 | 874 | 776 | 16.80 | 19.37 | 1,143 |
| | 16 | 35,987 | 58'9" | 67'6" | 42,934 | 1,031 | 929 | 825 | 17.92 | 20.48 | 1,216 |
| | 17 | 38,173 | 62'5" | 71'2" | 45,498 | 1,092 | 985 | 874 | 19.04 | 21.59 | 1,288 |
| | 18 | 40,358 | 66'1" | 74'10" | 48,063 | 1,154 | 1,040 | 923 | 20.16 | 22.70 | 1,361 |
| | 19 | 42,543 | 69'9" | 78'6" | 50,627 | 1,216 | 1,096 | 973 | 21.28 | 23.81 | 1,434 |
| | 20 | 44,728 | 73'5" | 82'2" | 53,192 | 1,277 | 1,151 | 1,022 | 22.40 | 24.92 | 1,506 |
| | 21 | 46,913 | 77'1" | 85'10" | 55,756 | 1,339 | 1,207 | 1,071 | 23.52 | 26.03 | 1,579 |
| 33 | 3 | 9,362 | 11'1" | 20'8" | 11,834 | 284 | 256 | 227 | 3.38 | 6.29 | 335 |
| | 4 | 12,006 | 14'9" | 24'4" | 14,937 | 359 | 323 | 287 | 4.50 | 7.42 | 423 |
| | 5 | 14,651 | 18'5" | 28'0" | 18,040 | 433 | 390 | 347 | 5.61 | 8.55 | 511 |
| | 6 | 17,295 | 22'1" | 31'8" | 21,143 | 508 | 458 | 406 | 6.73 | 9.68 | 599 |
| | 7 | 19,939 | 25'9" | 35'4" | 24,246 | 582 | 525 | 466 | 7.85 | 10.81 | 687 |
| | 8 | 22,583 | 29'5" | 39'0" | 27,349 | 657 | 592 | 525 | 8.97 | 11.94 | 774 |
| | 9 | 25,227 | 33'1" | 42'8" | 30,452 | 731 | 659 | 585 | 10.08 | 13.07 | 862 |
| | 10 | 27,871 | 36'9" | 46'4" | 33,555 | 806 | 726 | 645 | 11.20 | 14.20 | 950 |
| | 11 | 30,515 | 40'5" | 50'0" | 36,658 | 880 | 793 | 704 | 12.32 | 15.33 | 1,038 |
| | 12 | 33,159 | 44'1" | 53'8" | 39,761 | 955 | 860 | 764 | 13.44 | 16.46 | 1,126 |
| | 13 | 35,803 | 47'9" | 57'4" | 42,864 | 1,029 | 928 | 823 | 14.56 | 17.59 | 1,214 |
| | 14 | 38,447 | 51'5" | 61'0" | 45,967 | 1,104 | 995 | 883 | 15.68 | 18.72 | 1,302 |
| | 15 | 41,091 | 55'1" | 64'8" | 49,070 | 1,178 | 1,062 | 943 | 16.80 | 19.85 | 1,390 |
| | 16 | 43,735 | 58'9" | 68'4" | 52,174 | 1,253 | 1,129 | 1,002 | 17.92 | 20.98 | 1,477 |
| | 17 | 46,380 | 62'5" | 72'0" | 55,277 | 1,327 | 1,196 | 1,062 | 19.04 | 22.11 | 1,565 |
| | 18 | 49,024 | 66'1" | 75'8" | 58,380 | 1,402 | 1,263 | 1,122 | 20.16 | 23.24 | 1,653 |
| | 19 | 51,668 | 69'9" | 79'4" | 61,483 | 1,476 | 1,331 | 1,181 | 21.28 | 24.37 | 1,741 |
| | 20 | 54,312 | 73'5" | 83'0" | 64,586 | 1,551 | 1,398 | 1,241 | 22.40 | 25.50 | 1,829 |
| | 21 | 56,956 | 77'1" | 86'8" | 67,689 | 1,625 | 1,465 | 1,300 | 23.52 | 26.63 | 1,917 |

# 4024 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 3 | 11,369 | 11'1" | 21'7" | 14,350 | 345 | 311 | 276 | 3.38 | 6.55 | 406 |
| | 4 | 14,516 | 14'9" | 25'3" | 18,043 | 433 | 390 | 347 | 4.50 | 7.67 | 511 |
| | 5 | 17,662 | 18'5" | 28'11" | 21,735 | 522 | 470 | 418 | 5.61 | 8.79 | 615 |
| | 6 | 20,809 | 22'1" | 32'7" | 25,428 | 611 | 550 | 488 | 6.73 | 9.91 | 720 |
| | 7 | 23,956 | 25'9" | 36'3" | 29,121 | 699 | 630 | 559 | 7.85 | 11.02 | 825 |
| | 8 | 27,102 | 29'5" | 39'11" | 32,814 | 788 | 710 | 630 | 8.97 | 12.14 | 929 |
| | 9 | 30,249 | 33'1" | 43'7" | 36,507 | 877 | 790 | 701 | 10.08 | 13.26 | 1,034 |
| | 10 | 33,396 | 36'9" | 47'3" | 40,200 | 965 | 870 | 772 | 11.20 | 14.38 | 1,138 |
| | 11 | 36,542 | 40'5" | 50'11" | 43,893 | 1,054 | 950 | 843 | 12.32 | 15.49 | 1,243 |
| | 12 | 39,689 | 44'1" | 54'7" | 47,586 | 1,143 | 1,030 | 914 | 13.44 | 16.61 | 1,347 |
| | 13 | 42,836 | 47'9" | 58'3" | 51,279 | 1,231 | 1,110 | 985 | 14.56 | 17.73 | 1,452 |
| | 14 | 45,982 | 51'5" | 61'11" | 54,971 | 1,320 | 1,190 | 1,056 | 15.68 | 18.85 | 1,557 |
| | 15 | 49,129 | 55'1" | 65'7" | 58,664 | 1,409 | 1,270 | 1,127 | 16.80 | 19.96 | 1,661 |
| | 16 | 52,276 | 58'9" | 69'3" | 62,357 | 1,497 | 1,349 | 1,198 | 17.92 | 21.08 | 1,766 |
| | 17 | 55,422 | 62'5" | 72'11" | 66,050 | 1,586 | 1,429 | 1,269 | 19.04 | 22.20 | 1,870 |
| | 18 | 58,569 | 66'1" | 76'7" | 69,743 | 1,675 | 1,509 | 1,340 | 20.16 | 23.32 | 1,975 |
| | 19 | 61,716 | 69'9" | 80'3" | 73,436 | 1,763 | 1,589 | 1,411 | 21.28 | 24.44 | 2,079 |
| | 20 | 64,862 | 73'5" | 83'11" | 77,129 | 1,852 | 1,669 | 1,482 | 22.40 | 25.56 | 2,184 |
| | 21 | 68,009 | 77'1" | 87'7" | 80,822 | 1,941 | 1,749 | 1,553 | 23.52 | 26.68 | 2,289 |
| 42 | 3 | 16,092 | 11'1" | 23'4" | 20,256 | 486 | 438 | 389 | 3.38 | 7.10 | 574 |
| | 4 | 20,375 | 14'9" | 27'0" | 25,283 | 607 | 547 | 486 | 4.50 | 8.20 | 716 |
| | 5 | 24,658 | 18'5" | 30'8" | 30,309 | 728 | 656 | 582 | 5.61 | 9.32 | 858 |
| | 6 | 28,941 | 22'1" | 34'4" | 35,336 | 848 | 765 | 679 | 6.73 | 10.44 | 1,001 |
| | 7 | 33,224 | 25'9" | 38'0" | 40,362 | 969 | 873 | 775 | 7.85 | 11.56 | 1,143 |
| | 8 | 37,507 | 29'5" | 41'8" | 45,389 | 1,090 | 982 | 872 | 8.97 | 12.68 | 1,285 |
| | 9 | 41,790 | 33'1" | 45'4" | 50,415 | 1,211 | 1,091 | 969 | 10.08 | 13.80 | 1,428 |
| | 10 | 46,073 | 36'9" | 49'0" | 55,441 | 1,331 | 1,200 | 1,065 | 11.20 | 14.92 | 1,570 |
| | 11 | 50,356 | 40'5" | 52'8" | 60,468 | 1,452 | 1,309 | 1,162 | 12.32 | 16.04 | 1,712 |
| | 12 | 54,639 | 44'1" | 56'4" | 65,494 | 1,573 | 1,417 | 1,258 | 13.44 | 17.15 | 1,855 |
| | 13 | 58,922 | 47'9" | 60'0" | 70,521 | 1,693 | 1,526 | 1,355 | 14.56 | 18.27 | 1,997 |
| | 14 | 63,205 | 51'5" | 62'8" | 75,547 | 1,814 | 1,635 | 1,451 | 15.68 | 19.08 | 2,139 |
| | 15 | 67,488 | 55'1" | 66'4" | 80,574 | 1,935 | 1,744 | 1,548 | 16.79 | 20.20 | 2,282 |
| | 16 | 71,771 | 58'9" | 70'0" | 85,600 | 2,055 | 1,852 | 1,644 | 17.91 | 21.32 | 2,424 |
| | 17 | 76,054 | 62'5" | 73'8" | 90,627 | 2,176 | 1,961 | 1,741 | 19.02 | 22.44 | 2,566 |
| | 18 | 80,337 | 66'1" | 77'4" | 95,653 | 2,297 | 2,070 | 1,838 | 20.14 | 23.55 | 2,709 |
| | 19 | 84,620 | 69'9" | 81'0" | 100,679 | 2,417 | 2,179 | 1,934 | 21.26 | 24.67 | 2,851 |
| | 20 | 88,903 | 73'5" | 84'8" | 105,706 | 2,538 | 2,288 | 2,031 | 22.38 | 25.79 | 2,993 |
| | 21 | 93,186 | 77'1" | 88'4" | 110,732 | 2,659 | 2,396 | 2,127 | 23.50 | 26.91 | 3,136 |
| 48 | 3 | 21,825 | 11'1" | 25'1" | 27,404 | 658 | 593 | 526 | 3.39 | 7.64 | 776 |
| | 4 | 27,419 | 14'9" | 28'9" | 33,970 | 816 | 735 | 653 | 4.50 | 8.76 | 962 |
| | 5 | 33,014 | 18'5" | 32'5" | 40,535 | 973 | 877 | 779 | 5.61 | 9.88 | 1,148 |
| | 6 | 38,608 | 22'1" | 36'1" | 47,100 | 1,131 | 1,019 | 905 | 6.73 | 11.00 | 1,334 |
| | 7 | 44,202 | 25'9" | 39'9" | 53,665 | 1,289 | 1,161 | 1,031 | 7.85 | 12.12 | 1,520 |
| | 8 | 49,796 | 29'5" | 43'5" | 60,230 | 1,446 | 1,303 | 1,157 | 8.97 | 13.24 | 1,706 |
| | 9 | 55,539 | 33'1" | 47'1" | 66,795 | 1,604 | 1,446 | 1,283 | 10.08 | 14.36 | 1,891 |
| | 10 | 60,984 | 36'9" | 50'9" | 73,360 | 1,761 | 1,588 | 1,409 | 11.20 | 15.48 | 2,077 |
| | 11 | 66,578 | 40'5" | 54'5" | 79,925 | 1,919 | 1,730 | 1,535 | 12.32 | 16.57 | 2,263 |
| | 12 | 72,172 | 44'1" | 58'1" | 86,491 | 2,077 | 1,872 | 1,662 | 13.44 | 17.69 | 2,449 |
| | 13 | 77,766 | 47'9" | 61'9" | 93,056 | 2,234 | 2,014 | 1,788 | 14.56 | 18.81 | 2,635 |
| | 14 | 83,360 | 51'5" | 64'5" | 99,621 | 2,392 | 2,156 | 1,914 | 15.68 | 19.63 | 2,821 |
| | 15 | 88,954 | 55'1" | 68'1" | 106,186 | 2,550 | 2,298 | 2,040 | 16.79 | 20.74 | 3,007 |
| | 16 | 94,548 | 58'9" | 71'9" | 112,751 | 2,707 | 2,440 | 2,166 | 17.91 | 21.86 | 3,193 |
| | 17 | 100,143 | 62'5" | 75'5" | 119,316 | 2,865 | 2,582 | 2,292 | 19.02 | 22.98 | 3,379 |
| | 18 | 105,737 | 66'1" | 79'1" | 125,881 | 3,023 | 2,724 | 2,418 | 20.14 | 24.10 | 3,565 |
| | 19 | 111,331 | 69'9" | 82'9" | 132,447 | 3,180 | 2,866 | 2,544 | 21.26 | 25.22 | 3,750 |
| | 20 | 116,925 | 73'5" | 86'5" | 139,012 | 3,338 | 3,008 | 2,671 | 22.38 | 26.33 | 3,936 |
| | 21 | 122,519 | 77'1" | 90'1" | 145,577 | 3,496 | 3,150 | 2,797 | 23.50 | 27.45 | 4,122 |

4024 - 54'-72' DIAMETERS CONTINUED ON PAGE 22 ►

# 4024 SPECIFICATIONS



◄ 4024 - 27'-48' DIAMETERS ON PAGE 20-21

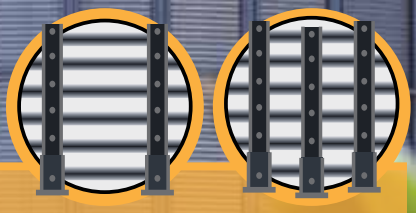
| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) 12" PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 3 | 28,644 | 11'1" | 25'5" | 35,882 | 862 | 777 | 689 | 3.39 | 7.74 | 1,016 |
| | 4 | 35,724 | 14'9" | 29'1" | 44,191 | 1,061 | 956 | 849 | 4.50 | 8.86 | 1,251 |
| | 5 | 42,804 | 18'5" | 32'9" | 52,500 | 1,261 | 1,136 | 1,009 | 5.61 | 9.98 | 1,487 |
| | 6 | 49,884 | 22'1" | 36'5" | 60,809 | 1,460 | 1,316 | 1,168 | 6.73 | 11.09 | 1,722 |
| | 7 | 56,964 | 25'9" | 40'1" | 69,118 | 1,660 | 1,496 | 1,328 | 7.85 | 12.21 | 1,957 |
| | 8 | 64,044 | 29'5" | 43'9" | 77,427 | 1,859 | 1,676 | 1,487 | 8.97 | 13.33 | 2,192 |
| | 9 | 71,124 | 33'1" | 47'5" | 85,736 | 2,059 | 1,855 | 1,647 | 10.08 | 14.45 | 2,428 |
| | 10 | 78,204 | 36'9" | 51'1" | 94,045 | 2,258 | 2,035 | 1,807 | 11.20 | 15.56 | 2,663 |
| | 11 | 85,284 | 40'5" | 54'9" | 102,354 | 2,458 | 2,215 | 1,966 | 12.32 | 16.68 | 2,898 |
| | 12 | 92,364 | 44'1" | 58'5" | 110,663 | 2,657 | 2,395 | 2,126 | 13.44 | 17.80 | 3,134 |
| | 13 | 99,444 | 47'9" | 62'1" | 118,972 | 2,857 | 2,575 | 2,286 | 14.56 | 18.92 | 3,369 |
| | 14 | 106,524 | 51'5" | 65'9" | 127,281 | 3,056 | 2,755 | 2,445 | 15.68 | 20.03 | 3,604 |
| | 15 | 113,604 | 55'1" | 69'5" | 135,590 | 3,256 | 2,934 | 2,605 | 16.81 | 21.15 | 3,839 |
| | 16 | 120,684 | 58'9" | 73'1" | 143,899 | 3,455 | 3,114 | 2,764 | 17.92 | 22.27 | 4,075 |
| | 17 | 127,764 | 62'5" | 76'9" | 152,208 | 3,655 | 3,294 | 2,924 | 19.03 | 23.39 | 4,310 |
| | 18 | 134,844 | 66'1" | 80'5" | 160,517 | 3,854 | 3,474 | 3,084 | 20.14 | 24.50 | 4,545 |
| | 19 | 141,924 | 69'9" | 84'1" | 168,826 | 4,054 | 3,654 | 3,243 | 21.25 | 25.62 | 4,781 |
| | 20 | 149,004 | 73'5" | 87'9" | 177,135 | 4,253 | 3,833 | 3,403 | 22.36 | 26.74 | 5,016 |
| | 21 | 156,084 | 77'1" | 91'5" | 185,444 | 4,453 | 4,013 | 3,563 | 23.47 | 27.86 | 5,251 |
| 60 | 3 | 36,624 | 11'1" | 27'2" | 45,779 | 1,099 | 991 | 879 | 3.39 | 8.28 | 1,296 |
| | 4 | 45,365 | 14'9" | 30'10" | 56,037 | 1,346 | 1,213 | 1,077 | 4.50 | 9.40 | 1,587 |
| | 5 | 54,105 | 18'5" | 34'6" | 66,295 | 1,592 | 1,435 | 1,274 | 5.61 | 10.52 | 1,877 |
| | 6 | 62,846 | 22'1" | 38'2" | 76,553 | 1,838 | 1,657 | 1,471 | 6.73 | 11.63 | 2,168 |
| | 7 | 71,587 | 25'9" | 41'10" | 86,811 | 2,084 | 1,879 | 1,668 | 7.85 | 12.75 | 2,458 |
| | 8 | 80,328 | 29'5" | 45'6" | 97,069 | 2,331 | 2,101 | 1,865 | 8.97 | 13.87 | 2,749 |
| | 9 | 89,068 | 33'1" | 49'2" | 107,327 | 2,577 | 2,323 | 2,062 | 10.08 | 14.99 | 3,039 |
| | 10 | 97,809 | 36'9" | 52'10" | 117,585 | 2,823 | 2,545 | 2,259 | 11.20 | 16.11 | 3,330 |
| | 11 | 106,550 | 40'5" | 56'6" | 127,843 | 3,070 | 2,767 | 2,456 | 12.32 | 17.22 | 3,620 |
| | 12 | 115,291 | 44'1" | 60'2" | 138,101 | 3,316 | 2,989 | 2,653 | 13.44 | 18.34 | 3,911 |
| | 13 | 124,031 | 47'9" | 63'10" | 148,359 | 3,562 | 3,211 | 2,850 | 14.56 | 19.46 | 4,201 |
| | 14 | 132,772 | 51'5" | 67'6" | 158,617 | 3,809 | 3,433 | 3,047 | 15.70 | 20.58 | 4,492 |
| | 15 | 141,513 | 55'1" | 71'2" | 168,875 | 4,055 | 3,655 | 3,244 | 16.81 | 21.69 | 4,782 |
| | 16 | 150,254 | 58'9" | 74'10" | 179,133 | 4,301 | 3,877 | 3,441 | 17.93 | 22.81 | 5,072 |
| | 17 | 158,994 | 62'5" | 78'6" | 189,391 | 4,548 | 4,099 | 3,638 | 19.03 | 23.93 | 5,363 |
| | 18 | 167,735 | 66'1" | 82'2" | 199,649 | 4,794 | 4,321 | 3,835 | 20.14 | 25.05 | 5,653 |
| | 19 | 176,476 | 69'9" | 85'10" | 209,907 | 5,040 | 4,543 | 4,032 | 21.25 | 26.16 | 5,944 |
| | 20 | 185,217 | 73'5" | 89'6" | 220,165 | 5,287 | 4,765 | 4,230 | 22.36 | 27.28 | 6,234 |
| | 21 | 193,957 | 77'1" | 93'2" | 230,423 | 5,533 | 4,987 | 4,427 | 23.47 | 28.40 | 6,525 |
| 72 | 8 | 119,303 | 29'5" | 48'0" | 144,041 | 3,459 | 3,117 | 2,767 | 8.97 | 14.63 | 4,079 |
| | 9 | 131,890 | 33'1" | 51'8" | 158,812 | 3,813 | 3,437 | 3,051 | 10.08 | 15.74 | 4,497 |
| | 10 | 144,476 | 36'9" | 55'4" | 173,584 | 4,168 | 3,757 | 3,335 | 11.20 | 16.86 | 4,915 |
| | 11 | 157,063 | 40'5" | 59'0" | 188,355 | 4,523 | 4,076 | 3,618 | 12.32 | 17.98 | 5,334 |
| | 12 | 169,650 | 44'1" | 62'8" | 203,127 | 4,877 | 4,396 | 3,902 | 13.44 | 19.10 | 5,752 |
| | 13 | 182,236 | 47'9" | 66'4" | 217,898 | 5,232 | 4,716 | 4,186 | 14.56 | 20.21 | 6,170 |
| | 14 | 194,823 | 51'5" | 70'0" | 232,670 | 5,587 | 5,035 | 4,470 | 15.70 | 21.33 | 6,588 |
| | 15 | 207,410 | 55'1" | 73'8" | 247,442 | 5,941 | 5,355 | 4,754 | 16.81 | 22.45 | 7,007 |
| | 16 | 219,996 | 58'9" | 77'4" | 262,213 | 6,296 | 5,675 | 5,037 | 17.93 | 23.57 | 7,425 |
| | 17 | 232,583 | 62'5" | 81'0" | 276,985 | 6,651 | 5,994 | 5,321 | 19.03 | 24.68 | 7,843 |
| | 18 | 245,170 | 66'1" | 84'8" | 291,756 | 7,006 | 6,314 | 5,605 | 20.14 | 25.80 | 8,262 |
| | 19 | 257,757 | 69'9" | 88'4" | 306,528 | 7,360 | 6,634 | 5,889 | 21.25 | 26.92 | 8,690 |
| | 20 | 270,343 | 73'5" | 92'0" | 321,299 | 7,715 | 6,953 | 6,172 | 22.36 | 28.04 | 9,098 |
| | 21 | 282,930 | 77'1" | 95'8" | 336,071 | 8,070 | 7,273 | 6,456 | 23.47 | 29.15 | 9,516 |

- All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot.
- Max. cubic feet and cubic meters based on 28 degree angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30 degree slope roofs.
- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m^3 (50 lb/ft^3)
  - Corn approximately 721 kg/m^3 (45 lb/ft^3)
  - Rice approximately 640 kg/m^3 (40 lb/ft^3).
- Other rings heights available in some diameters.

# STIFFENED BINS - 2.66" CORRUGATION

The 4022 and the 4032 bins are the tallest, highest capacity bins offered by GSI. These stiffened bins are designed to support the needs of the largest operations and continued growth of your system.

## 4022
## 4032



| KEY FEATURES | |
|---|---|
| DIAMETERS | 18' - 135' |
| STIFFENERS | 2 or 3 per Sidewall Sheet |
| PEAK LOAD (lbs.) | |
| 18'-36' diameter | 6,000<br>(10k and 30k Z-Tek Roof optional on 36') |
| 42' & 48' diameter | 10,000 (30k Z-Tek Roof optional) |
| 54' & 60' diameter | 20,000 Z-Tek Roof |
| 72'-105' diameter | 30,000 Z-Tek Roof (50k optional) |
| 135' diameter | 50,000 Z-Tek Roof (75k optional) |
| SNOW LOAD | 6,000 & 10,000 lb. Roof is 30 psf<br>Roofs over 10,000 lb. are 40 psf |
| DOOR | 1 Ring, 2 Ring,<br>Vehicle Traffic Door (60' and larger) |
| TEMP CABLE BRACKETS | Standard in 54' - 135'<br>Optional 24' - 48' |

# 4022 & 4032 SPECIFICATIONS

40-SERIES GRAIN BINS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 12 | 7,222 | 32'2" | 37'3" | 8,475 | 204 | 183 | 163 | 9.80 | 11.37 | 240 |
| | 13 | 7,794 | 34'10" | 39'11" | 9,147 | 220 | 198 | 176 | 10.62 | 12.19 | 259 |
| | 14 | 8,366 | 37'5" | 42'7" | 9,818 | 236 | 212 | 189 | 11.43 | 13.00 | 278 |
| | 15 | 8,938 | 40'2" | 45'3" | 10,490 | 252 | 227 | 202 | 12.24 | 13.81 | 297 |
| | 16 | 9,510 | 42'10" | 47'11" | 11,161 | 268 | 242 | 214 | 13.06 | 14.63 | 316 |
| | 17 | 10,082 | 45'5" | 50'7" | 11,833 | 284 | 256 | 227 | 13.87 | 15.44 | 335 |
| | 18 | 10,655 | 48'2" | 53'3" | 12,504 | 300 | 271 | 240 | 14.68 | 16.25 | 354 |
| 21 | 12 | 9,907 | 32'2" | 38'2" | 11,627 | 279 | 252 | 223 | 9.80 | 11.65 | 329 |
| | 13 | 10,686 | 34'10" | 41'10" | 12,541 | 301 | 271 | 241 | 10.62 | 12.47 | 355 |
| | 14 | 11,464 | 37'5" | 43'6" | 13,454 | 323 | 291 | 258 | 11.43 | 13.28 | 381 |
| | 15 | 12,243 | 40'2" | 46'2" | 14,368 | 345 | 311 | 276 | 12.24 | 14.09 | 407 |
| | 16 | 13,022 | 42'10" | 48'10" | 15,282 | 367 | 331 | 294 | 13.06 | 14.91 | 433 |
| | 17 | 13,801 | 45'5" | 51'6" | 16,196 | 389 | 351 | 311 | 13.87 | 15.72 | 459 |
| | 18 | 14,579 | 48'2" | 54'2" | 17,110 | 411 | 370 | 329 | 14.68 | 16.53 | 485 |
| | 19 | 15,358 | 50'10" | 56'10" | 18,024 | 433 | 390 | 346 | 15.49 | 17.34 | 510 |
| | 20 | 16,137 | 53'6" | 59'6" | 18,938 | 455 | 410 | 364 | 16.31 | 18.16 | 536 |
| | 21 | 16,915 | 56'2" | 62'2" | 19,852 | 477 | 430 | 381 | 17.12 | 18.97 | 562 |
| | 22 | 17,694 | 58'10" | 64'10" | 20,766 | 499 | 449 | 399 | 17.93 | 19.78 | 588 |
| 24 | 12 | 13,041 | 32'2" | 39'0" | 15,304 | 367 | 331 | 294 | 9.80 | 11.91 | 433 |
| | 13 | 14,058 | 34'10" | 41'8" | 16,498 | 396 | 357 | 317 | 10.62 | 12.73 | 467 |
| | 14 | 15,075 | 37'6" | 44'4" | 17,692 | 425 | 383 | 340 | 11.43 | 13.54 | 501 |
| | 15 | 16,092 | 40'2" | 47'0" | 18,885 | 453 | 409 | 363 | 12.24 | 14.35 | 535 |
| | 16 | 17,109 | 42'10" | 49'8" | 20,079 | 482 | 435 | 386 | 13.06 | 15.17 | 569 |
| | 17 | 18,126 | 45'6" | 53'4" | 21,272 | 511 | 460 | 409 | 13.87 | 15.98 | 602 |
| | 18 | 19,143 | 48'2" | 55'0" | 22,466 | 539 | 486 | 432 | 14.68 | 16.79 | 636 |
| | 19 | 20,160 | 50'10" | 57'8" | 23,660 | 568 | 512 | 455 | 15.49 | 17.60 | 670 |
| | 20 | 21,177 | 53'6" | 60'4" | 24,853 | 597 | 538 | 477 | 16.31 | 18.42 | 704 |
| | 21 | 22,195 | 56'2" | 63'0" | 26,047 | 625 | 564 | 500 | 17.12 | 19.23 | 738 |
| | 22 | 23,212 | 58'10" | 65'8" | 27,241 | 654 | 590 | 523 | 17.93 | 20.04 | 771 |
| | 23 | 24,229 | 61'6" | 68'4" | 28,434 | 683 | 615 | 546 | 18.75 | 20.86 | 805 |
| | 24 | 25,246 | 64'2" | 71'0" | 29,628 | 711 | 641 | 569 | 19.56 | 21.67 | 839 |
| | 25 | 26,263 | 66'10" | 73'8" | 30,822 | 740 | 667 | 592 | 20.37 | 22.48 | 873 |
| | 26 | 27,280 | 69'6" | 76'4" | 32,015 | 769 | 693 | 615 | 21.19 | 23.29 | 907 |
| | 27 | 28,297 | 72'2" | 79'0" | 33,209 | 791 | 719 | 638 | 22.00 | 24.11 | 940 |
| 27 | 12 | 16,632 | 32'2" | 39'11" | 19,519 | 469 | 422 | 375 | 9.80 | 12.19 | 553 |
| | 13 | 17,919 | 34'10" | 42'7" | 21,030 | 505 | 455 | 404 | 10.62 | 13.01 | 596 |
| | 14 | 19,207 | 37'6" | 45'3" | 22,541 | 541 | 488 | 433 | 11.43 | 13.82 | 638 |
| | 15 | 20,494 | 40'2" | 47'11" | 24,051 | 578 | 520 | 462 | 12.24 | 14.63 | 681 |
| | 16 | 21,781 | 42'10" | 50'7" | 25,562 | 614 | 553 | 491 | 13.06 | 15.45 | 724 |
| | 17 | 23,068 | 45'6" | 53'3" | 27,073 | 650 | 586 | 520 | 13.87 | 16.26 | 767 |
| | 18 | 24,356 | 48'2" | 55'11" | 28,584 | 686 | 619 | 549 | 14.68 | 17.07 | 809 |
| | 19 | 25,643 | 50'10" | 58'7" | 30,094 | 723 | 651 | 578 | 15.49 | 17.88 | 852 |
| | 20 | 26,930 | 53'6" | 61'3" | 31,605 | 759 | 684 | 607 | 16.31 | 18.70 | 895 |
| | 21 | 28,218 | 56'2" | 63'11" | 33,116 | 795 | 717 | 636 | 17.12 | 19.51 | 938 |
| | 22 | 29,505 | 58'10" | 66'7" | 34,626 | 831 | 749 | 665 | 17.93 | 20.32 | 981 |
| | 23 | 30,792 | 61'6" | 69'3" | 36,137 | 868 | 782 | 694 | 18.75 | 21.14 | 1,023 |
| | 24 | 32,079 | 64'2" | 71'11" | 37,648 | 904 | 815 | 723 | 19.56 | 21.95 | 1,066 |
| | 25 | 33,367 | 66'10" | 74'7" | 39,159 | 940 | 847 | 752 | 20.37 | 22.76 | 1,109 |
| | 26 | 34,654 | 69'6" | 77'3" | 40,669 | 977 | 880 | 781 | 21.18 | 23.57 | 1,152 |
| | 27 | 35,941 | 72'2" | 79'11" | 42,180 | 1,013 | 913 | 810 | 22.00 | 24.39 | 1,194 |
| | 28 | 37,229 | 74'10" | 82'7" | 43,691 | 1,049 | 945 | 839 | 22.81 | 25.20 | 1,237 |
| | 29 | 38,516 | 77'6" | 85'3" | 45,202 | 1,085 | 978 | 868 | 23.63 | 26.01 | 1,280 |
| | 30 | 39,803 | 80'2" | 87'11" | 46,712 | 1,122 | 1,011 | 897 | 24.44 | 26.83 | 1,323 |

# 4022 & 4032 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 12 | 20,691 | 32'2" | 40'10" | 24,283 | 583 | 526 | 466 | 9.80 | 12.44 | 688 |
| | 13 | 22,280 | 34'10" | 43'6" | 26,148 | 628 | 566 | 502 | 10.62 | 13.26 | 740 |
| | 14 | 23,870 | 37'6" | 46'2" | 28,013 | 673 | 606 | 538 | 11.43 | 14.07 | 793 |
| | 15 | 25,459 | 40'2" | 48'10" | 29,878 | 717 | 647 | 574 | 12.24 | 14.88 | 846 |
| | 16 | 27,048 | 42'10" | 51'6" | 31,743 | 762 | 687 | 610 | 13.06 | 15.70 | 899 |
| | 17 | 28,637 | 45'6" | 54'2" | 33,608 | 807 | 727 | 646 | 13.87 | 16.51 | 952 |
| | 18 | 30,226 | 48'2" | 56'10" | 35,473 | 852 | 768 | 681 | 14.68 | 17.32 | 1,004 |
| | 19 | 31,816 | 50'10" | 59'6" | 37,338 | 897 | 808 | 717 | 15.49 | 18.13 | 1,057 |
| | 20 | 33,405 | 53'6" | 62'2" | 39,203 | 941 | 848 | 753 | 16.31 | 18.95 | 1,110 |
| | 21 | 34,994 | 56'2" | 64'10" | 41,069 | 986 | 889 | 789 | 17.12 | 19.76 | 1,163 |
| | 22 | 36,583 | 58'10" | 67'6" | 42,934 | 1,031 | 929 | 825 | 17.93 | 20.57 | 1,216 |
| | 23 | 38,173 | 61'6" | 70'2" | 44,799 | 1,076 | 969 | 861 | 18.75 | 21.39 | 1,269 |
| | 24 | 39,762 | 64'2" | 72'10" | 46,664 | 1,120 | 1,010 | 896 | 19.56 | 22.20 | 1,321 |
| | 25 | 41,351 | 66'10" | 75'6" | 48,529 | 1,165 | 1,050 | 932 | 20.37 | 23.01 | 1,374 |
| | 26 | 42,940 | 69'6" | 78'2" | 50,394 | 1,210 | 1,091 | 968 | 21.18 | 23.82 | 1,427 |
| | 27 | 44,529 | 72'2" | 80'10" | 52,259 | 1,255 | 1,131 | 1,004 | 22.00 | 24.64 | 1,480 |
| | 28 | 46,119 | 74'10" | 83'6" | 54,124 | 1,300 | 1,171 | 1,040 | 22.81 | 25.45 | 1,533 |
| | 29 | 47,708 | 77'6" | 86'2" | 55,989 | 1,344 | 1,212 | 1,076 | 23.62 | 26.26 | 1,585 |
| | 30 | 49,297 | 80'2" | 88'10" | 57,854 | 1,389 | 1,252 | 1,111 | 24.43 | 27.07 | 1,638 |
| | 31 | 50,886 | 82'10" | 91'6" | 59,720 | 1,434 | 1,292 | 1,147 | 25.24 | 27.88 | 1,691 |
| | 32 | 52,476 | 85'6" | 94'2" | 61,585 | 1,479 | 1,333 | 1,183 | 26.06 | 28.70 | 1,744 |
| 33 | 12 | 25,227 | 32'2" | 41'8" | 29,606 | 711 | 641 | 568 | 9.80 | 12.72 | 837 |
| | 13 | 27,150 | 34'10" | 44'4" | 31,863 | 765 | 690 | 611 | 10.62 | 13.54 | 900 |
| | 14 | 29,073 | 37'6" | 47'0" | 34,120 | 819 | 739 | 654 | 11.43 | 14.35 | 963 |
| | 15 | 30,996 | 40'2" | 49'8" | 36,377 | 873 | 788 | 697 | 12.24 | 15.16 | 1,026 |
| | 16 | 32,919 | 42'10" | 52'4" | 38,634 | 927 | 837 | 740 | 13.06 | 15.98 | 1,089 |
| | 17 | 34,842 | 45'6" | 55'0" | 40,891 | 981 | 886 | 783 | 13.87 | 16.79 | 1,152 |
| | 18 | 36,765 | 48'2" | 57'8" | 43,148 | 1,035 | 935 | 826 | 14.68 | 17.60 | 1,215 |
| | 19 | 38,688 | 50'10" | 60'4" | 45,405 | 1,089 | 984 | 869 | 15.49 | 18.41 | 1,278 |
| | 20 | 40,611 | 53'6" | 63'0" | 47,662 | 1,143 | 1,033 | 912 | 16.31 | 19.23 | 1,341 |
| | 21 | 42,534 | 56'2" | 65'8" | 49,919 | 1,197 | 1,082 | 955 | 17.12 | 20.04 | 1,404 |
| | 22 | 44,457 | 58'10" | 68'4" | 52,176 | 1,251 | 1,131 | 998 | 17.93 | 20.85 | 1,467 |
| | 23 | 46,380 | 61'6" | 71'0" | 54,433 | 1,305 | 1,180 | 1,041 | 18.75 | 21.67 | 1,530 |
| | 24 | 48,303 | 64'2" | 73'8" | 56,690 | 1,359 | 1,229 | 1,084 | 19.56 | 22.48 | 1,593 |
| | 25 | 50,226 | 66'10" | 76'4" | 58,947 | 1,413 | 1,278 | 1,127 | 20.37 | 23.29 | 1,656 |
| | 26 | 52,149 | 69'6" | 79'0" | 61,204 | 1,467 | 1,327 | 1,170 | 21.18 | 24.10 | 1,719 |
| | 27 | 54,072 | 72'2" | 81'8" | 63,461 | 1,521 | 1,376 | 1,213 | 22.00 | 24.92 | 1,782 |
| | 28 | 55,995 | 74'10" | 84'4" | 65,718 | 1,575 | 1,425 | 1,256 | 22.81 | 25.73 | 1,845 |
| | 29 | 57,918 | 77'6" | 87'0" | 67,975 | 1,629 | 1,474 | 1,299 | 23.62 | 26.54 | 1,908 |
| | 30 | 59,841 | 80'2" | 89'8" | 70,232 | 1,683 | 1,523 | 1,342 | 24.43 | 27.35 | 1,971 |
| | 31 | 61,764 | 82'10" | 92'4" | 72,489 | 1,737 | 1,572 | 1,385 | 25.25 | 28.17 | 2,034 |
| | 32 | 63,687 | 85'6" | 95'0" | 74,746 | 1,791 | 1,621 | 1,428 | 26.06 | 28.98 | 2,097 |

4022 & 4032 - 36'-54' DIAMETERS CONTINUED ON PAGE 26-27 ►

# 4022 & 4032 SPECIFICATIONS

40-SERIES GRAIN BINS

◄ 4022 & 4032 - 18'-33' DIAMETERS ON PAGE 24-25

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 12 | 30,249 | 32'2" | 42'7" | 35,500 | 852 | 768 | 682 | 9.80 | 12.98 | 1,005 |
| | 13 | 32,538 | 34'10" | 45'3" | 38,186 | 917 | 826 | 734 | 10.62 | 13.80 | 1,081 |
| | 14 | 34,826 | 37'6" | 47'11" | 40,871 | 981 | 885 | 785 | 11.43 | 14.61 | 1,157 |
| | 15 | 37,114 | 40'2" | 50'7" | 43,557 | 1,046 | 943 | 837 | 12.24 | 15.42 | 1,233 |
| | 16 | 39,403 | 42'10" | 53'3" | 46,243 | 1,110 | 1,001 | 888 | 13.06 | 16.24 | 1,309 |
| | 17 | 41,691 | 45'6" | 55'11" | 48,928 | 1,175 | 1,059 | 940 | 13.87 | 17.05 | 1,386 |
| | 18 | 43,980 | 48'2" | 58'7" | 51,614 | 1,239 | 1,117 | 992 | 14.68 | 17.86 | 1,462 |
| | 19 | 46,268 | 50'10" | 61'3" | 54,300 | 1,304 | 1,175 | 1,043 | 15.49 | 18.67 | 1,538 |
| | 20 | 48,557 | 53'6" | 63'11" | 56,986 | 1,368 | 1,233 | 1,095 | 16.31 | 19.49 | 1,614 |
| | 21 | 50,845 | 56'2" | 66'7" | 59,671 | 1,433 | 1,291 | 1,146 | 17.12 | 20.30 | 1,690 |
| | 22 | 53,134 | 58'10" | 69'3" | 62,357 | 1,497 | 1,349 | 1,198 | 17.93 | 21.11 | 1,766 |
| | 23 | 55,422 | 61'6" | 71'11" | 65,043 | 1,562 | 1,408 | 1,250 | 18.75 | 21.93 | 1,842 |
| | 24 | 57,711 | 64'2" | 74'7" | 67,729 | 1,626 | 1,466 | 1,301 | 19.56 | 22.74 | 1,918 |
| | 25 | 59,999 | 66'10" | 77'3" | 70,414 | 1,691 | 1,524 | 1,353 | 20.37 | 23.55 | 1,994 |
| | 26 | 62,288 | 69'6" | 79'11" | 73,100 | 1,755 | 1,582 | 1,404 | 21.18 | 24.36 | 2,070 |
| | 27 | 64,576 | 72'2" | 85'7" | 75,786 | 1,820 | 1,640 | 1,456 | 22.00 | 25.18 | 2,146 |
| | 28 | 66,865 | 74'10" | 85'3" | 78,482 | 1,884 | 1,698 | 1,507 | 22.81 | 25.99 | 2,222 |
| | 29 | 69,153 | 77'6" | 87'11" | 81,157 | 1,949 | 1,756 | 1,559 | 23.62 | 26.80 | 2,298 |
| | 30 | 71,442 | 80'2" | 90'7" | 83,843 | 2,013 | 1,814 | 1,611 | 24.43 | 27.61 | 2,374 |
| | 31 | 73,730 | 82'10" | 93'3" | 86,529 | 2,078 | 1,873 | 1,662 | 25.24 | 28.42 | 2,450 |
| | 32 | 76,019 | 85'6" | 95'11" | 89,215 | 2,142 | 1,931 | 1,714 | 26.06 | 29.23 | 2,526 |
| 42 | 12 | 41,790 | 32'2" | 43'4" | 49,044 | 1,178 | 1,061 | 942 | 9.80 | 13.23 | 1,389 |
| | 13 | 44,905 | 34'10" | 46'0" | 52,700 | 1,265 | 1,140 | 1,012 | 10.62 | 14.05 | 1,492 |
| | 14 | 48,020 | 37'6" | 48'8" | 56,355 | 1,353 | 1,220 | 1,083 | 11.43 | 14.86 | 1,596 |
| | 15 | 51,135 | 40'2" | 51'4" | 60,011 | 1,441 | 1,299 | 1,153 | 12.24 | 15.67 | 1,699 |
| | 16 | 54,250 | 42'10" | 54'0" | 63,667 | 1,529 | 1,378 | 1,223 | 13.06 | 16.44 | 1,803 |
| | 17 | 57,365 | 45'6" | 56'8" | 67,322 | 1,617 | 1,457 | 1,293 | 13.87 | 17.25 | 1,906 |
| | 18 | 60,479 | 48'2" | 59'4" | 70,978 | 1,704 | 1,536 | 1,364 | 14.68 | 18.06 | 2,010 |
| | 19 | 63,594 | 50'10" | 62'0" | 74,633 | 1,792 | 1,615 | 1,434 | 15.49 | 18.88 | 2,113 |
| | 20 | 66,709 | 53'6" | 64'8" | 78,289 | 1,880 | 1,694 | 1,504 | 16.31 | 19.69 | 2,217 |
| | 21 | 69,824 | 56'2" | 67'4" | 81,944 | 1,968 | 1,773 | 1,574 | 17.12 | 20.50 | 2,320 |
| | 22 | 72,939 | 58'10" | 70'0" | 85,600 | 2,055 | 1,852 | 1,644 | 17.93 | 21.31 | 2,424 |
| | 23 | 76,054 | 61'6" | 72'8" | 89,256 | 2,143 | 1,932 | 1,715 | 18.75 | 22.13 | 2,527 |
| | 24 | 79,169 | 64'2" | 75'4" | 92,911 | 2,231 | 2,011 | 1,785 | 19.56 | 22.94 | 2,631 |
| | 25 | 82,284 | 66'10" | 78'0" | 96,567 | 2,319 | 2,090 | 1,855 | 20.37 | 23.75 | 2,734 |
| | 26 | 85,399 | 69'6" | 80'8" | 100,222 | 2,406 | 2,169 | 1,925 | 21.18 | 24.57 | 2,838 |
| | 27 | 88,513 | 72'2" | 83'4" | 103,878 | 2,494 | 2,248 | 1,996 | 22.00 | 25.38 | 2,941 |
| | 28 | 91,628 | 74'10" | 86'0" | 107,534 | 2,582 | 2,327 | 2,066 | 22.81 | 26.19 | 3,045 |
| | 29 | 94,743 | 77'6" | 88'8" | 111,189 | 2,670 | 2,406 | 2,136 | 23.62 | 27.00 | 3,149 |
| | 30 | 97,858 | 80'2" | 91'4" | 114,845 | 2,758 | 2,485 | 2,206 | 24.43 | 27.82 | 3,252 |
| | 31 | 100,973 | 82'10" | 94'0" | 118,500 | 2,845 | 2,564 | 2,276 | 25.25 | 28.63 | 3,356 |
| | 32 | 104,088 | 85'6" | 96'8" | 122,156 | 2,933 | 2,644 | 2,347 | 26.06 | 29.44 | 3,459 |

# 4022 & 4032 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | 12 | 55,390 | 32'2" | 45'1" | 65,005 | 1,561 | 1,407 | 1,249 | 9.80 | 13.73 | 1,841 |
| | 13 | 59,458 | 34'10" | 47'9" | 69,779 | 1,676 | 1,510 | 1,341 | 10.62 | 14.54 | 1,976 |
| | 14 | 63,527 | 37'6" | 50'5" | 74,554 | 1,790 | 1,613 | 1,432 | 11.43 | 15.36 | 2,111 |
| | 15 | 67,595 | 40'2" | 53'1" | 79,329 | 1,905 | 1,717 | 1,524 | 12.24 | 16.17 | 2,246 |
| | 16 | 71,664 | 42'10" | 55'9" | 84,103 | 2,019 | 1,820 | 1,616 | 13.06 | 16.98 | 2,382 |
| | 17 | 75,732 | 45'6" | 58'5" | 88,878 | 2,134 | 1,923 | 1,707 | 13.87 | 17.80 | 2,517 |
| | 18 | 79,800 | 48'2" | 61'1" | 93,653 | 2,249 | 2,027 | 1,799 | 14.68 | 18.61 | 2,652 |
| | 19 | 83,869 | 50'10" | 63'9" | 98,427 | 2,363 | 2,130 | 1,891 | 15.49 | 19.42 | 2,787 |
| | 20 | 87,937 | 53'6" | 66'5" | 103,202 | 2,478 | 2,233 | 1,983 | 16.31 | 20.23 | 2,922 |
| | 21 | 92,006 | 56'2" | 69'1" | 107,977 | 2,593 | 2,337 | 2,074 | 17.12 | 21.05 | 3,058 |
| | 22 | 96,074 | 58'10" | 71'9" | 112,751 | 2,707 | 2,440 | 2,166 | 17.93 | 21.86 | 3,193 |
| | 23 | 100,143 | 61'6" | 74'5" | 117,526 | 2,822 | 2,543 | 2,258 | 18.75 | 22.67 | 3,328 |
| | 24 | 104,211 | 64'2" | 77'1" | 122,300 | 2,937 | 2,647 | 2,349 | 19.56 | 23.48 | 3,463 |
| | 25 | 108,279 | 66'10" | 79'9" | 127,075 | 3,051 | 2,750 | 2,441 | 20.37 | 24.30 | 3,598 |
| | 26 | 112,348 | 69'6" | 82'5" | 131,850 | 3,166 | 2,853 | 2,533 | 21.18 | 25.11 | 3,734 |
| | 27 | 116,416 | 72'2" | 85'1" | 133,624 | 3,281 | 2,957 | 2,625 | 22.00 | 25.92 | 3,859 |
| | 28 | 120,485 | 74'10" | 87'9" | 141,399 | 3,395 | 3,060 | 2,716 | 22.81 | 26.74 | 4,004 |
| | 29 | 124,553 | 77'6" | 90'5" | 146,174 | 3,510 | 3,163 | 2,808 | 23.62 | 27.55 | 4,139 |
| | 30 | 128,622 | 80'2" | 93'1" | 150,948 | 3,625 | 3,267 | 2,900 | 24.43 | 28.36 | 4,274 |
| | 31 | 132,690 | 82'10" | 95'9" | 155,723 | 3,739 | 3,370 | 2,992 | 25.25 | 29.17 | 4,410 |
| | 32 | 136,758 | 85'6" | 98'5" | 160,498 | 3,854 | 3,473 | 3,083 | 26.06 | 29.99 | 4,545 |
| 54 | 12 | 71,124 | 32'2" | 46'5" | 83,470 | 2,004 | 1,806 | 1,604 | 9.80 | 14.14 | 2,364 |
| | 13 | 76,273 | 34'10" | 49'1" | 89,513 | 2,149 | 1,937 | 1,720 | 10.62 | 14.95 | 2,535 |
| | 14 | 81,422 | 37'6" | 51'9" | 95,556 | 2,294 | 2,068 | 1,836 | 11.43 | 15.76 | 2,706 |
| | 15 | 86,571 | 40'2" | 54'5" | 101,599 | 2,440 | 2,199 | 1,952 | 12.24 | 16.58 | 2,877 |
| | 16 | 91,720 | 42'10" | 57'1" | 107,642 | 2,585 | 2,329 | 2,068 | 13.06 | 17.39 | 3,048 |
| | 17 | 96,870 | 45'6" | 59'9" | 113,685 | 2,730 | 2,460 | 2,184 | 13.87 | 18.20 | 3,219 |
| | 18 | 102,019 | 48'2" | 62'5" | 119,728 | 2,875 | 2,591 | 2,300 | 14.68 | 19.01 | 3,390 |
| | 19 | 107,168 | 50'10" | 65'1" | 125,771 | 3,020 | 2,722 | 2,416 | 15.49 | 19.83 | 3,561 |
| | 20 | 112,317 | 53'6" | 67'9" | 131,813 | 3,165 | 2,853 | 2,532 | 16.31 | 20.64 | 3,733 |
| | 21 | 117,466 | 56'2" | 70'5" | 137,856 | 3,310 | 2,983 | 2,648 | 17.12 | 21.45 | 3,904 |
| | 22 | 122,615 | 58'10" | 73'1" | 143,899 | 3,455 | 3,114 | 2,764 | 17.93 | 22.27 | 4,075 |
| | 23 | 127,764 | 61'6" | 75'9" | 149,942 | 3,600 | 3,245 | 2,880 | 18.75 | 23.08 | 4,246 |
| | 24 | 132,913 | 64'2" | 78'5" | 155,985 | 3,745 | 3,376 | 2,997 | 19.56 | 23.89 | 4,417 |
| | 25 | 138,062 | 66'10" | 81'1" | 162,028 | 3,891 | 3,506 | 3,113 | 20.37 | 24.70 | 4,588 |
| | 26 | 143,212 | 69'6" | 83'9" | 168,071 | 4,036 | 3,637 | 3,229 | 21.18 | 25.52 | 4,759 |
| | 27 | 148,362 | 72'2" | 86'5" | 174,114 | 4,181 | 3,768 | 3,345 | 22.00 | 26.33 | 4,930 |
| | 28 | 153,510 | 74'10" | 89'1" | 180,157 | 4,326 | 3,899 | 3,461 | 22.81 | 27.14 | 5,101 |
| | 29 | 158,659 | 77'6" | 91'9" | 186,200 | 4,471 | 4,030 | 3,577 | 23.62 | 27.96 | 5,273 |
| | 30 | 163,808 | 80'2" | 94'5" | 192,243 | 4,616 | 4,160 | 3,693 | 24.43 | 28.77 | 5,444 |
| | 31 | 168,957 | 82'10" | 97'1" | 198,285 | 4,761 | 4,291 | 3,809 | 25.25 | 29.58 | 5,615 |
| | 32 | 174,106 | 85'6" | 99'9" | 204,328 | 4,906 | 4,422 | 3,925 | 26.06 | 30.39 | 5,786 |
| | 33 | 179,255 | 88'2" | 102'5" | 210,371 | 5,051 | 4,553 | 4,041 | 26.87 | 31.21 | 5,957 |
| | 34 | 184,404 | 90'10" | 105'1" | 216,414 | 5,196 | 4,683 | 4,157 | 27.69 | 32.02 | 6,128 |
| | 35 | 189,553 | 93'6" | 107'9" | 222,457 | 5,342 | 4,814 | 4,274 | 28.50 | 32.83 | 6,299 |
| | 36 | 194,703 | 96'2" | 110'5" | 228,500 | 5,487 | 4,945 | 4,390 | 29.31 | 33.65 | 6,470 |
| | 37 | 199,852 | 98'10" | 113'1" | 234,543 | 5,632 | 5,076 | 4,506 | 30.12 | 34.46 | 6,642 |

4022 & 4032 - 60'-78' DIAMETERS CONTINUED ON PAGE 28-29 ►

# 4022 & 4032 SPECIFICATIONS



◄ 4022 & 4032 - 36'-54' DIAMETERS ON PAGE 26-27

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 12 | 89,068 | 32'2" | 48'2" | 104,529 | 2,510 | 2,262 | 2,008 | 9.80 | 14.68 | 2,960 |
| | 13 | 95,425 | 34'10" | 50'10" | 111,990 | 2,689 | 2,424 | 2,151 | 10.62 | 15.49 | 3,171 |
| | 14 | 101,782 | 37'6" | 53'6" | 119,450 | 2,868 | 2,585 | 2,295 | 11.43 | 16.31 | 3,382 |
| | 15 | 108,139 | 40'2" | 56'2" | 126,910 | 3,047 | 2,746 | 2,438 | 12.24 | 17.12 | 3,594 |
| | 16 | 114,496 | 42'10" | 58'10" | 134,371 | 3,226 | 2,908 | 2,581 | 13.06 | 17.93 | 3,805 |
| | 17 | 120,853 | 45'6" | 61'6" | 141,831 | 3,406 | 3,069 | 2,725 | 13.87 | 18.74 | 4,016 |
| | 18 | 127,210 | 48'2" | 64'2" | 149,292 | 3,585 | 3,231 | 2,868 | 14.68 | 19.56 | 4,227 |
| | 19 | 133,567 | 50'10" | 66'10" | 156,752 | 3,764 | 3,392 | 3,011 | 15.49 | 20.37 | 4,439 |
| | 20 | 139,924 | 53'6" | 69'6" | 164,212 | 3,943 | 3,554 | 3,155 | 16.31 | 21.18 | 4,650 |
| | 21 | 146,281 | 56'2" | 72'2" | 171,673 | 4,122 | 3,715 | 3,298 | 17.12 | 21.99 | 4,861 |
| | 22 | 152,638 | 58'10" | 74'10" | 179,133 | 4,301 | 3,877 | 3,441 | 17.93 | 22.81 | 5,072 |
| | 23 | 158,994 | 61'6" | 77'6" | 186,593 | 4,480 | 4,038 | 3,585 | 18.75 | 23.62 | 5,284 |
| | 24 | 165,351 | 64'2" | 80'2" | 194,054 | 4,660 | 4,200 | 3,728 | 19.56 | 24.43 | 5,495 |
| | 25 | 171,708 | 66'10" | 82'10" | 201,514 | 4,839 | 4,361 | 3,871 | 20.37 | 25.25 | 5,706 |
| | 26 | 178,065 | 69'6" | 85'6" | 208,975 | 5,018 | 4,522 | 4,015 | 21.18 | 26.06 | 5,918 |
| | 27 | 184,422 | 72'2" | 88'2" | 216,435 | 5,197 | 4,684 | 4,158 | 22.00 | 26.87 | 6,129 |
| | 28 | 190,779 | 74'10" | 90'10" | 223,895 | 5,376 | 4,845 | 4,301 | 22.81 | 27.68 | 6,340 |
| | 29 | 197,136 | 77'6" | 93'6" | 231,356 | 5,555 | 5,007 | 4,445 | 23.62 | 28.50 | 6,551 |
| | 30 | 203,493 | 80'2" | 96'2" | 238,816 | 5,734 | 5,168 | 4,588 | 24.43 | 29.31 | 6,763 |
| | 31 | 209,850 | 82'10" | 98'10" | 246,277 | 5,913 | 5,330 | 4,731 | 25.25 | 30.12 | 6,974 |
| | 32 | 216,207 | 85'6" | 101'6" | 253,737 | 6,093 | 5,491 | 4,874 | 26.06 | 30.94 | 7,185 |
| | 33 | 222,564 | 88'2" | 104'2" | 261,197 | 6,272 | 5,653 | 5,048 | 26.87 | 31.75 | 7,396 |
| | 34 | 228,921 | 90'10" | 106'10" | 268,658 | 6,451 | 5,814 | 5,161 | 27.69 | 32.56 | 7,608 |
| | 35 | 235,277 | 93'6" | 109'6" | 276,118 | 6,630 | 5,976 | 5,304 | 28.50 | 33.37 | 7,819 |
| | 36 | 241,634 | 96'2" | 112'2" | 283,578 | 6,809 | 6,137 | 5,448 | 29.31 | 34.19 | 8,030 |
| | 37 | 247,991 | 98'10" | 114'10" | 291,039 | 6,988 | 6,298 | 5,591 | 30.12 | 35.00 | 8,241 |
| 72 | 12 | 131,890 | 32'2" | 50'8" | 154,784 | 3,717 | 3,350 | 2,973 | 9.80 | 15.43 | 4,383 |
| | 13 | 141,044 | 34'10" | 53'4" | 165,527 | 3,975 | 3,582 | 3,180 | 10.62 | 16.25 | 4,687 |
| | 14 | 150,197 | 37'5" | 56'0" | 176,269 | 4,233 | 3,815 | 3,386 | 11.43 | 17.06 | 4,991 |
| | 15 | 159,351 | 40'2" | 58'8" | 187,012 | 4,490 | 4,047 | 3,593 | 12.24 | 17.87 | 5,296 |
| | 16 | 168,505 | 42'10" | 61'4" | 197,755 | 4,748 | 4,280 | 3,799 | 13.06 | 18.69 | 5,600 |
| | 17 | 177,659 | 45'6" | 64'0" | 208,498 | 5,006 | 4,512 | 4,005 | 13.87 | 19.50 | 5,904 |
| | 18 | 186,813 | 48'2" | 66'8" | 219,241 | 5,264 | 4,745 | 4,212 | 14.68 | 20.31 | 6,208 |
| | 19 | 195,967 | 50'10" | 69'4" | 229,984 | 5,522 | 4,977 | 4,418 | 15.49 | 21.12 | 6,512 |
| | 20 | 205,121 | 53'6" | 72'0" | 240,727 | 5,780 | 5,210 | 4,625 | 16.31 | 21.94 | 6,817 |
| | 21 | 214,275 | 56'2" | 74'8" | 251,470 | 6,038 | 5,442 | 4,831 | 17.12 | 22.75 | 7,121 |
| | 22 | 223,429 | 58'10" | 77'4" | 262,213 | 6,296 | 5,675 | 5,037 | 17.93 | 23.56 | 7,425 |
| | 23 | 232,583 | 61'6" | 80'0" | 272,956 | 6,554 | 5,907 | 5,244 | 18.75 | 24.38 | 7,729 |
| | 24 | 241,737 | 64'2" | 82'8" | 283,699 | 6,812 | 6,140 | 5,450 | 19.56 | 25.19 | 8,033 |
| | 25 | 250,891 | 66'10" | 85'4" | 294,442 | 7,070 | 6,372 | 5,656 | 20.37 | 26.00 | 8,338 |
| | 26 | 260,045 | 69'6" | 88'0" | 305,185 | 7,328 | 6,605 | 5,863 | 21.18 | 26.81 | 8,642 |
| | 27 | 269,199 | 72'2" | 90'8" | 315,928 | 7,586 | 6,837 | 6,069 | 22.00 | 27.63 | 8,946 |
| | 28 | 278,353 | 74'10" | 93'4" | 326,671 | 7,844 | 7,070 | 6,276 | 22.81 | 28.44 | 9,250 |
| | 29 | 287,507 | 77'6" | 96'0" | 337,414 | 8,102 | 7,302 | 6,482 | 23.62 | 29.25 | 9,554 |
| | 30 | 296,661 | 80'2" | 98'8" | 348,157 | 8,360 | 7,535 | 6,688 | 24.43 | 30.07 | 9,859 |
| | 31 | 305,815 | 82'10" | 101'4" | 358,900 | 8,618 | 7,767 | 6,895 | 25.25 | 30.88 | 10,163 |
| | 32 | 314,969 | 85'6" | 104'0" | 369,643 | 8,876 | 7,999 | 7,101 | 26.06 | 31.69 | 10,467 |
| | 33 | 324,123 | 88'2" | 106'8" | 380,386 | 9,134 | 8,232 | 7,307 | 26.87 | 32.50 | 10,771 |
| | 34 | 333,277 | 90'10" | 109'4" | 391,128 | 9,392 | 8,464 | 7,514 | 27.69 | 33.32 | 11,076 |
| | 35 | 342,431 | 93'6" | 112'0" | 401,871 | 9,650 | 8,697 | 7,720 | 28.50 | 34.13 | 11,380 |
| | 36 | 351,585 | 96'2" | 114'8" | 412,614 | 9,908 | 8,929 | 7,927 | 29.31 | 34.94 | 11,684 |
| | 37 | 360,739 | 98'10" | 117'4" | 423,357 | 10,165 | 9,162 | 8,133 | 30.12 | 35.75 | 11,988 |

# 4022 & 4032 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 12 | 144,094 | 32'2" | 51'6" | 169,107 | 4,061 | 3,660 | 3,249 | 9.80 | 15.70 | 4,789 |
| | 13 | 154,027 | 34'10" | 54'3" | 180,764 | 4,340 | 3,912 | 3,473 | 10.62 | 16.52 | 5,119 |
| | 14 | 163,960 | 37'6" | 56'11" | 192,421 | 4,620 | 4,164 | 3,697 | 11.43 | 17.33 | 5,449 |
| | 15 | 173,892 | 40'2" | 59'6" | 204,077 | 4,900 | 4,416 | 3,920 | 12.24 | 18.14 | 5,779 |
| | 16 | 183,825 | 42'10" | 62'3" | 215,734 | 5,180 | 4,669 | 4,144 | 13.06 | 18.95 | 6,109 |
| | 17 | 193,758 | 45'6" | 64'11" | 227,391 | 5,460 | 4,921 | 4,368 | 13.87 | 19.77 | 6,439 |
| | 18 | 203,690 | 48'2" | 67'6" | 239,048 | 5,740 | 5,173 | 4,592 | 14.68 | 20.58 | 6,769 |
| | 19 | 213,623 | 50'10" | 70'3" | 250,705 | 6,020 | 5,426 | 4,816 | 15.49 | 21.39 | 7,099 |
| | 20 | 223,556 | 53'6" | 72'11" | 262,362 | 6,300 | 5,678 | 5,040 | 16.31 | 22.20 | 7,429 |
| | 21 | 233,488 | 56'2" | 75'6" | 274,019 | 6,580 | 5,930 | 5,264 | 17.12 | 23.02 | 7,759 |
| | 22 | 243,421 | 58'10" | 78'3" | 285,675 | 6,860 | 6,182 | 5,488 | 17.93 | 23.83 | 8,089 |
| | 23 | 253,354 | 61'6" | 80'11" | 297,332 | 7,139 | 6,435 | 5,712 | 18.75 | 24.64 | 8,420 |
| | 24 | 263,287 | 64'2" | 83'6" | 308,989 | 7,419 | 6,687 | 5,936 | 19.56 | 25.46 | 8,750 |
| | 25 | 273,219 | 66'10" | 86'3" | 320,646 | 7,699 | 6,939 | 6,160 | 20.37 | 26.27 | 9,080 |
| | 26 | 283,152 | 69'6" | 88'11" | 332,303 | 7,979 | 7,191 | 6,384 | 21.18 | 27.08 | 9,410 |
| | 27 | 293,085 | 72'2" | 91'6" | 343,960 | 8,259 | 7,444 | 6,608 | 22.00 | 27.89 | 9,740 |
| | 28 | 303,017 | 74'10" | 94'3" | 355,616 | 8,539 | 7,696 | 6,832 | 22.81 | 28.71 | 10,070 |
| | 29 | 312,950 | 77'6" | 96'11" | 367,273 | 8,819 | 7,948 | 7,056 | 23.62 | 29.52 | 10,400 |
| | 30 | 322,883 | 80'2" | 99'6" | 378,930 | 9,099 | 8,200 | 7,280 | 24.43 | 30.33 | 10,730 |
| | 31 | 332,815 | 82'10" | 102'3" | 390,587 | 9,379 | 8,453 | 7,503 | 25.25 | 31.15 | 11,060 |
| | 32 | 342,748 | 85'6" | 104'11" | 402,244 | 9,658 | 8,705 | 7,727 | 26.06 | 31.96 | 11,390 |
| | 33 | 352,681 | 88'2" | 107'6" | 413,901 | 9,938 | 8,957 | 7,951 | 26.87 | 32.77 | 11,720 |
| | 34 | 362,613 | 90'10" | 110'3" | 425,558 | 10,218 | 9,210 | 8,175 | 27.69 | 33.58 | 12,050 |
| | 35 | 372,546 | 93'6" | 112'11" | 437,214 | 10,498 | 9,462 | 8,399 | 28.50 | 34.40 | 12,381 |
| | 36 | 382,479 | 96'2" | 115'6" | 448,871 | 10,778 | 9,714 | 8,623 | 29.31 | 35.21 | 12,711 |
| | 37 | 392,411 | 98'10" | 118'3" | 460,528 | 11,058 | 9,966 | 8,847 | 30.12 | 36.02 | 13,041 |
| 78 | 12 | 156,918 | 32'2" | 52'5" | 184,156 | 4,422 | 3,985 | 3,538 | 9.80 | 15.97 | 5,215 |
| | 13 | 167,661 | 34'10" | 55'1" | 196,764 | 4,725 | 4,258 | 3,780 | 10.62 | 16.78 | 5,572 |
| | 14 | 178,404 | 37'6" | 57'9" | 209,372 | 5,027 | 4,531 | 4,022 | 11.43 | 17.59 | 5,929 |
| | 15 | 189,147 | 40'2" | 60'5" | 221,981 | 5,330 | 4,804 | 4,264 | 12.24 | 18.41 | 6,286 |
| | 16 | 199,891 | 42'10" | 63'1" | 234,589 | 5,633 | 5,077 | 4,507 | 13.06 | 19.22 | 6,643 |
| | 17 | 210,634 | 45'6" | 65'9" | 247,197 | 5,936 | 5,350 | 4,749 | 13.87 | 20.03 | 7,000 |
| | 18 | 221,377 | 48'2" | 68'5" | 259,805 | 6,238 | 5,622 | 4,991 | 14.68 | 20.84 | 7,357 |
| | 19 | 232,120 | 50'10" | 71'1" | 272,413 | 6,541 | 5,895 | 5,233 | 15.49 | 21.66 | 7,714 |
| | 20 | 242,863 | 53'6" | 73'9" | 285,021 | 6,844 | 6,168 | 5,475 | 16.31 | 22.47 | 8,071 |
| | 21 | 253,607 | 56'2" | 76'5" | 297,629 | 7,147 | 6,441 | 5,718 | 17.12 | 23.28 | 8,428 |
| | 22 | 264,350 | 58'10" | 79'1" | 310,237 | 7,449 | 6,714 | 5,960 | 17.93 | 24.10 | 8,785 |
| | 23 | 275,093 | 61'6" | 81'9" | 322,845 | 7,752 | 6,987 | 6,202 | 18.75 | 24.91 | 9,142 |
| | 24 | 285,836 | 64'2" | 84'5" | 335,453 | 8,055 | 7,260 | 6,444 | 19.56 | 25.72 | 9,499 |
| | 25 | 296,579 | 66'10" | 87'1" | 348,061 | 8,357 | 7,532 | 6,686 | 20.37 | 26.53 | 9,856 |
| | 26 | 307,322 | 69'6" | 89'9" | 360,669 | 8,660 | 7,805 | 6,929 | 21.18 | 27.35 | 10,213 |
| | 27 | 318,066 | 72'2" | 92'5" | 373,277 | 8,963 | 8,078 | 7,171 | 22.00 | 28.16 | 10,570 |
| | 28 | 328,809 | 74'10" | 95'1" | 385,885 | 9,266 | 8,351 | 7,413 | 22.81 | 28.97 | 10,927 |
| | 29 | 339,552 | 77'6" | 97'9" | 398,493 | 9,568 | 8,624 | 7,655 | 23.62 | 29.78 | 11,284 |
| | 30 | 350,295 | 80'2" | 100'5" | 411,101 | 9,871 | 8,897 | 7,898 | 24.43 | 30.60 | 11,641 |
| | 31 | 361,038 | 82'10" | 103'1" | 423,709 | 10,174 | 9,170 | 8,140 | 25.25 | 31.41 | 11,998 |
| | 32 | 371,782 | 85'6" | 105'9" | 436,317 | 10,477 | 9,442 | 8,382 | 26.06 | 32.22 | 12,355 |
| | 33 | 382,525 | 88'2" | 108'5" | 448,925 | 10,779 | 9,715 | 8,624 | 26.87 | 33.04 | 12,712 |
| | 34 | 393,268 | 90'10" | 111'1" | 461,533 | 11,082 | 9,988 | 8,866 | 27.69 | 33.85 | 13,069 |
| | 35 | 404,011 | 93'6" | 113'9" | 474,141 | 11,385 | 10,261 | 9,109 | 28.50 | 34.66 | 13,426 |
| | 36 | 414,754 | 96'2" | 116'5" | 486,749 | 11,688 | 10,534 | 9,351 | 29.31 | 35.47 | 13,783 |
| | 37 | 425,498 | 98'10" | 119'1" | 499,358 | 11,990 | 10,807 | 9,593 | 30.12 | 36.29 | 14,140 |

4022 & 4032 - 90'-135' DIAMETERS CONTINUED ON PAGE 30-31 ►

# 4022 & 4032 SPECIFICATIONS



◄ 4022 & 4032 - 60'-78' DIAMETERS ON PAGE 28-29

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 12 | 214,588 | 32'2" | 56'0" | 251,837 | 6,047 | 5,450 | 4,838 | 9.80 | 17.05 | 7,131 |
| | 13 | 228,891 | 34'10" | 58'8" | 268,623 | 6,450 | 5,813 | 5,160 | 10.62 | 17.87 | 7,607 |
| | 14 | 243,194 | 37'6" | 61'4" | 285,409 | 6,853 | 6,177 | 5,483 | 11.43 | 18.68 | 8,082 |
| | 15 | 257,497 | 40'2" | 64'0" | 302,195 | 7,256 | 6,540 | 5,805 | 12.24 | 19.49 | 8,557 |
| | 16 | 271,800 | 42'10" | 66'8" | 318,981 | 7,659 | 6,903 | 6,128 | 13.06 | 20.30 | 9,033 |
| | 17 | 286,103 | 45'6" | 69'4" | 335,766 | 8,062 | 7,266 | 6,450 | 13.87 | 21.12 | 9,508 |
| | 18 | 300,406 | 48'2" | 72'0" | 352,552 | 8,465 | 7,630 | 6,773 | 14.68 | 21.93 | 9,983 |
| | 19 | 314,709 | 50'10" | 74'8" | 369,338 | 8,868 | 7,993 | 7,095 | 15.49 | 22.74 | 10,458 |
| | 20 | 329,012 | 53'6" | 77'4" | 386,124 | 9,271 | 8,356 | 7,418 | 16.31 | 23.56 | 10,934 |
| | 21 | 343,316 | 56'2" | 80'0" | 402,910 | 9,674 | 8,719 | 7,740 | 17.12 | 24.37 | 11,409 |
| | 22 | 357,619 | 58'10" | 82'8" | 419,696 | 10,078 | 9,083 | 8,063 | 17.93 | 25.18 | 11,884 |
| | 23 | 371,922 | 61'6" | 85'4" | 436,482 | 10,481 | 9,446 | 8,385 | 18.75 | 25.99 | 12,360 |
| | 24 | 386,225 | 64'2" | 88'0" | 453,267 | 10,884 | 9,809 | 8,708 | 19.56 | 26.81 | 12,835 |
| | 25 | 400,528 | 66'10" | 90'8" | 470,053 | 11,287 | 10,173 | 9,030 | 20.37 | 27.62 | 13,310 |
| | 26 | 414,831 | 69'6" | 93'4" | 486,839 | 11,690 | 10,536 | 9,353 | 21.18 | 28.43 | 13,786 |
| | 27 | 429,134 | 72'2" | 96'0" | 503,625 | 12,093 | 10,899 | 9,675 | 22.00 | 29.25 | 14,261 |
| | 28 | 443,437 | 74'10" | 98'8" | 520,411 | 12,496 | 11,262 | 9,997 | 22.81 | 30.06 | 14,736 |
| | 29 | 457,740 | 77'6" | 101'4" | 537,197 | 12,899 | 11,626 | 10,320 | 23.62 | 30.87 | 15,212 |
| | 30 | 472,043 | 80'2" | 104'0" | 553,983 | 13,302 | 11,989 | 10,642 | 24.43 | 31.68 | 15,687 |
| | 31 | 486,346 | 82'10" | 106'8" | 570,768 | 13,705 | 12,352 | 10,965 | 25.25 | 32.50 | 16,162 |
| | 32 | 500,649 | 85'6" | 109'4" | 587,554 | 14,108 | 12,715 | 11,287 | 26.06 | 33.31 | 16,638 |
| | 33 | 514,952 | 88'2" | 112'0" | 604,340 | 14,511 | 13,079 | 11,610 | 26.87 | 34.12 | 17,113 |
| | 34 | 529,255 | 90'10" | 114'8" | 621,126 | 14,914 | 13,442 | 11,932 | 27.69 | 34.93 | 17,588 |
| | 35 | 543,558 | 93'6" | 117'4" | 637,912 | 15,317 | 13,805 | 12,255 | 28.50 | 35.75 | 18,064 |
| | 36 | 557,861 | 96'2" | 120'0" | 654,698 | 15,720 | 14,168 | 12,577 | 29.31 | 36.56 | 18,539 |
| | 37 | 572,165 | 98'10" | 122'8" | 671,484 | 16,123 | 14,532 | 12,900 | 30.12 | 37.37 | 19,014 |
| 105 | 12 | 301,731 | 32'2" | 60'4" | 354,107 | 8,503 | 7,663 | 6,803 | 9.80 | 18.38 | 10,027 |
| | 13 | 321,199 | 34'10" | 63'0" | 376,955 | 9,051 | 8,158 | 7,242 | 10.62 | 19.19 | 10,674 |
| | 14 | 340,667 | 37'6" | 65'8" | 399,802 | 9,600 | 8,652 | 7,680 | 11.43 | 20.01 | 11,321 |
| | 15 | 360,135 | 40'2" | 68'4" | 422,649 | 10,148 | 9,147 | 8,119 | 12.24 | 20.82 | 11,968 |
| | 16 | 379,603 | 42'10" | 71'0" | 445,497 | 10,697 | 9,641 | 8,558 | 13.06 | 21.63 | 12,615 |
| | 17 | 399,071 | 45'6" | 73'8" | 468,344 | 11,246 | 10,136 | 8,997 | 13.87 | 22.45 | 13,262 |
| | 18 | 418,540 | 48'2" | 76'4" | 491,192 | 11,794 | 10,630 | 9,436 | 14.68 | 23.26 | 13,909 |
| | 19 | 438,008 | 50'10" | 79'0" | 514,039 | 12,343 | 11,124 | 9,875 | 15.49 | 24.07 | 14,556 |
| | 20 | 457,476 | 53'6" | 81'8" | 536,886 | 12,891 | 11,619 | 10,314 | 16.31 | 24.88 | 15,203 |
| | 21 | 476,944 | 56'2" | 84'4" | 559,734 | 13,440 | 12,113 | 10,753 | 17.12 | 25.70 | 15,850 |
| | 22 | 496,412 | 58'10" | 87'0" | 582,581 | 13,989 | 12,608 | 11,192 | 17.93 | 26.51 | 16,497 |
| | 23 | 515,880 | 61'6" | 89'8" | 605,429 | 14,537 | 13,102 | 11,631 | 18.75 | 27.32 | 17,144 |
| | 24 | 535,348 | 64'2" | 92'4" | 628,276 | 15,086 | 13,597 | 12,070 | 19.56 | 28.13 | 17,791 |
| | 25 | 554,816 | 66'10" | 95'0" | 651,124 | 15,634 | 14,091 | 12,509 | 20.37 | 28.95 | 18,438 |
| | 26 | 574,284 | 69'6" | 97'8" | 673,971 | 16,183 | 14,586 | 12,947 | 21.18 | 29.76 | 19,085 |
| | 27 | 593,752 | 72'2" | 100'4" | 696,818 | 16,732 | 15,080 | 13,386 | 22.00 | 30.57 | 19,732 |
| | 28 | 613,220 | 74'10" | 103'0" | 719,666 | 17,280 | 15,574 | 13,825 | 22.81 | 31.39 | 20,379 |
| | 29 | 632,688 | 77'6" | 105'8" | 742,513 | 17,829 | 16,069 | 14,264 | 23.62 | 32.20 | 21,026 |
| | 30 | 652,156 | 80'2" | 108'4" | 765,361 | 18,377 | 16,563 | 14,703 | 24.43 | 33.01 | 21,673 |
| | 31 | 671,624 | 82'10" | 111'0" | 788,208 | 18,926 | 17,058 | 15,142 | 25.25 | 33.82 | 22,320 |
| | 32 | 691,092 | 85'6" | 113'8" | 811,056 | 19,475 | 17,552 | 15,581 | 26.06 | 34.64 | 22,967 |
| | 33 | 710,560 | 88'2" | 116'4" | 833,903 | 20,023 | 18,047 | 16,020 | 26.87 | 35.45 | 23,614 |
| | 34 | 730,028 | 90'10" | 119'0" | 856,750 | 20,572 | 18,541 | 16,459 | 27.69 | 36.26 | 24,260 |
| | 35 | 749,497 | 93'6" | 121'8" | 879,598 | 21,121 | 19,036 | 16,898 | 28.50 | 37.08 | 24,907 |
| | 36 | 768,965 | 96'2" | 124'4" | 902,445 | 21,669 | 19,530 | 17,337 | 29.31 | 37.89 | 25,554 |
| | 37 | 788,433 | 98'10" | 127'0" | 925,293 | 22,218 | 20,024 | 17,776 | 30.12 | 38.70 | 26,201 |

# 4022 & 4032 SPECIFICATIONS

| DIAMETER (FEET) | RING | MAXIMUM CAPACITY (BUSHELS) NO PLENUM | EAVE HEIGHT (FEET) | PEAK HEIGHT (FEET) | CAPACITY (CUBIC FEET) | METRIC TONS 800 KG/M^3 | METRIC TONS 721 KG/M^3 | METRIC TONS 640 KG/M^3 | EAVE HEIGHT (METERS) | PEAK HEIGHT (METERS) | MAXIMUM CAP. (CUBIC METERS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135 | 19 | 755,968 | 50'10" | 86'9" | 887,192 | 21,303 | 19,200 | 17,044 | 15.49 | 26.43 | 25,122 |
| | 20 | 788,150 | 53'6" | 89'5" | 924,961 | 22,210 | 20,017 | 17,769 | 16.31 | 27.25 | 26,192 |
| | 21 | 820,332 | 56'2" | 92'1" | 962,729 | 23,117 | 20,835 | 18,495 | 17.12 | 28.06 | 27,261 |
| | 22 | 852,513 | 58'10" | 94'9" | 1,000,497 | 24,023 | 21,652 | 19,220 | 17.93 | 28.87 | 28,331 |
| | 23 | 884,695 | 61'6" | 97'5" | 1,038,265 | 24,930 | 22,469 | 19,946 | 18.75 | 29.68 | 29,400 |
| | 24 | 916,877 | 64'2" | 100'1" | 1,076,033 | 25,837 | 23,287 | 20,671 | 19.56 | 30.50 | 30,470 |
| | 25 | 949,059 | 64'10" | 102'9" | 1,113,801 | 26,744 | 24,104 | 21,397 | 20.37 | 31.31 | 31,539 |
| | 26 | 981,241 | 69'6" | 105'5" | 1,151,570 | 27,651 | 24,921 | 22,122 | 21.18 | 32.12 | 32,609 |
| | 27 | 1,013,423 | 72'2" | 108'1" | 1,189,338 | 28,558 | 25,739 | 22,848 | 22.00 | 32.94 | 33,678 |
| | 28 | 1,045,605 | 74'10" | 110'9" | 1,227,106 | 29,465 | 26,556 | 23,574 | 22.81 | 33.75 | 34,748 |
| | 29 | 1,077,787 | 77'6" | 113'5" | 1,264,874 | 30,372 | 27,373 | 24,299 | 23.62 | 34.56 | 35,817 |
| | 30 | 1,109,969 | 80'2" | 116'1" | 1,302,642 | 31,278 | 28,191 | 25,025 | 24.43 | 35.37 | 36,887 |
| | 31 | 1,142,150 | 82'10" | 118'9" | 1,340,411 | 32,185 | 29,008 | 25,750 | 25.25 | 36.19 | 37,956 |
| | 32 | 1,174,332 | 85'6" | 121'5" | 1,378,179 | 33,092 | 29,825 | 26,476 | 26.06 | 37.00 | 39,026 |
| | 33 | 1,206,514 | 88'2" | 124'1" | 1,415,947 | 33,999 | 30,643 | 27,201 | 26.87 | 37.81 | 40,095 |
| | 34 | 1,238,696 | 90'10" | 126'9" | 1,453,715 | 34,906 | 31,460 | 27,927 | 27.69 | 38.63 | 41,165 |

- All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot.
- Max. cubic feet and cubic meters based on 28 degree angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30 degree slope roofs.
- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m^3 (50 lb/ft^3)
  - Corn approximately 721 kg/m^3 (45 lb/ft^3)
  - Rice approximately 640 kg/m^3 (40 lb/ft^3).
- Other rings heights available in some diameters.

# COMPLETE YOUR GSI SYSTEM

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## TOPDRY

Grain in the overhead chamber is dried by a large fan and heater then dumped to a holding area below. An aeration fan below captures heat from this previously dried grain, and pushes it upward to help dry the next load. This recycling of heat increases efficiency, which greatly reduces drying costs.

## MATERIAL HANDLING

GSI's material handling line includes bucket elevators, chain conveyors, belt conveyors, bin unloads, and chain loops. Also available are towers, catwalks, and support structures.

## DRYING AND CONDITIONING

Today's farm operations have greatly varied needs for their drying solutions. Size, type, and investment all play a part in the decision for which to use. GSI provides systems of every size and type to help with those needs. Options include TopDry, Portable, Modular, and T-Series Tower Dryers.

## GLOBAL SOLUTIONS. LOCAL SUPPORT.

GSI and GSI Dealers alike share the same passion and commitment to our customers. GSI Dealers understand down time is not an option, construction schedules must be met. From site planning to installation and service, GSI Dealers are the proven partners for your operation. When you buy GSI, you get the quality product of a worldwide leader and the dependable service of your local Dealership.

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**GS-401 JULY/15**