

FOR THE PROCESSOR

# 40-SERIES™ GRAIN BINS



**PROVEN & DEPENDABLE™**

[WWW.GRAINSYSTEMS.COM](http://WWW.GRAINSYSTEMS.COM)



Your Downtime is not an option. Your customers depend on you year-round when they need to move their grain from field to market. You need to provide reliable storage solutions that maximize productivity and efficiency. With a similar dedication, GSI strives to continuously manufacture Proven & Dependable grain storage, conditioning, material handling equipment and structures.

This commitment and focus have resulted in GSI becoming the world's number one manufacturer of grain bins and a global leader in drying and material handling equipment. However, it is your dedication to your customers that inspires us to create the best grain systems possible.

Today's production requirements demand systems that excel in performance and are reliable year after year. In addition, easy installation, simple operation, durability, flexibility, and operation efficiency are all carefully considered in the design and construction of every GSI product manufactured.

**THAT'S WHY GSI.**

**PROVEN &  
DEPENDABLE**



## 40-SERIES GRAIN BINS

### BUILT FOR WHAT'S NEXT

As a commercial grain operator, you know that your success depends on getting as many turns as possible and maximizing throughput all year-round. You need grain systems that are engineered to withstand the stresses of daily use and equipment that is dependable, reliable and safe.

That's why GSI is the right choice for commercial operators. From the initial site analysis to developing your custom commercial grain storage plan to final completion of the project, GSI's established dealer and contractor network is with you every step of the way, committed to supporting you and your operation's growth.

As you continue to grow, GSI grows with you. With capacities from 1,000 up to 1.9 million bushels, our full line of grain bins and accessories are customized to fit your needs and maximize your profitability.

|                                  | <br><b>4024</b> | <br><b>4022</b> | <br><b>4032</b> |
|----------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|                                  | STIFFENED BINS                                                                                   |                                                                                                   |                                                                                                    |
| APPROXIMATE<br>BUSHEL CAPACITY   | 1,000 to 282,900                                                                                 | 7,200 to 122,000                                                                                  | 15,000 to 1.9 million                                                                              |
| STIFFENERS PER<br>SIDEWALL SHEET | 2                                                                                                | 2                                                                                                 | 3                                                                                                  |
| CORRUGATION                      | 4"                                                                                               | 2.66"                                                                                             | 2.66"                                                                                              |
| DIAMETER                         | 12' to 72'                                                                                       | 18' to 60'                                                                                        | 21' to 156'                                                                                        |
| NUMBER<br>OF RINGS               | 3 to 21                                                                                          | 12 to 26                                                                                          | 12 to 40                                                                                           |

# FEATURES

## ROOF PANELS

40-Series™ roof panels incorporate a 3" tall rib with over-and-under lap profiles ensuring a precise fit (see illustration). 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. GSI's stiffeners are 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 40-Series bins will endure the toughest wind conditions.



### JS500 BOLTS

GSI uses JS500 bolts paired with sealing washers to protect the grain. JJS500 coated hardware provides added protection from rust, promoting longer bin life.



### BASE ANGLE

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



# BIN ROOF

## 40-SERIES GRAIN BINS

### Z-TEK™ ROOF SYSTEM

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

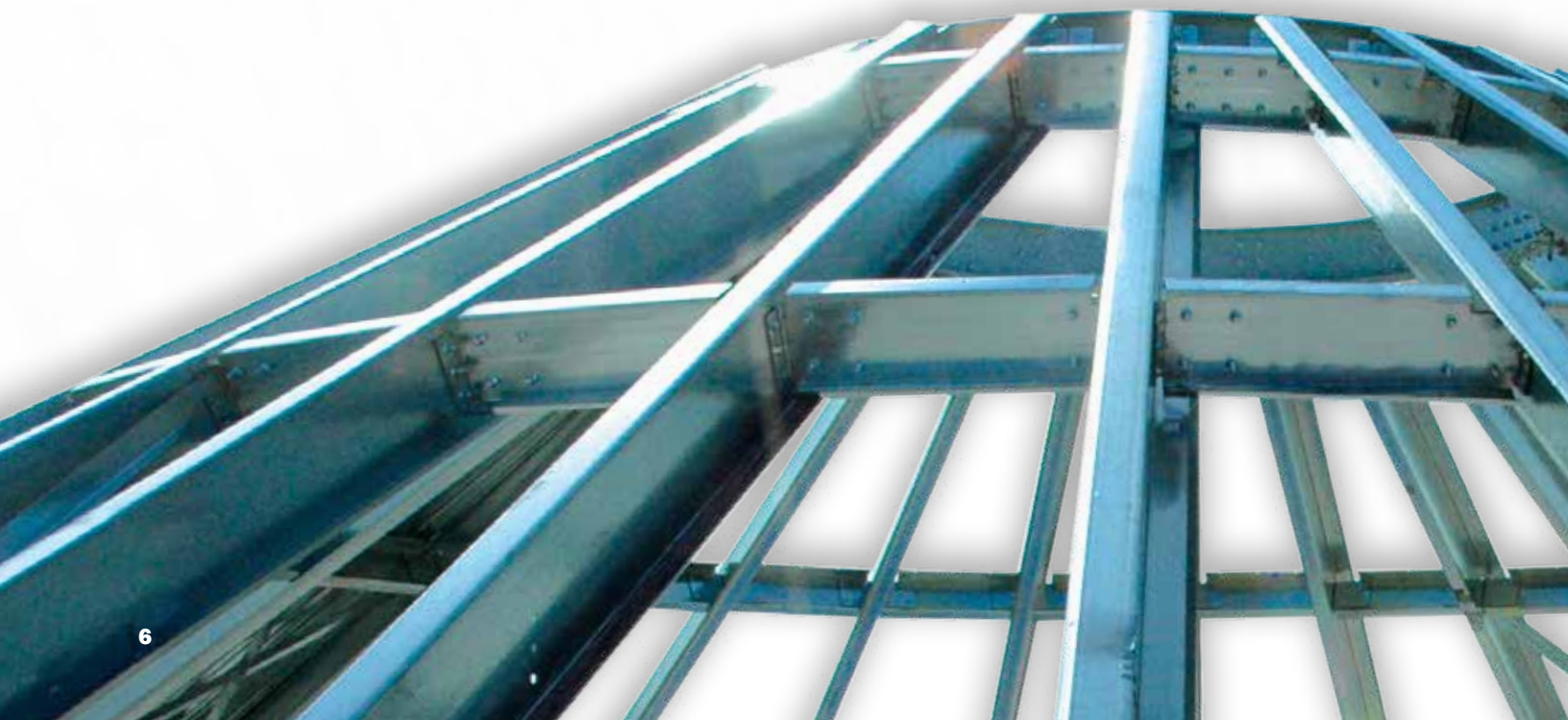
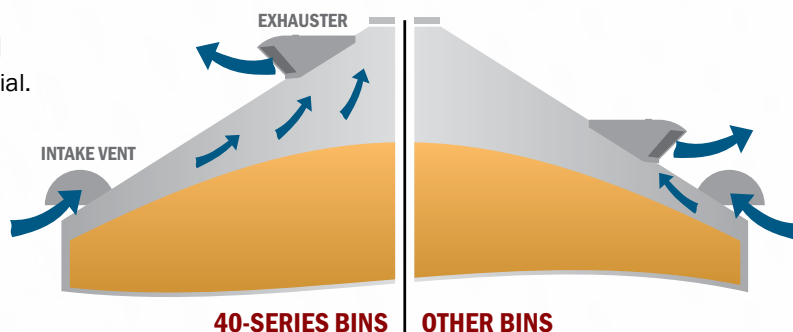
Designed to handle extreme loads, the Z-Tek Roof System has been tested with loads over 112 tons.

### GSI EXCLUSIVE

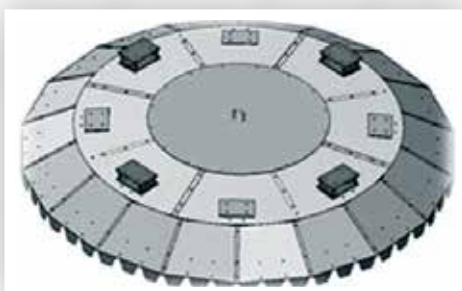
#### ROOF EXHAUSTER MOUNTING LOCATION

Moving air in and out of the bin efficiently is essential.

GSI bins feature roof exhausters mounting plates near the peak for improved airflow by providing optimal separation of the intake vents and the exhausters. This allows for headspace air to be completely turned over and minimizes condensation on the bottom of the roof panels in colder climates.



# BIN ROOF



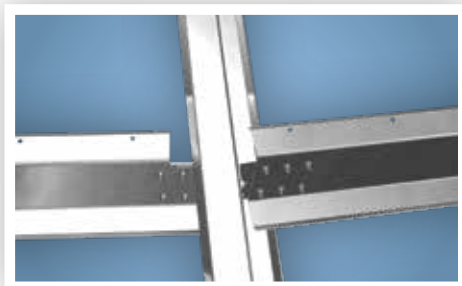
## FLAT TOP

High volumes of grain need to be moved quickly and efficiently. That means material handling equipment is also getting bigger, which makes a bigger flat top necessary to support heavier 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.



## ACCESSORY MOUNTING RING

The accessory mounting ring gives builders a 360-degree surface to attach external equipment, allowing material handling equipment to enter at any point and simplifying the process. Available only on Z-Tek Roof Systems for all bins 54' and larger. An I-Beam option is also available.



## 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 fast 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 was previously required between the upper and lower panels.

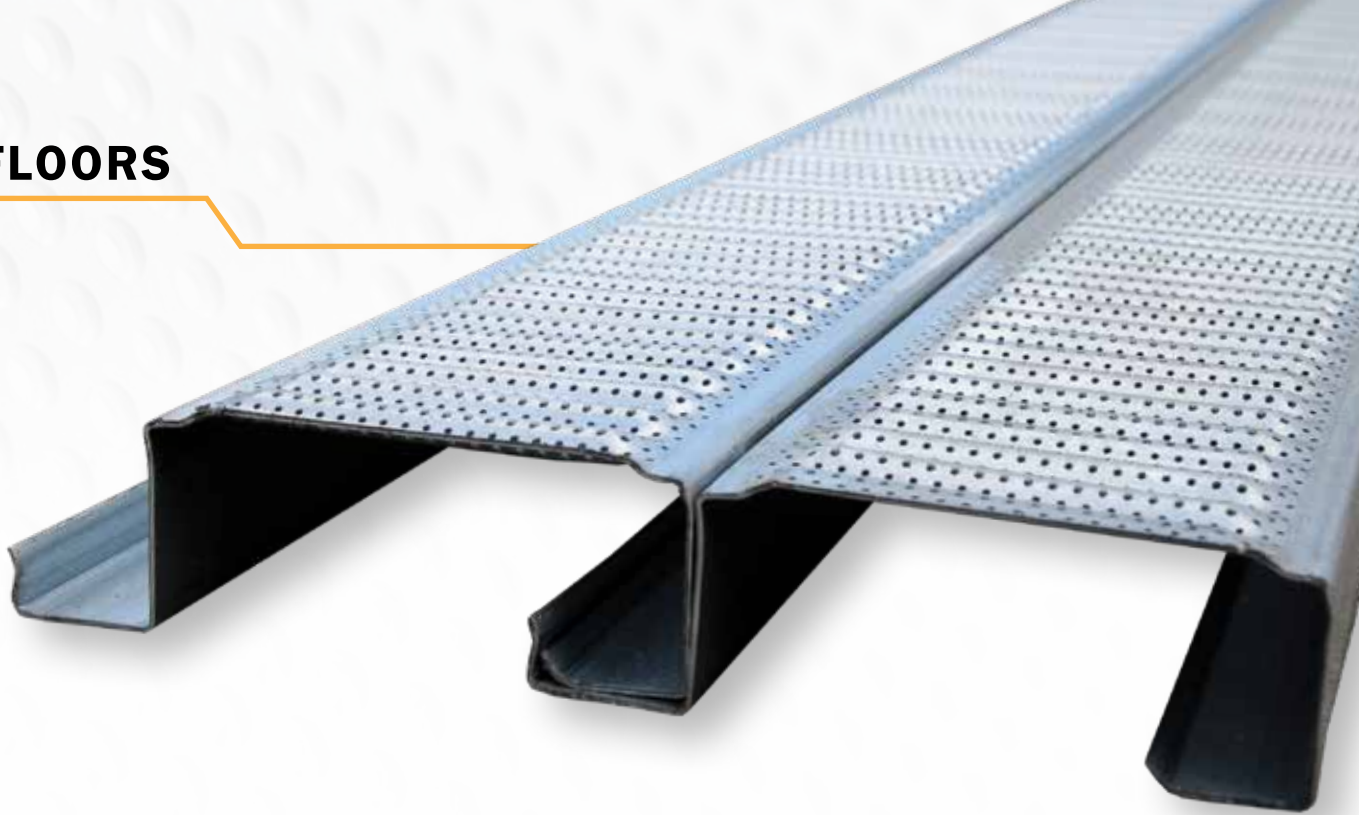


## TEMPERATURE CABLE BRACKETS

GSI's Z-Tek Roof System includes standard temperature cable attachment brackets for 54' and larger bins, eliminating the need for additional parts. Temperature cables can be used on bins 48' and smaller with the addition of optional support brackets.



## BIN FLOORS



GSI offers a range of designs to meet a variety of 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, the Dura-Lok floor is the strongest available and ideal for tall bins. Supported by our monorail post-and-beam system, the Dura-Lok floor system features 3.5" wide sections for a stronger, more stable floor.

#### **Perforation Options**

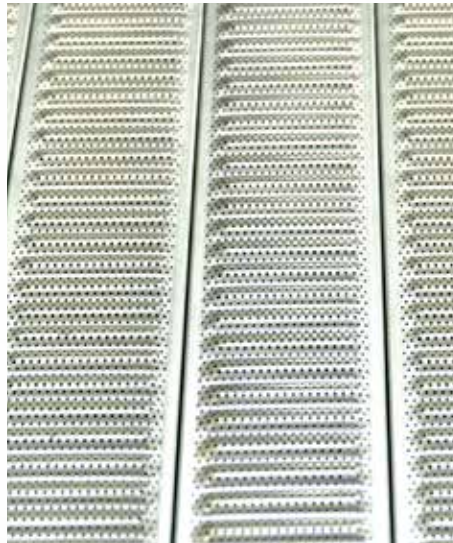
Standard (0.094") or small grain (0.050").

#### **Floor-Support Options**

Commercial-grade monorail support system.

#### **Availability**

Full floors available in bins up to 105' diameter.

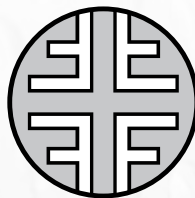


### **FLUSH FLOORS**

Custom designed to fit the bin, flush floor options are available up to 40 rings with in-concrete patterns that include quad F and double H patterns. Designs are available from two to six fans to meet a wide range of aeration needs.

#### **Availability**

Flush floors now available in all 40-Series bins.





# AERATION & 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 operation is key. Too much airflow can be as bad – sometimes even worse – than too little. Our network of experienced and knowledgeable dealers and contractors ensures your bin is equipped with the aeration and conditioning system that matches its specific requirements to reduce costs and boost performance.

## CENTRIFUGAL FANS

Available in Centrifugal (5–50 hp) and High Speed Centrifugal (3–50 hp).

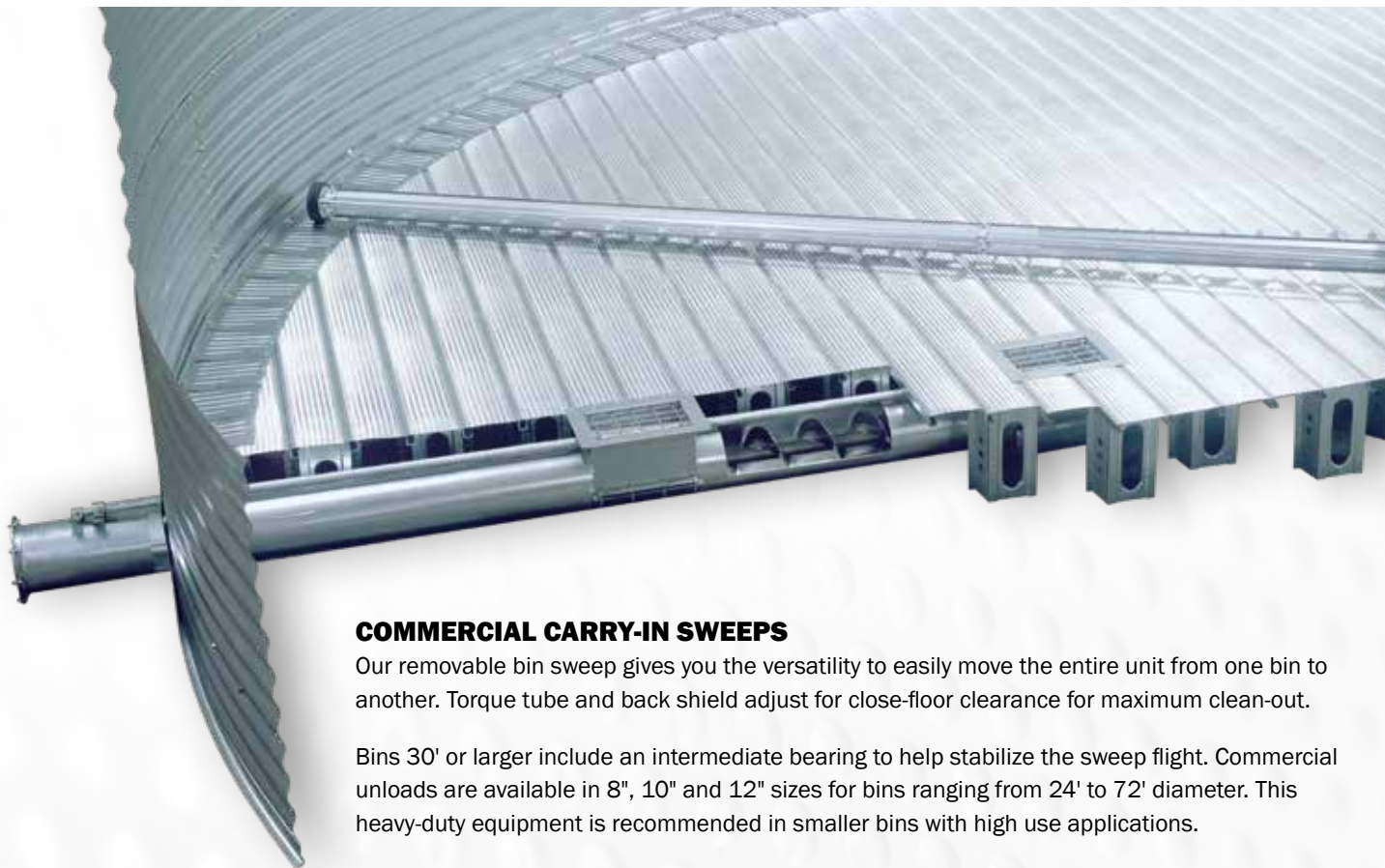




### **X-SERIES SWEEP™** **THE TRUE ZERO-ENTRY BIN SWEEP**

The zero-entry X-Series Sweep incorporates our industry-leading positive drive system and the most intelligent sweep control on the market today to provide the highest performance of any zero-entry sweep. Additional safety switches are easily added to the X-Series control to prevent employees from entering the bin during the operation of the sweep. The sweep auger will remain engaged even during avalanche situations where the drive motor reverses direction to maximize capacity and minimize the reverse travel.

**Two auger sizes available:** 12" Model (capacity from 3,000–7,000 BPH) - 16" Model – (capacity from 8,000–10,000 BPH)



#### **COMMERCIAL CARRY-IN SWEEPS**

Our removable bin sweep gives you the versatility to easily move the entire unit from one bin to another. Torque tube and back shield adjust for close-floor clearance for maximum clean-out.

Bins 30' or larger include an intermediate bearing to help stabilize the sweep flight. Commercial unloads are available in 8", 10" and 12" sizes for bins ranging from 24' to 72' diameter. This heavy-duty equipment is recommended in smaller bins with high use applications.



## UNLOAD SYSTEMS



### LEAVE-IN SWEEPS

Features include premium Thick-Edge flighting and motorized tractor drive & SureGrip™ wheel, ensuring reliable power and traction. Other features include a skeletonized frame, single-adjustment carrier wheels, powder-coat finish and choice of standard or auto-drive control panels. Exclusive UL listed collector ring allows power through to the sweep motor and prevents cables from twisting as the sweep rotates.

Retrofit compatible and available in 10" and 12" models. Designed for 30'-105' bins, with capacities up to 6,500 BPH.

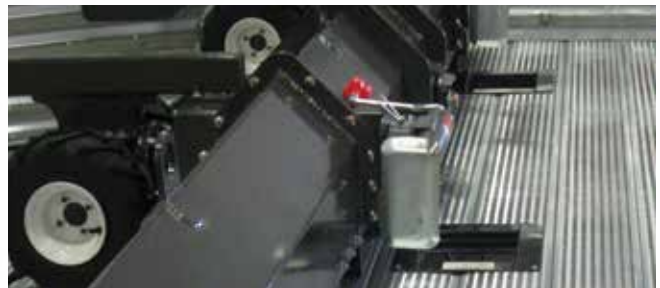
### PADDLE SWEEPS

Designed for high capacity systems, GSI's Commercial Paddle Sweeps use flexible rubber paddles to unload gently and safely.



#### Heavy-Duty High Capacity Paddle Sweep

For larger capacity grain systems, GSI's Heavy-Duty Paddle Sweep uses flexible rubber paddles to gently and safely unload up to 12,000 bushels per hour in 72' to 105' diameter bins.



#### Commercial Paddle Sweep

Designed for high capacity systems, GSI's Commercial Paddle Sweep uses flexible rubber paddles to gently and safely unload up to 6,000 bushels per hour in 15' to 105' diameter bins.



### U-TROUGH

A 10" U-Trough comes standard with an integrated power sweep and moves 5,000 BPH. A U-Trough fits under a standard 12" floor as well as most other aeration floors. Available in all bins up to 66' diameter.



### COMMERCIAL SWEEP TRACTOR

For facilities with older model sweeps, a commercial sweep tractor and control panel feature can make sweeping fully automated and more efficient.

# BIN ACCESSIBILITY

## 40-SERIES GRAIN BINS

### GSI GRAIN BIN STAIRS

GSI's 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.



### X-SERIES™ LADDERS

X-Series Ladders are mounted 90 degrees to the sidewall to eliminate toe hazards such as stiffeners, wind rings and other bracketry. Ladders also feature step-through platforms with swing-through gates. Safety is important to your business, so we designed the X-Series line of ladders to meet OSHA specifications.



### WALK-THROUGH BIN DOORS

Available on all GSI bins. Inner door panels on GSI's walk-through door opens completely. There are no bars or braces to unbolt or remove. 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.



### VEHICLE TRAFFIC DOOR

An optional vehicle traffic door is available when a larger opening is required or where a skid-steer loader will be used for final cleanout. The door is designed so that everything is accomplished from the outside of the bin. With no center posts to remove, it is easy for one person to open the door. Available on 72'-156' bins.

### EAVE AND MID-ROOF WALK-AROUNDS

The eave walk-around is mounted to the sidewall with a seamless walk path when access to the manhole is required. The mid-roof walk-around goes directly underneath the roof exhausters, which allows for easy access and servicing. Available in 72'-156' bins, eave and mid-roof walk-arounds fully integrate with other X-Series components such as ladders and stairs.



# AGRIDRY GRAVITY SPREADERS



## UNIFORM DISTRIBUTION OF FINES

AgriDry Gravity Spreaders distribute fines of grain without compromising quality. It's gentle on grain and tough enough to handle fill rates up to 40,000 BPH. Uniformly distributed fines eliminate the time and expense of coring and create a better environment for storage. Improve fan efficiency, increase storage time, and gain marketing flexibility.



## HIGH VOLUME APPLICATION

AgriDry commercial spreaders have 16 chutes to meet the needs of high volume and variable fill rates coming from a dryer.

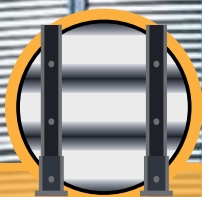
### Extension Chutes

When filling a bin with hot or wet grain, optional extension chutes disperse the grain out to the bin's side walls.



# 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 (30k Z-Tek Roof optional)                                    |
| 72' diameter        | 30,000 Z-Tek Roof (50k optional)                                    |
| SNOW LOAD           | 6,000 & 10,000 Roofs are 30 psf<br>36' - 72' Z-Tek Roofs are 40 psf |
| DOME CAP            | Standard on 12' - 48' 6,000 lb. roof<br>(33" Flat Top Available)    |
| FLAT TOP            | 10k & Z-Tek Roof is Standard with<br>a Flat Top (Optional Dome Cap) |
| DOOR                | 2 Ring, Walk-Through 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. With storage capacities from 1,000 bushels up to 1.2 million bushels, these bins are designed to expand with you as your operation grows. One of GSI's newest bin offerings, the 4024, features 4" corrugation and storage capacity over 280,000 bushels – the ideal solution for commercial operators faced with growing storage needs.



# 4024 SPECIFICATIONS

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>12' PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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 16-17 ►

# 4024 SPECIFICATIONS

## 40-SERIES GRAIN BINS

◀ 4024 - 12'-24' DIAMETERS ON PAGE 15

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>12' PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>12" PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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    | 55,390                                         | 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 18 ►

# 4024 SPECIFICATIONS

## 40-SERIES GRAIN BINS

◀ 4024 - 27'-48' DIAMETERS ON PAGE 16-17

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>12" PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M <sup>3</sup> | METRIC TONS<br>721 KG/M <sup>3</sup> | METRIC TONS<br>640 KG/M <sup>3</sup> | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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                                | 15.68                      | 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                                | 17.92                      | 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                                | 15.68                      | 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                                | 17.92                      | 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° angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30.5 degree sloped roofs.

- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m<sup>3</sup> (50 lb/ft<sup>3</sup>)
  - Corn approximately 721 kg/m<sup>3</sup> (45 lb/ft<sup>3</sup>)
  - Rice approximately 640 kg/m<sup>3</sup> (40 lb/ft<sup>3</sup>).
- Other rings heights available in some diameters, contact your dealer for details.



# STIFFENED BINS - 2.66" CORRUGATION

The 4022 and the 4032 bins are the highest capacity bins offered by GSI. Designed for efficiency and manufactured for strength, these stiffened bins will meet the needs of your commercial operation as you expand and grow your business.

# 4022 4032



## KEY FEATURES

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| DIAMETERS           | 18' - 156'                                                  |
| 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  | 30,000 Z-Tek Roof                                           |
| 72'-78' diameter    | 30,000 Z-Tek Roof (50k optional)                            |
| 90'-135' diameter   | 50,000 Z-Tek Roof (75k & 100k optional)                     |
| 156' diameter       | 150,000 Z-Tek Roof                                          |
| SNOW LOAD           | 6,000 & 10,000 lb. Roofs are 30 psf<br>Z-Tek Roof is 40 psf |
| DOOR                | 1 Ring, 2 Ring,<br>Vehicle Traffic Door (72' and larger)    |
| TEMP CABLE BRACKETS | Standard in 54' - 156'<br>Optional 24' - 48'                |

# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M <sup>3</sup> | METRIC TONS<br>721 KG/M <sup>3</sup> | METRIC TONS<br>640 KG/M <sup>3</sup> | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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 22-23 ►

# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

◀ 4022 & 4032 - 18'-33' DIAMETERS ON PAGE 20-21

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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"                    | 82'7"                    | 75,786                      | 1,820                     | 1,640                     | 1,456                     | 22.00                      | 25.18                      | 2,146                             |
| 42                 | 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                             |
|                    | 12   | 41,790                                        | 32'2"                    | 44'4"                    | 49,044                      | 1,178                     | 1,061                     | 942                       | 9.80                       | 13.49                      | 1,389                             |
|                    | 13   | 44,905                                        | 34'10"                   | 47'0"                    | 52,700                      | 1,265                     | 1,140                     | 1,012                     | 10.62                      | 14.31                      | 1,492                             |
|                    | 14   | 48,020                                        | 37'6"                    | 49'8"                    | 56,355                      | 1,353                     | 1,220                     | 1,083                     | 11.43                      | 15.12                      | 1,596                             |
|                    | 15   | 51,135                                        | 40'2"                    | 52'4"                    | 60,011                      | 1,441                     | 1,299                     | 1,153                     | 12.24                      | 15.93                      | 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

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>METERS) |
|--------------------|------|-----------------------------------------------|--------------------------|--------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|-----------------------------------|
| 48                 | 12   | 55,390                                        | 32'2"                    | 46'1"                    | 65,005                      | 1,561                     | 1,407                     | 1,249                     | 9.80                       | 14.03                      | 1,841                             |
|                    | 13   | 59,458                                        | 34'10"                   | 48'9"                    | 69,779                      | 1,676                     | 1,510                     | 1,341                     | 10.62                      | 14.84                      | 1,976                             |
|                    | 14   | 63,527                                        | 37'6"                    | 51'5"                    | 74,554                      | 1,790                     | 1,613                     | 1,432                     | 11.43                      | 15.66                      | 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                             |
| 54                 | 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                             |
|                    | 38   | 205,001                                       | 101'6"                   | 115'9"                   | 240,586                     | 5,777                     | 5,207                     | 4,622                     | 30.93                      | 35.27                      | 6,814                             |
|                    | 39   | 210,150                                       | 104'2"                   | 118'5"                   | 246,629                     | 5,922                     | 5,338                     | 4,738                     | 31.74                      | 36.08                      | 6,986                             |
|                    | 40   | 215,299                                       | 106'10"                  | 121'1"                   | 252,672                     | 6,067                     | 5,469                     | 4,854                     | 32.55                      | 36.90                      | 7,158                             |

4022 & 4032 - 60'-78' DIAMETERS CONTINUED ON PAGE 24-25 ►

# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

◀ 4022 & 4032 - 36'-54' DIAMETERS ON PAGE 22-23

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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                             |
| 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                            |
|                    | 38   | 369,893                                       | 101'6"                   | 120'0"                   | 434,100                     | 10,422                    | 9,395                     | 8,339                     | 30.93                      | 36.57                      | 12,292                            |
|                    | 39   | 379,047                                       | 104'2"                   | 122'8"                   | 444,843                     | 10,679                    | 9,628                     | 8,545                     | 31.74                      | 37.38                      | 12,596                            |
|                    | 40   | 388,201                                       | 106'10"                  | 125'4"                   | 455,586                     | 10,936                    | 9,861                     | 8,751                     | 32.55                      | 38.19                      | 12,900                            |



# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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                            |
| 78                 | 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                            |
|                    | 38   | 402,343                                       | 101'6"                   | 120'11"                  | 472,185                     | 11,338                    | 10,218                    | 9,071                     | 30.93                      | 36.84                      | 13,371                            |
|                    | 39   | 412,275                                       | 104'2"                   | 123'6"                   | 483,842                     | 11,618                    | 10,470                    | 9,295                     | 31.74                      | 37.65                      | 13,701                            |
|                    | 40   | 422,207                                       | 106'10"                  | 126'3"                   | 495,499                     | 11,898                    | 10,722                    | 9,519                     | 32.55                      | 38.46                      | 14,031                            |
|                    | 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                            |
|                    | 38   | 436,242                                       | 101'6"                   | 121'9"                   | 511,967                     | 12,292                    | 11,080                    | 9,835                     | 30.93                      | 37.10                      | 14,497                            |
|                    | 39   | 446,986                                       | 104'2"                   | 124'5"                   | 524,576                     | 12,594                    | 11,353                    | 10,077                    | 31.74                      | 37.91                      | 14,854                            |
|                    | 40   | 457,730                                       | 106'10"                  | 127'1"                   | 537,185                     | 12,896                    | 11,626                    | 10,319                    | 32.55                      | 38.73                      | 15,211                            |

4022 & 4032 - 90'-135' DIAMETERS CONTINUED ON PAGE 26-27 ►

# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

◀ 4022 & 4032 - 60'-78' DIAMETERS ON PAGE 24-25

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M^3 | METRIC TONS<br>721 KG/M^3 | METRIC TONS<br>640 KG/M^3 | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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                            |
| 105                | 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                            |
|                    | 38   | 586,469                                       | 101'6"                   | 125'4"                   | 688,270                     | 16,526                    | 14,896                    | 13,223                    | 30.93                      | 38.21                      | 19,489                            |
|                    | 39   | 600,773                                       | 104'2"                   | 128'0"                   | 705,056                     | 16,929                    | 15,260                    | 13,546                    | 31.74                      | 39.00                      | 19,964                            |
|                    | 40   | 615,077                                       | 106'10"                  | 130'8"                   | 721,842                     | 17,332                    | 15,624                    | 13,869                    | 32.55                      | 39.81                      | 20,439                            |
|                    | 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                            |
|                    | 38   | 807,901                                       | 101'6"                   | 129'8"                   | 948,141                     | 22,767                    | 20,518                    | 18,215                    | 30.93                      | 39.51                      | 26,848                            |
|                    | 39   | 827,369                                       | 104'2"                   | 132'4"                   | 970,989                     | 23,316                    | 21,012                    | 18,654                    | 31.74                      | 40.33                      | 27,495                            |
|                    | 40   | 846,837                                       | 106'10"                  | 135'0"                   | 993,837                     | 23,865                    | 21,506                    | 19,093                    | 32.55                      | 41.14                      | 28,142                            |



# 4022 & 4032 SPECIFICATIONS

## 40-SERIES GRAIN BINS

| DIAMETER<br>(FEET) | RING | MAXIMUM<br>CAPACITY<br>(BUSHELS)<br>NO PLENUM | EAVE<br>HEIGHT<br>(FEET) | PEAK<br>HEIGHT<br>(FEET) | CAPACITY<br>(CUBIC<br>FEET) | METRIC TONS<br>800 KG/M <sup>3</sup> | METRIC TONS<br>721 KG/M <sup>3</sup> | METRIC TONS<br>640 KG/M <sup>3</sup> | EAVE<br>HEIGHT<br>(METERS) | PEAK<br>HEIGHT<br>(METERS) | MAXIMUM<br>CAP. (CUBIC<br>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                                       | 66'10"                   | 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                            |
|                    | 35   | 1,270,878                                     | 93'6"                    | 129'5"                   | 1,491,483                   | 35,813                               | 32,277                               | 28,653                               | 28.50                      | 39.44                      | 42,235                            |
|                    | 36   | 1,303,060                                     | 96'2"                    | 132'1"                   | 1,529,251                   | 36,720                               | 33,094                               | 29,379                               | 29.31                      | 40.25                      | 43,305                            |
|                    | 37   | 1,335,242                                     | 98'10"                   | 134'9"                   | 1,567,019                   | 37,627                               | 33,911                               | 30,105                               | 30.12                      | 41.06                      | 44,375                            |
|                    | 38   | 1,367,424                                     | 101'6"                   | 137'5"                   | 1,604,787                   | 38,534                               | 34,728                               | 30,831                               | 30.93                      | 41.88                      | 45,445                            |
|                    | 39   | 1,399,606                                     | 104'2"                   | 140'1"                   | 1,642,555                   | 39,441                               | 35,545                               | 31,557                               | 31.74                      | 42.69                      | 46,515                            |
|                    | 40   | 1,431,788                                     | 106'10"                  | 142'9"                   | 1,680,323                   | 40,348                               | 36,362                               | 32,283                               | 32.55                      | 43.50                      | 47,585                            |
| 156                | 12   | 738,303                                       | 32'2"                    | 74'3"                    | 866,461                     | 20,805                               | 18,751                               | 16,645                               | 9.80                       | 28.17                      | 24,535                            |
|                    | 13   | 781,275                                       | 34'10"                   | 76'11"                   | 916,893                     | 22,016                               | 19,843                               | 17,614                               | 10.62                      | 28.98                      | 25,964                            |
|                    | 14   | 824,248                                       | 37'6"                    | 79'7"                    | 967,325                     | 23,227                               | 20,934                               | 18,583                               | 11.43                      | 29.79                      | 27,392                            |
|                    | 15   | 867,221                                       | 40'2"                    | 82'3"                    | 1,017,757                   | 24,438                               | 22,025                               | 19,552                               | 12.24                      | 30.61                      | 28,820                            |
|                    | 16   | 910,194                                       | 42'10"                   | 84'11"                   | 1,068,190                   | 25,649                               | 23,117                               | 20,521                               | 13.06                      | 31.42                      | 30,248                            |
|                    | 17   | 953,166                                       | 45'6"                    | 87'7"                    | 1,118,622                   | 26,860                               | 24,208                               | 21,489                               | 13.87                      | 32.23                      | 31,676                            |
|                    | 18   | 996,139                                       | 48'2"                    | 90'3"                    | 1,169,054                   | 28,071                               | 25,300                               | 22,458                               | 14.68                      | 33.04                      | 33,104                            |
|                    | 19   | 1,039,112                                     | 50'10"                   | 92'11"                   | 1,219,486                   | 29,282                               | 26,391                               | 23,427                               | 15.49                      | 33.86                      | 34,532                            |
|                    | 20   | 1,082,085                                     | 53'6"                    | 95'7"                    | 1,269,918                   | 30,493                               | 27,483                               | 24,396                               | 16.31                      | 34.67                      | 35,960                            |
|                    | 21   | 1,125,058                                     | 56'2"                    | 98'3"                    | 1,320,351                   | 31,704                               | 28,574                               | 25,365                               | 17.12                      | 35.48                      | 37,388                            |
|                    | 22   | 1,168,030                                     | 58'10"                   | 100'11"                  | 1,370,783                   | 32,915                               | 29,665                               | 26,334                               | 17.93                      | 36.29                      | 38,816                            |
|                    | 23   | 1,211,003                                     | 61'6"                    | 103'7"                   | 1,421,215                   | 34,126                               | 30,757                               | 27,303                               | 18.75                      | 37.11                      | 40,244                            |
|                    | 24   | 1,253,976                                     | 64'2"                    | 106'3"                   | 1,471,647                   | 35,337                               | 31,848                               | 28,271                               | 19.56                      | 37.92                      | 41,672                            |
|                    | 25   | 1,296,949                                     | 64'10"                   | 108'11"                  | 1,522,079                   | 36,547                               | 32,940                               | 29,240                               | 20.37                      | 38.73                      | 43,100                            |
|                    | 26   | 1,339,921                                     | 69'6"                    | 111'7"                   | 1,572,512                   | 37,758                               | 34,031                               | 30,209                               | 21.18                      | 39.55                      | 44,529                            |
|                    | 27   | 1,382,894                                     | 72'2"                    | 114'3"                   | 1,622,944                   | 38,969                               | 35,122                               | 31,178                               | 22.00                      | 40.36                      | 45,957                            |
|                    | 28   | 1,425,867                                     | 74'10"                   | 116'11"                  | 1,673,376                   | 40,180                               | 36,214                               | 32,147                               | 22.81                      | 41.17                      | 47,385                            |
|                    | 29   | 1,468,840                                     | 77'6"                    | 119'7"                   | 1,723,808                   | 41,391                               | 37,305                               | 33,116                               | 23.62                      | 41.98                      | 48,813                            |
|                    | 30   | 1,511,812                                     | 80'2"                    | 122'3"                   | 1,774,240                   | 42,602                               | 38,397                               | 34,084                               | 24.43                      | 42.80                      | 50,241                            |
|                    | 31   | 1,554,785                                     | 82'10"                   | 124'11"                  | 1,824,672                   | 43,813                               | 39,488                               | 35,053                               | 25.25                      | 43.61                      | 51,669                            |
|                    | 32   | 1,597,758                                     | 85'6"                    | 127'7"                   | 1,875,105                   | 45,024                               | 40,579                               | 36,022                               | 26.06                      | 44.42                      | 53,097                            |
|                    | 33   | 1,640,731                                     | 88'2"                    | 130'3"                   | 1,925,537                   | 46,235                               | 41,671                               | 36,991                               | 26.87                      | 45.24                      | 54,525                            |
|                    | 34   | 1,683,703                                     | 90'10"                   | 132'11"                  | 1,975,969                   | 47,446                               | 42,762                               | 37,960                               | 27.69                      | 46.05                      | 55,953                            |
|                    | 35   | 1,726,676                                     | 93'6"                    | 135'7"                   | 2,026,401                   | 48,657                               | 43,854                               | 38,929                               | 28.50                      | 46.86                      | 57,381                            |
|                    | 36   | 1,769,649                                     | 96'2"                    | 138'3"                   | 2,076,833                   | 49,868                               | 44,945                               | 39,897                               | 29.31                      | 47.67                      | 58,809                            |
|                    | 37   | 1,812,622                                     | 98'10"                   | 140'11"                  | 2,127,266                   | 51,079                               | 46,037                               | 40,866                               | 30.12                      | 48.49                      | 60,237                            |
|                    | 38   | 1,855,595                                     | 101'6"                   | 143'7"                   | 2,177,698                   | 52,290                               | 47,128                               | 41,835                               | 30.93                      | 49.30                      | 61,666                            |
|                    | 39   | 1,898,567                                     | 104'2"                   | 146'3"                   | 2,228,130                   | 53,501                               | 48,219                               | 42,804                               | 31.74                      | 50.11                      | 63,094                            |
|                    | 40   | 1,941,540                                     | 106'10"                  | 148'11"                  | 2,278,562                   | 54,712                               | 49,311                               | 43,773                               | 32.55                      | 50.93                      | 64,522                            |

- 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° angle of repose.
- Max. bushels and metric tons based on 28 degree angle of repose and 6% compaction factor.
- Peak heights shown for 30.5 degree sloped roofs.

- Typical grain densities are as follows:
  - Wheat approximately 800 kg/m<sup>3</sup> (50 lb/ft<sup>3</sup>)
  - Corn approximately 721 kg/m<sup>3</sup> (45 lb/ft<sup>3</sup>)
  - Rice approximately 640 kg/m<sup>3</sup> (40 lb/ft<sup>3</sup>).
- Other rings heights available in some diameters, contact your dealer for details.

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