

SMOOTHWALL BINS

MERIDIAN



MERIDIAN

## PEOPLE.

The driving force at Meridian Manufacturing is the committed ingenuity of employees and dealers, as well as relationships built with our valued customers. Our team takes pride in the work we do and are committed to delivering innovative and reliable storage and handling products.



## PRODUCTS

For Meridian Manufacturing, integrity means setting standards in product and service excellence. As a proven industry leader, our commitment to product innovation and customer support is our greatest pursuit.



## PERFORMANCE

Our people and products deliver quality performance for you and your operation. We believe that when you are successful, so are we.



## MERIDIAN SMOOTHWALL BINS

# STAND THE TEST OF TIME

**STRONG** ENOUGH FOR SAND. **SECURE** ENOUGH FOR SEED. **RELIABLE** FOR GENERATIONS.



Grain, Seed, Feed and Fertilizer— for all the high value products you store and handle on your farm there is a Meridian SmoothWall Hopper Bin. With a standard powder coat exterior and available powder coat interior, Meridian bins have proven to last for generations. They retain their superior industry value and are easily relocated.

Meridian built the first SmoothWall Hopper Bin in 1965 and continues to set the bar for excellence in the industry. Whether you are looking to invest in farm storage that transfers value to the next generation or get the maximum return on your investment, you can count on Meridian SmoothWall Bins.



**MERIDIAN'S PRE-ENGINEERED PREMIUM POWDER COAT FINISH** (MPS-1000) has a Salt Spray Rating of more than 2,000 hours, 3-4x more than wet paint standards. The superior adhesion and smooth, long-lasting finish of polyester coating ensures that Meridian SmoothWall Hopper Bins will be incredibly durable and will stand the test of time. Meridian's exterior finish is backed by our 5 Year Paint Warranty.



**GRAINMAX BINS ARE COMPLETELY SELF CLEANING AND OBSTRUCTION FREE WITH UNMATCHED EFFICIENCY.**  
GM4000 PICTURED



| Model Number   | Approx. Bushels | Cubic Feet | Imp. Tons | Metric Tonnes | Bin Height | Recommended Auger |
|--|-----------------|------------|-----------|---------------|------------|-------------------|
| <b>14' Diameter GrainMax - 40 Degree Bottom Cone</b>   |                 |            |           |               |            |                   |
| GM2300   | 2301            | 2707       | 69        | 63            | 26'-3"     | 46'               |
| <b>15.5' Diameter GrainMax - 40 Degree Bottom Cone</b> |                 |            |           |               |            |                   |
| GM3000   | 3003            | 3575       | 90        | 82            | 28'-9"     | 53'               |
| GM4000   | 3796            | 4515       | 114       | 103           | 33'-9"     | 66'               |
| GM5000   | 4591            | 5457       | 138       | 125           | 38'-9"     | 66'               |
| GM6000   | 5385            | 6399       | 162       | 147           | 43'-9"     | 72'               |
| <b>16' Diameter GrainMax - 40 Degree Bottom Cone</b>   |                 |            |           |               |            |                   |
| GM3000   | 3264            | 3840       | 98        | 89            | 28'-11"    | 53'               |
| GM4000   | 4118            | 4845       | 124       | 112           | 33'-11"    | 66'               |
| GM5000   | 4973            | 5851       | 149       | 135           | 38'-11"    | 66'               |
| GM6000   | 5828            | 6856       | 175       | 159           | 43'-11"    | 72'               |
| <b>18' Diameter GrainMax - 40 Degree Bottom Cone</b>   |                 |            |           |               |            |                   |
| GM5300   | 5324            | 6263       | 160       | 145           | 35'-6"     | 66'               |
| GM6400   | 6405            | 7536       | 192       | 174           | 40'-6"     | 66'               |
| GM7500   | 7488            | 8809       | 225       | 204           | 45'-6"     | 79'               |
| <b>20' Diameter - 40 Degree Bottom Cone</b>            |                 |            |           |               |            |                   |
| 2035   | 10589           | 12585      | 318       | 288           | 51'-10"    | 85'               |

Not all sizes available in all regions. Contact [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) for full details.

To select the most appropriate bin size for your storage, please follow these steps:

- Determine product density (lbs/ft<sup>3</sup>).
- Convert the total tonnage being stored to lbs, then divide by the density. The result is the cubic foot capacity you require.  
Ex. You need to store 100 MT of urea fertilizer with a density of 48 lbs. 100 x 2204 = 220,400 / 48 = 4592 (Min. ft<sup>3</sup> required).

To calculate a bins holding capacity of a specific product, follow these steps:

- Determine product density (lbs/ft<sup>3</sup>).
- Multiply the bins cubic foot capacity by the product density, then divide by 2204.  
Ex. Fertilizer blend weighs 57 lbs./ft<sup>3</sup> & you are purchasing a model 1620 fertilizer bin. Model 1620 = 4837 ft<sup>3</sup> x 57 lbs. = 275,709/2204 = 125 MT. Your new 1620 will hold approx. 125 MT of your specific fertilizer blend.



Meridian GrainMax Hopper Bins offer top quality grain and seed storage at prices comparable to corrugated hopper combos. Without bolts and ribs, the GrainMax's seamless interior allows for safe and easy unloading, while ensuring no seed or contaminates trapped on the walls or joints.

Completely self-cleaning with no obstructions, Meridian GrainMax Hopper Bins are the safest and most efficient grain bins available. You and your family will appreciate the quality and safety of GrainMax bins, as well as the time and energy saved handling grain in a smoothwall bin.

**STANDARD FEATURES:**

- HSS (hollow structural steel) legs and bracing
- Premium Rack-n-Pinion slide gate assembly with crank
- Complete sidewall and roof ladder
- 25" top opening
- Vented top lid – spring loaded and ground operated
- Minimum 40 degree bottom cone and 35 degree roof cone
- 24" clearance under the slide gate
- Retractable ladder

**GM4000**  
GRAINMAX SERIES APPROX. 4,000 BUSHELS

# MULTI-PURPOSE BINS

# MULTI-PURPOSE BINS



GRAIN



SEED



FERTILIZER

**MAXIMIZE YOUR STORAGE  
VERSATILITY WITH MERIDIAN  
MULTI-PURPOSE BINS**

1620 PICTURED

| Model Number   | Approx. Bushels | Cubic Feet | Imp. Tons | Metric Tonnes | Bin Height | Recommended Auger |
|--|-----------------|------------|-----------|---------------|------------|-------------------|
| <b>12' Diameter Multi-Purpose - 45 Degree Bottom Cone</b>    |                 |            |           |               |            |                   |
| 1205   | 806             | 949        | 29        | 27            | 16'-8"     | 33'               |
| 1208   | 1095            | 1288       | 40        | 36            | 19'-8"     | 39'               |
| 1210   | 1287            | 1514       | 47        | 43            | 21'-8"     | 39'               |
| 1212   | 1479            | 1740       | 54        | 49            | 23'-8"     | 46'               |
| 1215   | 1768            | 2080       | 64        | 58            | 26'-9"     | 46'               |
| <b>14'-0" Diameter Multi-Purpose - 45 Degree Bottom Cone</b> |                 |            |           |               |            |                   |
| 1410   | 1801            | 2146       | 67        | 60            | 23'-4"     | 46'               |
| 1412   | 2060            | 2454       | 76        | 69            | 25'-4"     | 46'               |
| 1415   | 2449            | 2914       | 90        | 82            | 28'-4"     | 53'               |
| 1417   | 2708            | 3222       | 100       | 91            | 30'-4"     | 53'               |
| 1420   | 3097            | 3683       | 114       | 104           | 33'-4"     | 59'               |
| <b>15.5' Diameter Multi-Purpose - 40 Degree Bottom Cone</b>  |                 |            |           |               |            |                   |
| 15610  | 2241            | 2636       | 82        | 74            | 23'-9"     | 41'               |
| 15612  | 2526            | 3010       | 93        | 85            | 25'-9"     | 46'               |
| 15615  | 3003            | 3575       | 111       | 101           | 28'-9"     | 53'               |
| 15617  | 3320            | 3952       | 123       | 111           | 30'-9"     | 59'               |
| 15620  | 3796            | 4515       | 140       | 127           | 33'-9"     | 66'               |
| 15625  | 4589            | 5455       | 169       | 153           | 38'-9"     | 66'               |
| 15630  | 5383            | 6396       | 198       | 180           | 43'-9"     | 72'               |
| <b>16' Diameter Multi-Purpose - 40 Degree Bottom Cone</b>    |                 |            |           |               |            |                   |
| 1610   | 2410            | 2831       | 88        | 80            | 23'-11"    | 46'               |
| 1612   | 2751            | 3233       | 100       | 91            | 25'-11"    | 46'               |
| 1615   | 3264            | 3835       | 119       | 108           | 28'-11"    | 53'               |
| 1617   | 3606            | 4237       | 131       | 119           | 30'-11"    | 59'               |
| 1620   | 4119            | 4837       | 150       | 136           | 33'-11"    | 66'               |
| 1625   | 4973            | 5839       | 181       | 164           | 38'-11"    | 66'               |
| 1630   | 5828            | 6842       | 212       | 192           | 43'-11"    | 72'               |
| <b>18' Diameter Multi-Purpose - 40 Degree Bottom Cone</b>    |                 |            |           |               |            |                   |
| 1810   | 3161            | 3719       | 115       | 105           | 25'-6"     | 46'               |
| 1815   | 4242            | 4991       | 155       | 140           | 30'-6"     | 53'               |
| 1820   | 5324            | 6263       | 194       | 176           | 35'-6"     | 66'               |
| 1825   | 6405            | 7536       | 234       | 212           | 40'-6"     | 66'               |
| 1830   | 7488            | 8809       | 273       | 248           | 45'-6"     | 79'               |

**CALCULATIONS**

Bushel capacities are approximate. All fertilizer bins, steep cone bins and liquid bins capacities are based on 62 lbs/ft<sup>3</sup>.

Not all sizes available in all regions. Contact [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) for full details.



Meridian's Multi-Purpose Bins are used to handle and store fertilizer, grain, feed and seed as well as coal and any other free-flowing, dry granular commodity. With a powder coat finish inside and out, these heavy-duty bins offer dependable storage along with resistance to corrosion and abrasion, even when storing fertilizer. Meridian offers a variety of powder chemistry options including zinc and epoxies to ensure years of trouble free storage.

Contact Meridian's sales team for any questions regarding our bins, including Series II, powder coating options and custom build requirements.

**STANDARD FEATURES:**

- HSS (hollow structural steel) legs and bracing
- Premium Rack-n-Pinion slide gate assembly with crank
- Complete sidewall and roof ladder
- 25" top opening
- Vented top lid – spring loaded and ground operated
- Minimum 40 degree bottom cone and 35 degree roof cone
- 24" clearance under the slide gate
- Interior powder coat finish
- Stainless steel slide plate
- Retractable ladder





**PRESERVE YOUR FEED QUALITY  
WITH MERIDIAN FEED BINS**



FEED

Shown with available vent tube & fill tube

| Model Number  | Approx. Bushels | Cubic Feet | Imp. Tons | Metric Tonnes | Bin Height | Recommended Auger |
|---|-----------------|------------|-----------|---------------|------------|-------------------|
| <b>7' Diameter Feed Bins - 60 Degree Bottom Cone</b>  |                 |            |           |               |            |                   |
| 705   | 252             | 301        | 6.3       | 5.7           | 14'-9"     | 33'               |
| 708   | 349             | 416        | 8.7       | 7.9           | 17'-9"     | 33'               |
| 710   | 414             | 492        | 10.3      | 9.3           | 19'-9"     | 39'               |
| <b>8' Diameter Feed Bins - 55 Degree Bottom Cone</b>  |                 |            |           |               |            |                   |
| 808   | 456             | 543        | 11.4      | 10.3          | 18'        | 39'               |
| 810   | 541             | 643        | 13.5      | 12.2          | 20'        | 39'               |
| 812   | 625             | 744        | 15.6      | 14.1          | 22'        | 39'               |
| <b>9' Diameter Feed Bins - 55 Degree Bottom Cone</b>  |                 |            |           |               |            |                   |
| 910   | 703             | 837        | 17.5      | 15.9          | 21'        | 39'               |
| 912   | 811             | 964        | 20.2      | 18.3          | 23'        | 46'               |
| 915   | 971             | 1154       | 24.2      | 21.9          | 26'        | 46'               |
| <b>10' Diameter Feed Bins - 55 Degree Bottom Cone</b> |                 |            |           |               |            |                   |
| 1010  | 892             | 1061       | 22.2      | 20.1          | 22'-2"     | 39'               |
| 1012  | 1024            | 1218       | 25.5      | 23.1          | 24'-2"     | 46'               |
| 1015  | 1222            | 1453       | 30.4      | 27.6          | 27'-2"     | 53'               |

**CALCULATIONS**

Bushel capacities are approximate.

Feed bin capacities are based on 40 lbs/ft<sup>3</sup>.

LARGER DIAMETER & CAPACITY BINS SUITABLE FOR FEED AVAILABLE, SEE NEXT PAGE FOR STEEP CONE BIN SPECIFICATIONS.

Not all sizes available in all regions. Contact [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) for full details.



Meridian's SmoothWall Feed Bins are designed with feed quality and management in mind. The advantage of Meridian's SmoothWall design is very evident in feed storage. Smooth cone and side-wall surfaces, without bolts or ribs, a bottom cone of 55 or 60 degrees, and our exclusive interior high slip factor powder coating, ensure feed discharge without hang ups and entrapments and reduces spoilage and unnecessary expenses.

Ask our sales team about available options such as feed tubes, vent tubes, level indicators and more.

**STANDARD FEATURES:**

- HSS (hollow structural steel) legs and bracing
- Complete sidewall and roof ladder
- Retractable ladder
- 25" top opening
- Vented top lid – spring loaded and ground operated
- Minimum 30" clearance under discharge ring
- Interior powder coat finish
- Premium Rack-n-Pinion slide gate assembly with crank





**ELIMINATE HANGUPS  
WITH MERIDIAN STEEP  
CONE BINS.**



| Model Number  | Approx. Bushels | Cubic Feet | MT (Fertilizer) | MT (Feed) | Bin Height | Recommended Auger |
|---|-----------------|------------|-----------------|-----------|------------|-------------------|
| <b>12' Diameter Steep Cone Series - 55 Degree Bottom Cone</b>   |                 |            |                 |           |            |                   |
| 1208-55   | 1178            | 1382       | 39              | 25        | 22'        | 46'               |
| 1210-55   | 1371            | 1607       | 45              | 29        | 24'        | 46'               |
| 1212-55   | 1563            | 1833       | 52              | 33        | 26'        | 46'               |
| 1215-55   | 1851            | 2171       | 61              | 39        | 29'        | 53'               |
| <b>14' Diameter Steep Cone Series - 55 Degree Bottom Cone</b>   |                 |            |                 |           |            |                   |
| 1410-55   | 1928            | 2297       | 65              | 42        | 26'        | 46'               |
| 1412-55   | 2187            | 2605       | 73              | 47        | 28'        | 53'               |
| 1415-55   | 2576            | 3065       | 86              | 56        | 31'        | 59'               |
| 1417-55   | 2835            | 3372       | 95              | 61        | 33'        | 66'               |
| 1420-55   | 3224            | 3833       | 108             | 70        | 36'        | 66'               |
| <b>15.5' Diameter Steep Cone Series - 55 Degree Bottom Cone</b> |                 |            |                 |           |            |                   |
| 15.510-55   | 2447            | 2917       | 82              | 53        | 28'        | 53'               |
| 15.512-55   | 2765            | 3293       | 93              | 60        | 30'        | 59'               |
| 15.515-55   | 3242            | 3858       | 109             | 70        | 33'        | 66'               |
| 15.517-55   | 3559            | 4235       | 119             | 77        | 35'        | 66'               |
| 15.520-55   | 4036            | 4800       | 135             | 87        | 38'        | 66'               |
| 15.525-55   | 4830            | 5741       | 161             | 104       | 43'        | 72'               |
| 15.530-55   | 5621            | 6678       | 188             | 121       | 48'        | 85'               |
| <b>16' Diameter Steep Cone Series - 55 Degree Bottom Cone</b>   |                 |            |                 |           |            |                   |
| 1610-55   | 2638            | 3144       | 88              | 57        | 28'        | 53'               |
| 1612-55   | 2976            | 3545       | 100             | 64        | 30'        | 59'               |
| 1615-55   | 3484            | 4147       | 117             | 75        | 33'        | 66'               |
| 1617-55   | 3823            | 4548       | 128             | 83        | 35'        | 66'               |
| 1620-55   | 4330            | 5150       | 145             | 93        | 38'        | 66'               |
| 1625-55   | 5177            | 6153       | 173             | 112       | 43'        | 72'               |
| 1630-55   | 6019            | 7152       | 201             | 130       | 48'        | 85'               |

**CALCULATIONS**  
 Bushel capacities are approximate. All fertilizer bins, steep cone bins and liquid bins capacities are based on 62 lbs/ft<sup>3</sup>.  
 Feed capacities are based on 40 lbs/ft<sup>3</sup>.  
 Not all sizes available in all regions. Contact [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) for full details.



Eliminate hangups with a Meridian Steep Cone Bin. The Meridian Steep Cone Series is your solution for commodities with bridging concerns and inconsistent flow. Built with the same standards as the fertilizer series, a smooth cone with our exclusive high slip factor powder coating, the Meridian Steep Cone features a 55° or 60° bottom cone with capacities up to 201 metric ton.

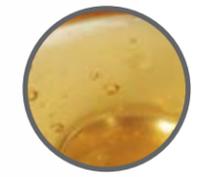
**STANDARD FEATURES:**

- HSS (hollow structural steel) legs and bracing
- Premium Rack-n-Pinion slide gate with crank
- Complete sidewall and roof ladder
- 25" top opening
- Vented top lid – spring loaded and ground operated
- 55 degree or 60 degree bottom cone depending on model
- 35 degree roof cone
- 24" clearance under the slide gate
- Interior powder coat finish
- Retractable ladder





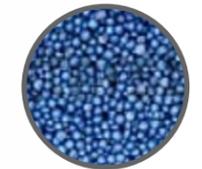
**STORE WITH CONFIDENCE:  
MERIDIAN SMOOTHWALL  
LIQUID HOPPER BINS.**



LIQUIDS



GRAIN



SEED



FERTILIZER

| Model Number  | Cubic Feet | US Gallon | Imp. Gallon | Imp. Tons | Metric Tonnes | Bin Height |
|---|------------|-----------|-------------|-----------|---------------|------------|
| <b>12' Diameter Liquid Bins - 45 Degree Bottom Cone</b>   |            |           |             |           |               |            |
| 1212L   | 1740       | 13,074    | 10,878      | 71        | 64            | 23'-8"     |
| 1412L   | 2452       | 18,339    | 15,270      | 99        | 90            | 25'-4"     |
| <b>15.5' Diameter Liquid Bins - 40 Degree Bottom Cone</b> |            |           |             |           |               |            |
| 15.512L   | 3008       | 22,498    | 18,734      | 122       | 110           | 24'-6"     |
| 15.515L   | 3572       | 26,723    | 22,252      | 145       | 131           | 27'-6"     |
| 15.517L   | 3949       | 29,540    | 24,597      | 160       | 145           | 29'-6"     |
| 15.520L   | 4514       | 33,765    | 28,115      | 183       | 166           | 32'-6"     |
| <b>16' Diameter Liquid Bins - 40 Degree Bottom Cone</b>   |            |           |             |           |               |            |
| 1612L   | 3231       | 24,167    | 20,123      | 131       | 119           | 25'-11"    |
| 1615L   | 3833       | 28,669    | 23,872      | 155       | 141           | 28'-11"    |
| 1617L   | 4234       | 31,671    | 26,371      | 171       | 156           | 30'-11"    |
| 1620L   | 4836       | 36,173    | 30,120      | 196       | 178           | 33'-11"    |

**CALCULATIONS**

Bushel capacities are approximate. All fertilizer bins, steep cone bins and liquid bins capacities are based on 62 lbs/ft<sup>3</sup>.

Not all sizes available in all regions. Contact [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) for full details.



Liquid Measurements



Optional bolt on slide gate assembly for use with dry flowable products.



Heavy duty flanged bottom opening with stainless steel bottom plate assembly.



Meridian's Liquid hopper bins are the ultimate storage solution, delivering versatility and innovation for a multitude of agricultural and commercial requirements. In addition to storing all the dry flowable products of the fertilizer series, these bins are designed, engineered and coated to store a whole range of liquid products such as liquid fertilizer and liquid feed supplements.

With the exception of the bottom flange plate assembly, these bins look identical to the fertilizer bins, differing significantly however, in heavier gauge steel, welded inside and out, four coats of powder chemistry options as well as other standard features.

**STANDARD FEATURES:**

- HSS (hollow structural steel) legs and bracing
- Minimum 12 gauge construction
- Welded - Inside and outside
- 2 interior coats of Meridian's epoxy powder
- 2 exterior coats - Meridian's exclusive premium powder finish and a Zinc undercoat
- Complete sidewall and roof ladder
- Heavy duty flanged bottom opening with stainless steel bottom plate
- 25" top opening
- Vented top lid – spring loaded and ground operated
- Retractable ladder

**1612L**

16' Bin Diameter

12 K Liquid Gallon Capacity



The **MERIDIAN AIRMAX®** system **cools & dries grain and seed, minimizes the risk of bugs, allows earlier harvest and significantly decreases the chance of spoilage.**



| MODELS  | MAX BIN SIZE (BUSHELS) <sup>1</sup> | RECOMMENDED HOPPER BIN SIZE <sup>2</sup>   | DIMENSIONS | DIA. I.D. | WEIGHT (LBS) | SCREEN SURFACE (INCHES) | INLET SIZE AND TYPE | HEIGHT INTO GRAIN CAVITY 35° CONE <sup>3</sup> | HEIGHT INTO GRAIN CAVITY 40° CONE <sup>3</sup> | HEIGHT INTO GRAIN CAVITY 55° CONE <sup>3</sup> |
|---|-------------------------------------|--|------------|-----------|--------------|-------------------------|---------------------|--|--|--|
| <b>VERTICAL AERATION – ONE PIECE</b>  |                                     |  |            |           |              |                         |                     |  |  |  |
| V3004   | 3500                                | 14' & 16' bins up to 3500 bushels. Models 1615, GM3 and smaller                  | 30" x 4'   | 20"       | 385          | 6299                    | 9" x 14" Rect       | n/a  | 86"  | n/a  |
| V3006   | 5000                                | 14' & 16' bins up to 5000 bushels. Models 1625, GM5 and smaller                  | 30" x 6'   | 20"       | 440          | 9656                    | 9" x 14" Rect       | n/a  | 110"   | n/a  |
| V3008   | 6000                                | 14' & 16' bins up to 6000 bushels. Models 1630, GM6 and smaller                  | 30" x 8'   | 20"       | 525          | 13132                   | 9" x 14" Rect       | n/a  | 134"   | n/a  |
| V4504   | 7000                                | 14', 16' & 18' bins up to 7000 bushels. Models 1825, GM64 and smaller            | 45" x 4'   | 30"       | 580          | 9301                    | 14" x 17" Rect      | n/a  | 95"  | n/a  |
| <b>VERTICAL AERATION – SECTIONAL (DESIGNED FOR RETROFITTING EXISTING HOPPER BINS AND HIGH-FLOW APPLICATIONS) <sup>4</sup></b> |                                     |  |            |           |              |                         |                     |  |  |  |
| VS3004  | 5000                                | All bins up to 5000 bushels  | 30" x 4'   | 20"       | 420          | 5245                    | 9" x 14" Rect       | 80"  | 86"  | 99"  |
| VS3006  | 8000                                | All bins up to 8000 bushels  | 30" x 6'   | 20"       | 500          | 7990                    | 9" x 14" Rect       | 104"   | 110"   | 123"   |
| VS4504  | 15000                               | All bins up to 15000 bushels   | 45" x 4'   | 30"       | 600          | 7925                    | 14" x 17" Rect      | 88"  | 95"  | 116"   |
| VS4506  | 20000                               | All bins up to 20000 bushels   | 45" x 6'   | 30"       | 745          | 12100                   | 14" x 17" Rect      | 112"   | 119"   | 140"   |
| <b>HORIZONTAL AERATION (REMOVABLE FOR FERTILIZER STORAGE AND AVAILABLE FOR RETROFITTING EXISTING BINS)</b>                    |                                     |  |            |           |              |                         |                     |  |  |  |
| H1808   | 5000                                | 14' & 16' bins up to 3300 bushels. Models 1615, GM3 and smaller                  | 18" x 8'   | n/a       | 155          | 3478                    | 18" Rnd             | 38"  | 44"  | n/a  |
| H2408   | 6500                                | 14', 16' & 18' bins up to 5000 bushels. Models 1625, 1820, GM500 and smaller     | 24" x 8'   | n/a       | 235          | 4660                    | 24" Rnd             | 44"  | 50"  | n/a  |
| H2410   | 6500                                | 14', 16' & 18' bins up to 6500 bushels. Models 1630, 1825, GM6, GM64 and smaller | 24" x 10'  | n/a       | 285          | 6284                    | 24" Rnd             | 51"  | 59"  | n/a  |
| H2410-HD  | 8,500                               | Up to 18' diameter   | 24" x 10'  | 24"       | 360          | 6284                    | 24" Rnd             | 51"  | 59"  | n/a  |
| H2412-HD  | 11,000                              | Up to 20' diameter   | 24" x 12'  | 24"       | 425          | 7908                    | 24" Rnd             | 58"  | 68"  | n/a  |

1. Recommended bushel capacities for Meridian AirMax® system.

2. Recommended bin model(s) for maximum grain drying and aeration results.

3. Distance from gate to top of aeration mechanism.

4. Meridian AirMax™ Sectional system is an exclusive and unique aeration product allowing installation of vertical aeration in existing hopper bins. This unit is built heavier than the one-piece Meridian AirMax®, withstanding weights up to 20,000 bushels.



## VERTICAL ONE PIECE AERATION

- Aeration system design enables natural air grain drying as conditions permit
- Continuous screen from top to bottom
- Angle rib construction distributes point load pressures
- 24" rib spacing maximizes aeration area
- Full leg support 4" up aeration
- Complete interior screen perforated to lid
- Duct clean out shroud
- Factory installed in 40 & 45 degree Meridian bins
- 3 leg design

## VERTICAL SECTIONAL AERATION

- Aeration system design enables natural air grain drying as conditions permit
- Continuous screen from top to bottom
- Angle rib construction distributes point load pressures
- 24" rib spacing maximizes aeration area
- Full leg support 4" up aeration
- Complete interior screen perforated to lid
- Duct clean out shroud
- Factory installed in 40 & 45 degree Meridian bins
- 3 leg design

## HORIZONTAL AERATION

- Aeration design enables easy removal of aeration tube for cleaning or fertilizer storage
- Continuous screen from end to end
- Angle rib construction distributes point load pressures
- 24" rib spacing maximizes aeration area
- Fits 40 & 45 degree cones
- Bolt-in version is available for installation into existing hopper bins
- Removable duct

AIRMAX® FANS



1 Fan Mounting Bracket



1 Centrifugal Fans



In-line Fans

AIRMAX® AERATION



Vertical One Piece Aeration



Vertical Sectional Aeration



Horizontal Aeration

**VERTICAL NATURAL AIR DRYING SYSTEM:**

- Designed to easily retrofit your existing hopper bins
- Retro system is designed and approved for installation in steeper cones and use in high moisture grain
- Larger screen surface area maximizes the effectiveness of your drying, cooling and aeration efforts
- Optional extra support leg increases stability in high-flow applications
- Full support legs ensure a durable, problem free system

**HORIZONTAL AERATION SYSTEM:**

- Easily removed for quick cleaning or when storing fertilizer
- Larger screen surface area maximizes effectiveness for cooling and aerating grain
- Bolt-in kit available for installation in existing hopper bins



BIN ACCESS OPTIONS



Pale Spout



2 Poke Hole



3 Bottom Manway



4 Roof Manhole



Top Lid Lever Assembly

LEVEL INDICATORS



5 LevAlert



6 View Glass



Liquid Site Gauge Valve

SAFETY



7 Ladder Cage & Handrails



Fall Arrest

MISCELLANEOUS OPTIONS



Bean Ladder



8 Skid Foundation



9 Rack-n-Pinion slide gate assembly

DISCHARGE OPTIONS



Auger Boot



Slide Gate to Chore Time Adaptor

OTHER OPTIONS SUCH AS LEG EXTENSIONS, FILL TUBES, ROOF VENTS, AND VENT TUBES AVAILABLE. CONTACT [SMOOTHWALL@MERIDIANMFG.COM](mailto:SMOOTHWALL@MERIDIANMFG.COM) FOR FULL LIST OF OPTIONS AND AVAILABILITY.



**18' MERIDIAN SMOOTHWALL BINS**  
ARE THE **PERFECT FIT** FOR OUR  
**SEED OPERATION.**  
— DENNIS BENCI, SEED GROWER —

PEOPLE. PRODUCTS. PERFORMANCE.





**PEOPLE. PRODUCTS. PERFORMANCE.**

[meridianmfg.com](http://meridianmfg.com) | [smoothwall@meridianmfg.com](mailto:smoothwall@meridianmfg.com) | (800) 830-2467