

CORRUGATED BINS

MERIDIAN



MERIDIAN

CORRUGATED BINS

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 CORRUGATED BINS

STORAGE BUILT FOR YOUR FARM.



Meridian Manufacturing has over 35 years experience building corrugated bins. Meridian Corrugated Bins are made of 100% galvanized steel construction, and are built utilizing computer assisted manufacturing processes. This ensures that every sheet is accurately rolled, cut and punched, allowing tighter seals at all connection points with a stronger, better built, longer-lasting bin overall.

If your storage needs include grain and seed, safekeeping from spoilage or identity preserved crops and seed, we have the right bin for you. Meridian has a large dealer network, sales team and building crews that are available to determine, deliver and construct the right bin for your farm or seed storage application.



CONTENT | FLAT FLOOR BINS 4 | HOPPER COMBOS 8 | SPLIT HOPPER COMBOS 10 | AERATION 12

FLAT BOTTOM BINS



GET THE **STORAGE** YOU NEED AND **RELIABILITY** YOU CAN TRUST WITH **MERIDIAN FLAT BOTTOM BINS.**
 3607 PICTURED



Meridian Corrugated Flat Bottom Bins are the ideal solution for large capacity grain storage. Our bins are built in diameters from 15' to 42', with capacity ranges up to 56,000 bushels. With over 35 years experience building corrugated bins, you can rely on Meridian for grain storage and handling systems.

TURN-KEY PACKAGES | Take the stress out of your large storage needs with a turn-key bin package. Meridian's most popular flat floor bin packages are the 33', 36' & 42' diameter models ranging from 30,000 – 56,000 bushels with features such as a large bin lid for easy access, three panel walk in door, and full floor aeration with welded floor supports.

FLAT BOTTOM BINS

AIRMAX® FANS



Centrifugal Fans

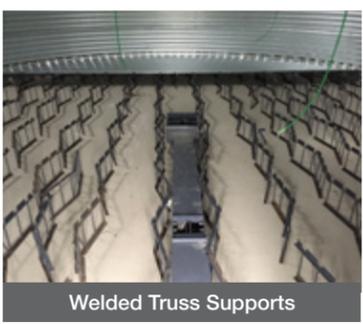


In-line Fans

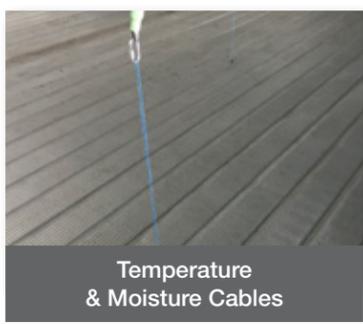
FLOOR FEATURES & OPTIONS



11" U-Trough Unload
c/w 7.25" Bin Sweep



Welded Truss Supports



Temperature
& Moisture Cables

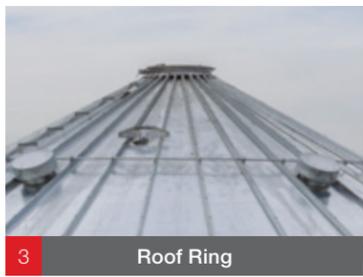
MISCELLANEOUS FEATURES & OPTIONS



1 3 Panel Door



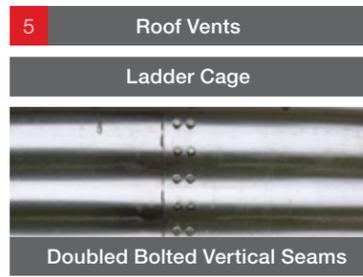
2 Spiral Stair Case



3 Roof Ring



4 LevAlert



5 Roof Vents

Ladder Cage

Doubled Bolted Vertical Seams



STIFFENED BINS

Bin Diameter	Tiers	Bushels	Capacity (Wheat & Soybeans)		Capacity (Corn)		Cubic Feet	Weight		Wall Height (A)	Overall Height (B)	Auger Required*
			tons	MT	tons	MT		lbs.	kg			
18'	8	6823	221 tons	200 MT	191 tons	173 MT	8490 ft³	5878 lbs.	2666 kg	30'-3"	35'-4"	66'
18'	9	7633	247 tons	224 MT	214 tons	194 MT	9498 ft³	6554 lbs.	2973 kg	34'-0"	39'-1"	66'
18'	10	8443	273 tons	248 MT	236 tons	214 MT	10506 ft³	7461 lbs.	3384 kg	37'-10"	42'-10"	72'
18'	11	9253	299 tons	272 MT	259 tons	235 MT	11514 ft³	8197 lbs.	3718 kg	41'-7"	46'-7"	79'
18'	12	10064	326 tons	295 MT	282 tons	256 MT	12522 ft³	9481 lbs.	4301 kg	45'-4"	50'-5"	85'
21'	8	9361	303 tons	275 MT	262 tons	238 MT	11648 ft³	6857 lbs.	3110 kg	30'-3"	36'-2"	66'
21'	9	10464	339 tons	307 MT	293 tons	266 MT	13021 ft³	7641 lbs.	3466 kg	34'-0"	39'-11"	72'
21'	10	11567	374 tons	339 MT	324 tons	294 MT	14393 ft³	8696 lbs.	3944 kg	37'-10"	43'-8"	79'
21'	11	12670	410 tons	372 MT	355 tons	322 MT	15765 ft³	9546 lbs.	4330 kg	41'-7"	47'-6"	79'
21'	12	13772	446 tons	404 MT	386 tons	350 MT	17137 ft³	11045 lbs.	5010 kg	45'-4"	51'-3"	95'
24'	8	12325	399 tons	362 MT	345 tons	313 MT	15336 ft³	7959 lbs.	3610 kg	30'-3"	37'-0"	66'
24'	9	13765	445 tons	404 MT	385 tons	350 MT	17128 ft³	8854 lbs.	4016 kg	34'-0"	40'-10"	72'
24'	10	15205	492 tons	446 MT	426 tons	386 MT	18920 ft³	9981 lbs.	4527 kg	37'-10"	44'-7"	79'
24'	11	16646	539 tons	489 MT	466 tons	423 MT	20712 ft³	11704 lbs.	5309 kg	41'-7"	48'-4"	85'
24'	12	18086	585 tons	531 MT	506 tons	459 MT	22504 ft³	12664 lbs.	5744 kg	45'-4"	52'-1"	95'
27'	8	15722	509 tons	461 MT	440 tons	399 MT	19562 ft³	9463 lbs.	4292 kg	30'-3"	37'-11"	66'
27'	9	17544	568 tons	515 MT	491 tons	446 MT	21831 ft³	10468 lbs.	4748 kg	34'-0"	41'-8"	72'
27'	10	19367	627 tons	568 MT	542 tons	492 MT	24099 ft³	11820 lbs.	5361 kg	37'-10"	45'-5"	79'
27'	11	21190	686 tons	622 MT	593 tons	538 MT	26367 ft³	12923 lbs.	5862 kg	41'-7"	49'-3"	85'
27'	12	23013	745 tons	675 MT	644 tons	584 MT	28635 ft³	14865 lbs.	6743 kg	45'-4"	53'	95'
30'	8	19560	633 tons	574 MT	548 tons	497 MT	24339 ft³	11670 lbs.	5293 kg	30'-3"	38'-5"	66'
30'	9	21811	706 tons	640 MT	611 tons	554 MT	27139 ft³	13097 lbs.	5941 kg	34'-0"	42'-3"	72'
30'	10	24061	778 tons	706 MT	674 tons	611 MT	29939 ft³	14946 lbs.	6779 kg	37'-10"	46'	79'
30'	11	26312	851 tons	772 MT	737 tons	668 MT	32739 ft³	16235 lbs.	7364 kg	41'-7"	49'-9"	85'
30'	12	28562	924 tons	838 MT	800 tons	725 MT	35540 ft³	18941 lbs.	8591 kg	45'-4"	53'-6"	95'
33'	8	23852	772 tons	700 MT	668 tons	606 MT	29679 ft³	13585 lbs.	6162 kg	30'-3"	39'-4"	72'
33'	9	26575	860 tons	780 MT	744 tons	675 MT	33067 ft³	15290 lbs.	6935 kg	34'-0"	43'-1"	79'
33'	10	29298	948 tons	860 MT	820 tons	744 MT	36456 ft³	17041 lbs.	7730 kg	37'-10"	46'-10"	85'
33'	11	32021	1036 tons	940 MT	896 tons	813 MT	39844 ft³	18580 lbs.	8428 kg	41'-7"	50'-8"	95'
33'	12	34744	1124 tons	1020 MT	973 tons	882 MT	43233 ft³	21840 lbs.	9906 kg	45'-4"	54'-5"	105'
36'	8	28605	925 tons	840 MT	801 tons	727 MT	35593 ft³	15443 lbs.	7005 kg	30'-3"	40'-2"	72'
36'	9	31846	1030 tons	935 MT	892 tons	809 MT	39626 ft³	17303 lbs.	7849 kg	34'-0"	43'-11"	79'
36'	10	35086	1135 tons	1030 MT	982 tons	891 MT	43658 ft³	19342 lbs.	8773 kg	37'-10"	47'-9"	95'
36'	11	38327	1240 tons	1125 MT	1073 tons	973 MT	47691 ft³	24887 lbs.	11289 kg	41'-7"	51'-6"	95'
36'	12	41568	1345 tons	1220 MT	1164 tons	1056 MT	51723 ft³	19448 lbs.	8821 kg	45'-4"	55'-3"	105'
42'	7	35120	1136 tons	1031 MT	983 tons	892 MT	43700 ft³	18002 lbs.	8166 kg	26'-6"	38'-2"	79'
42'	8	39531	1279 tons	1160 MT	1107 tons	1004 MT	49189 ft³	21595 lbs.	9795 kg	30'-3"	41'-11"	85'
42'	9	43942	1422 tons	1290 MT	1230 tons	1116 MT	54677 ft³	24189 lbs.	10972 kg	34'-0"	45'-8"	85'
42'	10	48353	1564 tons	1419 MT	1354 tons	1228 MT	60166 ft³	26693 lbs.	12108 kg	37'-10"	49'-5"	95'
42'	11	52764	1707 tons	1549 MT	1477 tons	1340 MT	65654 ft³	---	---	41'-7"	53'-3"	105'
42'	12	57175	1850 tons	1678 MT	1601 tons	1452 MT	71143 ft³	30970 lbs.	14048 kg	45'-4"	57'-0"	105'

UNSTIFFENED BINS

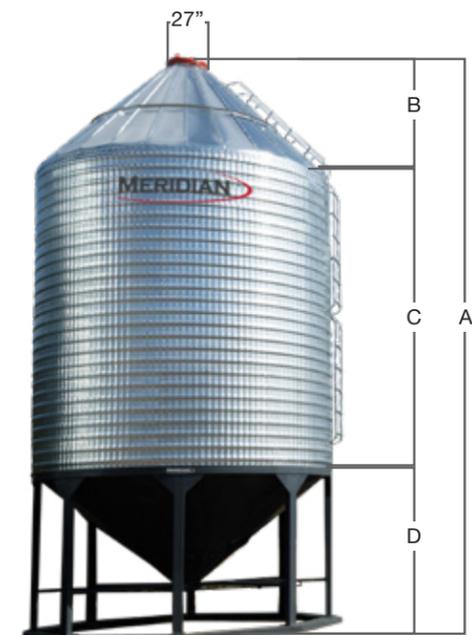
Bin Diameter	Tiers	Bushels	Capacity (Wheat & Soybeans)		Capacity (Corn)		Cubic Feet	Weight		Eave Height (A)	Overall Height (B)	Auger Required*
			tons	MT	tons	MT		lbs.	kg			
15'	3	1887	61 tons	55 MT	53 tons	48 MT	2348 ft³	1883 lbs.	854 kg	11'-5"	15'-7"	33'
15'	4	2449	79 tons	72 MT	69 tons	62 MT	3048 ft³	2385 lbs.	1082 kg	15'-2"	19'-4"	39'
15'	5	3012	97 tons	88 MT	84 tons	76 MT	3748 ft³	2986 lbs.	1354 kg	18'-11"	23'-1"	46'
15'	6	3575	116 tons	105 MT	100 tons	91 MT	4448 ft³	3616 lbs.	1640 kg	22'-8"	26'-11"	53'
15'	7	4137	134 tons	121 MT	116 tons	105 MT	5148 ft³	4442 lbs.	2015 kg	26'-6"	30'-8"	59'
18'	3	2772	90 tons	81 MT	78 tons	70 MT	3449 ft³	2253 lbs.	1022 kg	11'-5"	16'-5"	33'
18'	4	3582	116 tons	105 MT	100 tons	91 MT	4457 ft³	2958 lbs.	1342 kg	15'-2"	20'-2"	39'
18'	5	4392	142 tons	129 MT	123 tons	112 MT	5465 ft³	3567 lbs.	1618 kg	18'-11"	23'-12"	53'
18'	6	5203	168 tons	153 MT	146 tons	132 MT	6473 ft³	4421 lbs.	2005 kg	22'-8"	27'-9"	53'
18'	7	6013	195 tons	176 MT	168 tons	153 MT	7482 ft³	5362 lbs.	2432 kg	26'-6"	31'-6"	59'
21'	3	3848	124 tons	113 MT	108 tons	98 MT	4788 ft³	2706 lbs.	1227 kg	11'-5"	17'-4"	39'
21'	4	4950	160 tons	145 MT	139 tons	126 MT	6160 ft³	3541 lbs.	1606 kg	15'-2"	21'-1"	46'
21'	5	6053	196 tons	178 MT	169 tons	154 MT	7532 ft³	4268 lbs.	1936 kg	18'-11"	24'-10"	53'
21'	6	7156	232 tons	210 MT	200 tons	182 MT	8904 ft³	5361 lbs.	2432 kg	22'-8"	28'-7"	53'
21'	7	8259	267 tons	242 MT	231 tons	210 MT	10276 ft³	6673 lbs.	3027 kg	26'-6"	32'-5"	59'
24'	4	6563	212 tons	193 MT	184 tons	167 MT	8167 ft³	4044 lbs.	1834 kg	15'-2"	21'-11"	46'
24'	5	8004	259 tons	235 MT	224 tons	203 MT	9959 ft³	4922 lbs.	2233 kg	18'-11"	25'-8"	53'
24'	6	9444	306 tons	277 MT	264 tons	240 MT	11751 ft³	6213 lbs.	2818 kg	22'-8"	29'-6"	59'
24'	7	10884	352 tons	319 MT	305 tons	276 MT	13543 ft³	7669 lbs.	3479 kg	26'-6"	33'-3"	59'
27'	4	8430	273 tons	247 MT	236 tons	214 MT	10489 ft³	5120 lbs.	2322 kg	15'-2"	22'-10"	46'
27'	5	10253	332 tons	301 MT	287 tons	260 MT	12758 ft³	6319 lbs.	2866 kg	18'-11"	26'-7"	53'
27'	6	12076	391 tons	354 MT	338 tons	307 MT	15026 ft³	7802 lbs.	3539 kg	22'-8"	30'-4"	59'
27'	7	13899	450 tons	408 MT	389 tons	353 MT	17294 ft³	9396 lbs.	4262 kg	26'-6"	34'-1"	59'
30'	4	10558	342 tons	310 MT	296 tons	268 MT	13137 ft³	6608 lbs.	2997 kg	15'-2"	23'-4"	46'
30'	5	12808	414 tons	376 MT	359 tons	325 MT	15938 ft³	7502 lbs.	3403 kg	18'-11"	27'-2"	53'
30'	6	15059	487 tons	442 MT	422 tons	382 MT	18738 ft³	9067 lbs.	4113 kg	22'-8"	30'-11"	59'
30'	7	17309	560 tons	508 MT	485 tons	440 MT	21538 ft³	10873 lbs.	4932 kg	26'-6"	34'-8"	59'
33'	4	12959	419 tons	380 MT	363 tons	329 MT	16125 ft³	7637 lbs.	3464 kg	15'-2"	24'-3"	46'
33'	5	15683	507 tons	460 MT	439 tons	398 MT	19514 ft³	8870 lbs.	4023 kg	18'-11"	27'-12"	53'
33'	6	18406	595 tons	540 MT	515 tons	467 MT	22902 ft³	10592 lbs.	4804 kg	22'-8"	31'-9"	59'
33'	7	21129	684 tons	620 MT	592 tons	537 MT	26291 ft³	12576 lbs.	5704 kg	26'-6"	35'-6"	66'
36'	4	15642	506 tons	459 MT	438 tons	397 MT	19463 ft³	8565 lbs.	3885 kg	15'-2"	25'-1"	59'
36'	5	18883	611 tons	554 MT	529 tons	480 MT	23496 ft³	9847 lbs.	4467 kg	18'-11"	28'-10"	59'
36'	6	22123	716 tons	649 MT	619 tons	562 MT	27528 ft³	11726 lbs.	5319 kg	22'-8"	32'-8"	59'
36'	7	25364	821 tons	744 MT	710 tons	644 MT	31561 ft³	13887 lbs.	6299 kg	26'-6"	36'-5"	66'
42'	4	21887	708 tons	642 MT	613 tons	556 MT	27234 ft³	10767 lbs.	4884 kg	15'-2"	26'-10"	59'
42'	5	26298	851 tons	772 MT	736 tons	668 MT	32723 ft³	12954 lbs.	5876 kg	18'-11"	30'-7"	66'
42'	6	30709	993 tons	901 MT	860 tons	780 MT	38211 ft³	15470 lbs.	7017 kg	22'-8"	34'-4"	72'



3607

36' Bin Diameter
7 Rings of Wall Sheets

*24" Concrete pad calculated into overall height for auger length
**Auger length is based on level ground. If ground slopes away from bin it needs to be taken into consideration



1605DC Pictured



PERFORMANCE READY TO DELIVER:
MERIDIAN HOPPER COMBOS
 1806 PICTURED

1806 SC
 18' Bin Diameter | 6 Rings of Wall Sheets | SINGLE CORRUGATED

Hopper Combo	Bushel Capacity	Diameter	Overall Height (A)	Roof Height (B)	Wall Height (C)	Cone/Skid Height (D)	Bin Weight	Cone Weight	Overall Weight	Auger Requirement
1505 SC	3,342	15'	31'-4"	4'-5"	20'-5"	8'-10"	5,606 lbs.	2,620 lbs.	6,956 lbs.	59'
1506 SC	3,909	15'	35'-11"	4'-5"	23'-4"	8'-10"	6,236 lbs.	2,620 lbs.	7,586 lbs.	59'
1604 DC	3,548	15'10"	31'-5"	7'-4"	16'-3.5"	7'-9"	5,520 lbs.	2,640 lbs.	6,970 lbs.	59'
1605 DC	4,170	15'10"	35'-2"	7'-4"	20'-0.5"	7'-9"	6,225 lbs.	2,640 lbs.	7,675 lbs.	59'
1805 SC	4,874	18'	32'-11"	5'-1"	18'-11"	8'-6"	6,667 lbs.	3,100 lbs.	8,247 lbs.	59'
1806 SC	5,690	18'	36'-8"	5'-1"	22'-8"	8'-6"	8,821 lbs.	3,400 lbs.	10,421 lbs.	66'
2105 SC	6,804	21'	35'-1"	6'-2"	18'-11"	9'-8"	8,930 lbs.	4,660 lbs.	11,530 lbs.	66'
2106 SC	7,914	21'	38'-10"	6'-2"	22'-8"	9'-8"	10,020 lbs.	4,660 lbs.	12,620 lbs.	66'

**Auger length is based on level ground. If ground slopes away from bin it needs to be taken into consideration



Meridian Corrugated Hopper Combos combine the handling efficiency of a hopper bottom bin with the economical price and capacity of corrugated bins.

STANDARD COMBOS | Meridian Hopper Combos are available in pre-built, ready to deliver models up to 5,700 bushels, in both single and double corrugation.

STANDARD FEATURES:

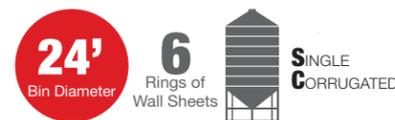
- HSS (hollow structural steel) legs and bracing
- Premium Rack-n-Pinion slide gate assembly with crank
- 27" top opening
- Vented top lid – spring loaded and ground operated
- Min. 35 degree bottom cone and 30 degree roof cone
- Sidewall and roof ladder
- 24" clearance under the slide gate



**EFFICIENCY MEETS CAPACITY:
SPLIT HOPPER COMBOS**
2406 PICTURED



2406 SC



Hopper Combo	Bushel Capacity	Diameter	Overall Height (A)	Roof Height (B)	Wall Height (C)	Cone/Skid Height (D)	Bin Weight	Cone Weight	Overall Weight	Auger Requirement
2406 SC	10,498	24'	41'-1"	7'-2"	22'-8"	10'-10"	13,513 lbs.	7,300 lbs.	15,963 lbs.	66'
2706 SC	13,643	27'	43'-5"	8'-3"	22'-8"	12'-1"	16,801 lbs.	9,000 lbs.	19,701 lbs.	72'

**Auger length is based on level ground. If ground slopes away from bin it needs to be taken into consideration



Meridian Split Hopper Combos are designed for efficient installation and ease of transport. Shipping the cone in two pieces and installing on site, allows transport of larger capacities, while eliminating wide load shipping issues. These bins range up to 13,600 bushels, with options such as staircases, aeration, skid bases and more.

STANDARD FEATURES:

- HSS (hollow structural steel) legs and bracing
- Sidewall and roof ladder
- 27" top opening
- Vented top lid – spring loaded and ground operated
- Premium Rack-n-Pinion slide gate assembly with crank



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 (BUSHEL) ¹	DIMENSIONS	DIA. I.D	WEIGHT (LBS)	SCREEN SURFACE (INCHES)	INLET SIZE AND TYPE	HEIGHT INTO GRAIN CAVITY 35° CONE ³	HEIGHT INTO GRAIN CAVITY 40° CONE ³	HEIGHT INTO GRAIN CAVITY 55° CONE ³
VERTICAL AERATION – ONE PIECE									
V3004	3500	30" x 4'	20"	385	6299	9" x 14" Rect	n/a	86"	n/a
V3006	5000	30" x 6'	20"	440	9656	9" x 14" Rect	n/a	110"	n/a
V3008	6000	30" x 8'	20"	525	13132	9" x 14" Rect	n/a	134"	n/a
V4504	7000	45" x 4'	30"	580	9301	14" x 17" Rect	n/a	95"	n/a
VERTICAL AERATION – SECTIONAL (DESIGNED FOR RETROFITTING EXISTING HOPPER BINS AND HIGH-FLOW APPLICATIONS) ⁴									
VS3004	5000	30" x 4'	20"	420	5245	9" x 14" Rect	80"	86"	99"
VS3006	8000	30" x 6'	20"	500	7990	9" x 14" Rect	104"	110"	123"
VS4504	15000	45" x 4'	30"	600	7925	14" x 17" Rect	88"	95"	116"
VS4506	20000	45" x 6'	30"	745	12100	14" x 17" Rect	112"	119"	140"
HORIZONTAL AERATION (REMOVABLE FOR FERTILIZER STORAGE AND AVAILABLE FOR RETROFITTING EXISTING BINS)									
H1808	5000	18" x 8'	n/a	155	3478	18" Rnd	38"	44"	n/a
H2408	6500	24" x 8'	n/a	235	4660	24" Rnd	44"	50"	n/a
H2410	6500	24" x 10'	n/a	285	6284	24" Rnd	51"	59"	n/a
H2410-HD	8,500	24" x 10'	24"	360	6284	24" Rnd	51"	59"	n/a
H2412-HD	11,000	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 35, 40 & 45 degree Meridian bins at time of manufacture
- 3 leg design

VERTICAL SECTIONAL AERATION

- Designed for installation into existing hopper bins
- Sectional pieces fit through a standard
- Meridian man-way for installation inside the hopper bin
- Aeration system design enables natural air grain drying as conditions permit
- Continuous screen from top to bottom
- Engineered honeycomb frame sections

- 24" rib spacing maximizes aeration area
- Full leg support 4" up aeration
- Duct clean out shroud
- Suitable for high-flow applications, extra support legs optional
- Fits 35,40,45,55 and 60 degree cones
- 4 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. Duct is removable.

HOPPER COMBOS

AIRMAX® FANS



Fan Support Stand



Centrifugal Fans



In-line Fans

AIRMAX® AERATION



Vertical One Piece Aeration



Vertical Sectional Aeration



Horizontal Aeration

MISCELLANEOUS OPTIONS & FEATURES



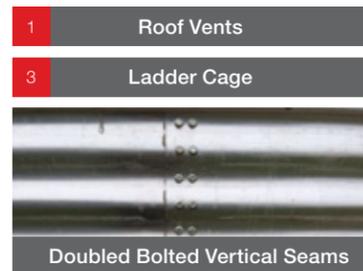
LevAlert



Spiral Stair Case



Double or Triple Skid Base



1 Roof Vents
3 Ladder Cage
4 Doubled Bolted Vertical Seams





PEOPLE. PRODUCTS. PERFORMANCE.

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