

SMOOTHWALL STORAGE



Magnum Smoothwall Bins

Quality Top to Bottom

No company has more experience manufacturing grain storage systems for both commercial and on-farm application than AGI Westeel. We helped pioneer steel-sided grain storage back in the 1920s and today, as one of North America's largest producers of grain bins and tanks, we continue to lead the industry in innovation, quality and product selection. All our products are manufactured under stringent requirements and we employ the latest in computerized design and production technology throughout the manufacturing process. The result is products of superior quality and long-term value, products that represent the finest in commercial and on-farm grain storage available.

Customer-driven Smoothwall Solutions

Designed with our customers in mind, AGI Westeel's Magnum Series of professionally engineered smoothwall hopper bottom bins provide years of trouble-free clean-out and superior protection from corrosion, and represent one of the best values in smoothwall storage. We are so confident in the quality of our Magnum Series bins, we back them with a 10-year structural guarantee and a 5-year finish warranty (1-year warranty for commercial usage).

Magnum-F™

- Specifically designed for safe, long-term storage of fertilizer, grain or seed
- Holds 29 to 178 tons

Magnum-G™

- Perfect for storage of grain, seed and feed
- Holds 747 to 4,615 bushels

FEATURES

- 10-year structural guarantee and 5-year coating warranty (1-year warranty for commercial usage)
- State-of-the-art finish protects from weather and corrosion
- Pressed top and bottom hopper cone sheets
- Exceptional bin clean-out
- All bins fully accessorized for safety and convenience
- Easy delivery process
- Economical, all-inclusive price



STANDARD FEATURES

Heavy-duty construction	F	G
Pressed cone sheets for increased strength	F	G
Remote vented lid with 24" opening	F	G
Inspection hatch at bottom of cone	F	G
Side wall and roof ladder	F	G
Stainless steel rack and pinion slide gate	F	
Rack and pinion slide gate		G
High strength steel square tubular legs	F	G
Vented legs to control freezing damage	F	G
40° or 55° bottom cone slope	F	G
26" Hopper clearance	F	G
Internally/external double welded hopper cone seams	F	
Poke hole	F	
Interior epoxy coating for the safe storage of fertilizer	F	

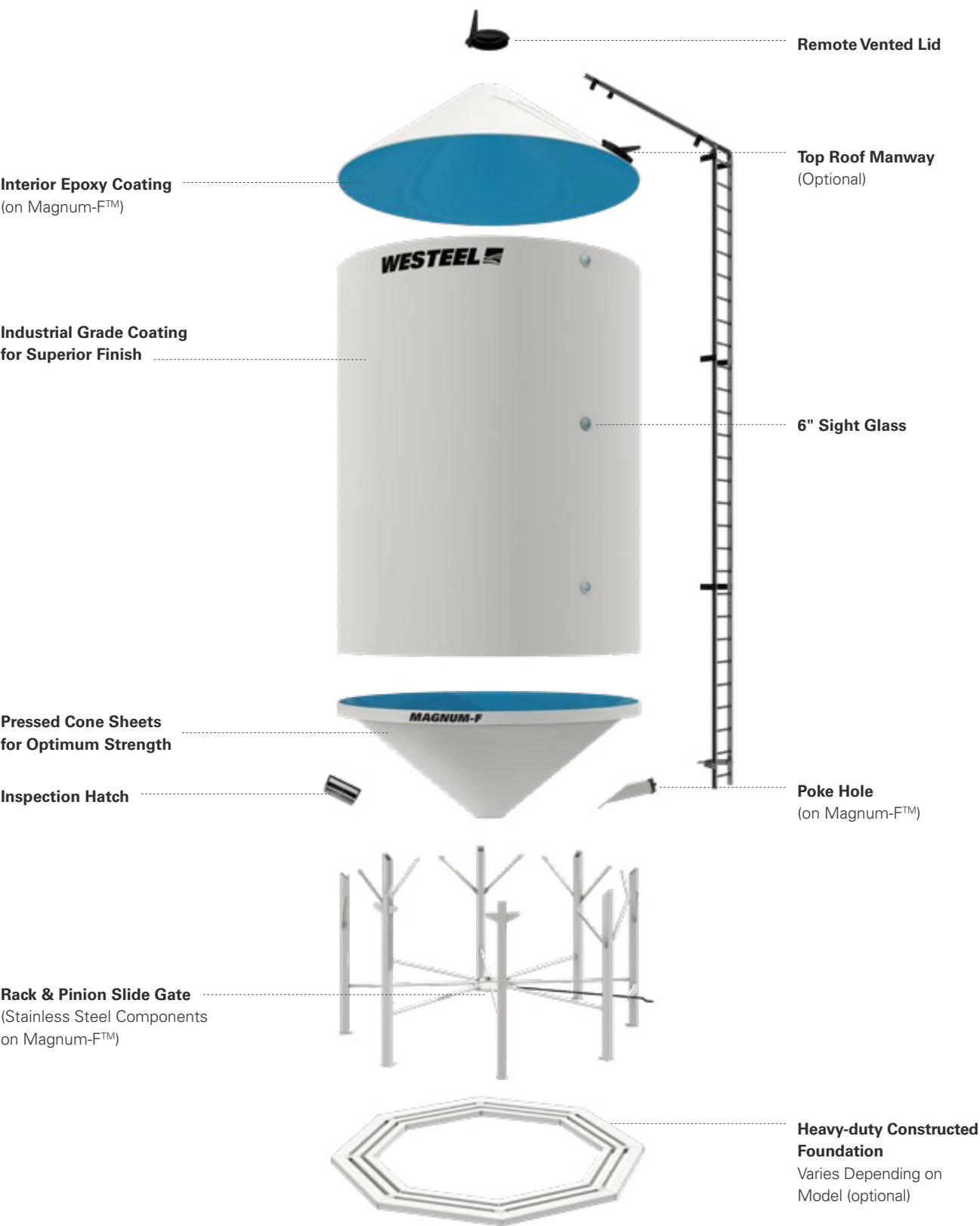
OPTIONAL ACCESSORIES

- Top roof manway
- Inspection hatch
- Pail spouts
- Safety cages
- Roof ladder with optional roof handrail
- Rest platform
- Auger boots
- Custom cone slopes
- Heavy-duty two and three-ring steel foundations
- Rocket aeration
- Horizontal aeration
- Leg extensions



*Custom stainless steel bins are available upon request.
Please contact your AGI sales representative for further details.

Quality from Top to Bottom



CUSTOM OPTIONS AVAILABLE

Optimal Strength

All Magnum bins are constructed using heavy-gauge steel. They are expertly assembled to produce a perfectly round bin with extremely smooth assembly joints and an overall attractive appearance. On Magnum-F™ and Magnum-G™ bins, the top and bottom cone sheets have been pressed to provide exceptional strength and greater impact resistance to structural damage. AGI Westeel's outside leg design is standard on all models, and provides greater strength where it is needed, improving the transfer of the vertical load onto the cone's legs.

Exceptional Clean-out

On Magnum-F™ and Magnum-G™ bins, the steep 40° or 55° cone slope, and wide, 19" opening help eliminate product hang-up and the potential for insect or mold contamination due to incomplete bin clean-out. In addition, Magnum-F™ bins feature a slip additive in the interior epoxy which reduces friction and improves clean-out.

Long-lasting Finish

AGI Westeel employs state-of-the-art finish processes on all Magnum Series bins, providing superior protection from weather and corrosion. These processes result in a highly durable chemical and scratch-resistant finish suitable for the harshest weather and farming conditions. For the interior of the Magnum-F™ bins, we apply an epoxy coating with slip additives, which help promote material flow and superior clean-out.



NORTHERN STRANDS

Northern Strands Fall Protection Systems

Engineered Fall Protection Systems available
for AGI Westeel Bins

All AGI Westeel products are designed to applicable codes and jurisdictional requirements. We go above and beyond to ensure the safest product possible. Northern Strands fall protection systems are designed to protect farmworkers from a fall while climbing or accessing the bin for repairs or inspections.

- OH&S/CSA compliant
- Easy to install
- Easy to use
- Patented engineering design

To learn more visit northernstrands.com



MAGNUM-F™ | HOPPER EPOXY LINED FERTILIZER STORAGE BINS (Capacities and weights include 5% compaction factor)

MODEL	FERTILIZER		CAPACITY		DIAMETER	OVERALL HEIGHT	EAVE HEIGHT	AUGER LENGTH	CONVEYOR LENGTH	LBS. PER UNIT
	TONNES	TONS	CU. FT.	BU						
MAG1204F	26	29	886	747	12' 6"	15' 1"	11' 2"	36'	39'	2,731
MAG1205F	30	33	1,009	851	12' 6"	16' 1"	12' 2"	36'	44'	2,843
MAG1208F	41	45	1,377	1,162	12' 6"	19' 1"	15' 2"	36'	49'	3,203
MAG1210F	48	53	1,622	1,369	12' 6"	21' 1"	17' 2"	41'	85'	3,560
MAG1212F	55	61	1,868	1,576	12' 6"	23' 1"	19' 2"	41'	85'	3,705
MAG1215F	66	73	2,236	1,886	12' 6"	26' 1"	22' 2"	46'	85'	4,260
MAG1216F	70	77	2,358	1,990	12' 6"	27' 1"	23' 2"	46'	85'	4,427
MAG1220F	84	93	2,849	2,404	12' 6"	31' 1"	27' 2"	46'	85'	5,650
MAG1404F	34	37	1,143	964	14' 1"	15' 6 ½"	11' 10"	36'	39'	2,924
MAG1408F	52	57	1,766	1,490	14' 1"	19' 6 ½"	15' 10"	36'	49'	3,562
MAG1410F	61	68	2,077	1,753	14' 1"	21' 6 ½"	17' 10"	41'	85'	3,811
MAG1412F	71	78	2,389	2,016	14' 1"	23' 6 ½"	19' 10"	41'	85'	4,079
MAG1415F	84	93	2,856	2,410	14' 1"	26' 6 ½"	22' 10"	46'	85'	4,955
MAG1416F	89	98	3,012	2,541	14' 1"	27' 6 ½"	23' 10"	46'	85'	5,094
MAG1420F	107	118	3,635	3,067	14' 1"	31' 6 ½"	27' 10"	61'	85'	5,650
MAG1515F	106	117	3,582	3,023	15' 6"	28' 8 ½"	23' 9"	44'	85'	6,210
MAG1520F	134	147	4,526	3,819	15' 6"	33' 8 ½"	28' 9"	51'	85'	7,307
MAG1525F	161	178	5,469	4,615	15' 6"	38' 8 ½"	33' 9"	58'	100'	8,637
MAG120455F	31	34	1,036	874	12' 6"	18' 3 ½"	14' 4 ½"	36'	49'	2,901
MAG120555F	34	38	1,159	978	12' 6"	19' 3 ½"	15' 4 ½"	36'	49'	3,011
MAG120855F	45	50	1,527	1,288	12' 6"	22' 3 ½"	18' 4 ½"	41'	85'	3,400
MAG121055F	52	58	1,772	1,496	12' 6"	24' 3 ½"	20' 4 ½"	41'	85'	3,700
MAG121255F	60	66	2,018	1,703	12' 6"	26' 3 ½"	22' 4 ½"	46'	85'	4,030
MAG121555F	70	78	2,386	2,013	12' 6"	29' 3 ½"	25' 4 ½"	51'	85'	4,560
MAG121655F	74	82	2,509	2,117	12' 6"	30' 3 ½"	26' 4 ½"	51'	85'	4,800
MAG141055F	68	75	2,292	1,934	14' 1"	25' 3"	21' 6"	46'	85'	4,189
MAG141255F	77	85	2,604	2,197	14' 1"	27' 3"	23' 6"	46'	85'	4,300
MAG141555F	91	100	3,071	2,591	14' 1"	30' 3"	26' 6"	51'	85'	5,149

Notes: The bulk density of fertilizer will vary from 55 to 65 lb/cu. ft. depending upon the blend and manufacturer. Westeel calculates the capacity by using 62 lb/ FT³. Please ask the manufacturer of the fertilizer to provide you its bulk density and multiply by the cu. ft. capacity of the bin for an exact tonnage rating.

STEEL FOUNDATIONS

MODEL NUMBER	RECOMMENDED BIN SIZE	RING TUBES
FOUNDATION 12' BIN (1 RING)	1204, 120455	1 RING 5"x4"
FOUNDATION 12' BIN (2 RING)	1208, 120855, 1212	2 RING 4"x4"
FOUNDATION 12' BIN (3 RING)	121255, 1216, 121655	3 RING 4"x4"
FOUNDATION 14' BIN (2 RING)	1404, 1408, 1410, 141055, 1412, 141255	2 RING 5"x4"
FOUNDATION 14' BIN (3 RING)	1415, 141555, 1416, 141655, 1420	3 RING 4"x4"
FOUNDATION 15' BIN (2 RING)	1515, 1520, 1525	1 RING 8"x4" & 1 RING 4"x4"

MAGNUM-G™ | HOPPER NON - EPOXY LINED GRAIN STORAGE BINS (Capacities and weights include 5% compaction factor)

MODEL	CAPACITY				DIAMETER	OVERALL HEIGHT	EAVE HEIGHT	AUGER LENGTH	CONVEYOR LENGTH	LBS. PER UNIT
	GRAIN TONS	FEED TONS	CU. FT.	BU						
MAG1204G	26	19	886	747	12' 6"	15' 1"	11' 2"	36'	39'	2,714
MAG1205G	29	21	1,009	851	12' 6"	16' 1"	12' 2"	36'	44'	2,802
MAG1208G	40	29	1,377	1,162	12' 6"	19' 1"	15' 2"	36'	49'	3,233
MAG1210G	47	34	1,622	1,369	12' 6"	21' 1"	17' 2"	41'	85'	3,519
MAG1212G	54	39	1,868	1,576	12' 6"	23' 1"	19' 2"	41'	85'	3,782
MAG1215G	65	47	2,236	1,886	12' 6"	26' 1"	22' 2"	46'	85'	4,219
MAG1216G	68	50	2,358	1,990	12' 6"	27' 1"	23' 2"	46'	85'	4,310
MAG1404G	33	24	1,143	964	14' 1"	15' 6 ½"	11' 10"	36'	39'	2,935
MAG1408G	51	37	1,766	1,490	14' 1"	19' 6 ½"	15' 10"	36'	49'	3,480
MAG1410G	60	44	2,077	1,753	14' 1"	21' 6 ½"	17' 10"	41'	85'	3,523
MAG1412G	69	50	2,389	2,016	14' 1"	23' 6 ½"	19' 10"	41'	85'	4,118
MAG1415G	82	60	2,856	2,410	14' 1"	26' 6 ½"	22' 10"	46'	85'	4,815
MAG1416G	87	63	3,012	2,541	14' 1"	27' 6 ½"	23' 10"	46'	85'	4,943
MAG1420G	105	76	3,635	3,067	14' 1"	31' 6 ½"	27' 10"	61'	85'	5,175
MAG1515G	103	75	3,582	3,023	15' 6"	28' 8 ½"	23' 9"	44'	85'	6,210
MAG1520G	131	95	4,526	3,819	15' 6"	33' 8 ½"	28' 9"	51'	85'	6,727
MAG1525G	158	115	5,469	4,615	15' 6"	38' 8 ½"	33' 9"	58'	100'	8,637
MAG120455G	30	22	1,036	874	12' 6"	18' 3 ½"	14' 4 ½"	36'	49'	2,850
MAG120555G	33	24	1,159	978	12' 6"	19' 3 ½"	15' 4 ½"	36'	49'	2,960
MAG120855G	44	32	1,527	1,288	12' 6"	22' 3 ½"	18' 4 ½"	41'	85'	3,350
MAG121055G	51	37	1,772	1,496	12' 6"	24' 3 ½"	20' 4 ½"	41'	85'	3,700
MAG121255G	58	42	2,018	1,703	12' 6"	26' 3 ½"	22' 4 ½"	46'	85'	3,850
MAG121555G	69	50	2,386	2,013	12' 6"	29' 3 ½"	25' 4 ½"	51'	85'	4,009
MAG121655G	72	53	2,509	2,117	12' 6"	30' 3 ½"	26' 4 ½"	51'	85'	4,750
MAG141055G	66	48	2,292	1,934	14' 1"	25' 3"	21' 6"	46'	85'	4,022
MAG141255G	75	55	2,604	2,197	14' 1"	27' 3"	23' 6"	46'	85'	4,300
MAG141555G	89	64	3,071	2,591	14' 1"	30' 3"	26' 6"	51'	85'	4,717
MAG141655G	93	68	3,227	2,723	14' 1"	31' 3"	27' 6"	61'	85'	4,800

Notes: The bulk density of grains and feeds will vary depending upon the blend and manufacturer. Westeel calculates the capacity by using 55 lb/cu. Ft for grain and 40 lb/cu. Ft for feed. Multiply the bulk density of the product you are storing by the cu. ft. capacity of the bin for an exact tonnage rating.

STEEL FOUNDATIONS

MODEL NUMBER	RECOMMENDED BIN SIZE	RING TUBES
FOUNDATION 12' BIN (1 RING)	1204, 120455	1 RING 5"x4"
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FOUNDATION 12' BIN (3 RING)	121255, 1216, 121655	3 RING 4"x4"
FOUNDATION 14' BIN (2 RING)	1404, 1408, 1410, 141055, 1412, 141255	2 RING 5"x4"
FOUNDATION 14' BIN (3 RING)	1415, 141555, 1416, 141655, 1420	3 RING 4"x4"
FOUNDATION 15' BIN (2 RING)	1515, 1520, 1525	1 RING 8"x4" & 1 RING 4"x4"



PRODUCTS MAY NOT APPEAR EXACTLY AS PICTURED

WESTEEL is an AGI Brand.

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, India and Italy and distributes its products globally.

AGI  WESTEEL

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