

# 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 26 to 260 tonnes

### Magnum-G™

- Perfect for storage of grain, seed and feed
- Holds 747 to 7,434 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	

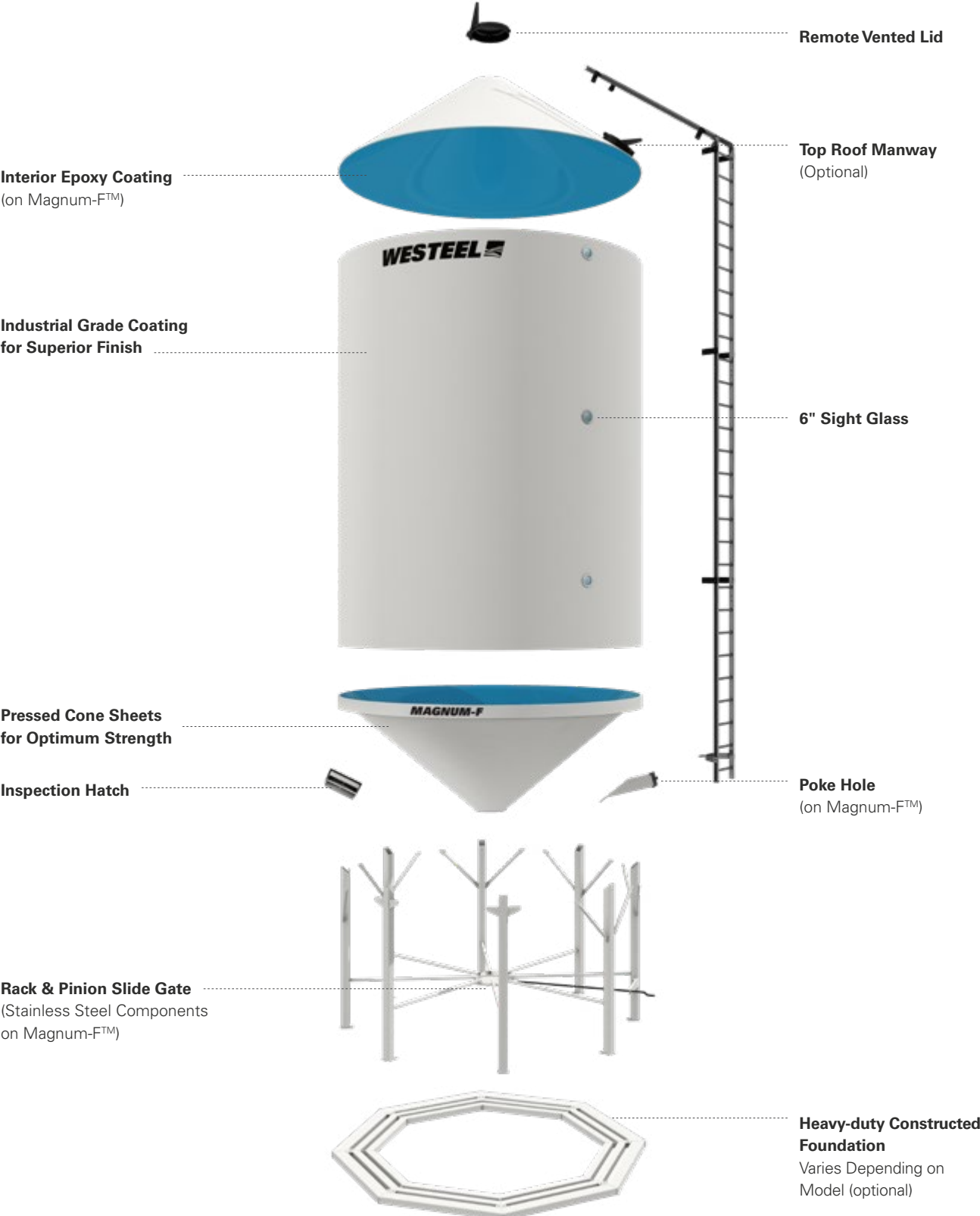
## OPTIONAL ACCESSORIES

- Top roof manway
- Inspection hatch
- Pail spouts
- Safety cages
- Roof ladder with optional roof hand rail
- 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.



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**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 farm workers 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

Learn more at [northernstrands.com](http://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
MAG1404F	34	37	1,143	964	14' 1"	15' 6 1/2"	11' 10"	36'	39'	2,924
MAG1408F	52	57	1,766	1,490	14' 1"	19' 6 1/2"	15' 10"	36'	49'	3,562
MAG1410F	61	68	2,077	1,753	14' 1"	21' 6 1/2"	17' 10"	41'	85'	3,811
MAG1412F	71	78	2,389	2,016	14' 1"	23' 6 1/2"	19' 10"	41'	85'	4,079
MAG1415F	84	93	2,856	2,410	14' 1"	26' 6 1/2"	22' 10"	46'	85'	4,955
MAG1416F	89	98	3,012	2,541	14' 1"	27' 6 1/2"	23' 10"	46'	85'	5,094
MAG1420F	107	118	3,635	3,067	14' 1"	31' 6 1/2"	27' 10"	61'	85'	5,650
MAG1608F	72	79	2,435	2,055	16' 0"	21' 9"	16' 7 1/2"	41'	85'	5,013
MAG1612F	96	105	3,239	2,733	16' 0"	25' 9"	20' 7 1/2"	46'	85'	5,359
MAG1615F	113	125	3,843	3,242	16' 0"	28' 9"	23' 7 1/2"	51'	85'	6,009
MAG1616F	119	132	4,044	3,412	16' 0"	29' 9"	24' 7 1/2"	51'	85'	6,465
MAG1620F	143	158	4,848	4,091	16' 0"	33' 9"	28' 7 1/2"	61'	85'	7,297
MAG1624F	167	184	5,652	4,769	16' 0"	37' 9"	32' 7 1/2"	61'	100'	8,914
MAG1625F	173	191	5,853	4,939	16' 0"	38' 9"	33' 7 1/2"	71'	100'	9,341
MAG1628F	189	208	6,391	5,392	16' 0"	40' 11"	36' 7 1/2"	71'	110'	11,115
MAG1630F	201	221	6,793	5,732	16' 0"	42' 11"	38' 7 1/2"	71'	110'	11,460
MAG1632F	212	234	7,195	6,071	16' 0"	44' 11"	40' 7 1/2"	71'	120'	11,903
MAG1820F	185	204	6,266	5,287	18' 0"	35' 3 1/2"	29' 5 1/2"	62'	90'	9,155
MAG1825F	223	245	7,538	6,361	18' 0"	40' 3 1/2"	34' 5 1/2"	69'	100'	10,706
MAG1830F	260	287	8,811	7,434	18' 0"	45' 3 1/2"	39' 5 1/2"	75'	120'	11,585
MAG120455F	31	34	1,036	874	12' 6"	18' 3 1/2"	14' 4 1/2"	36'	49'	2,901
MAG120555F	34	38	1,159	978	12' 6"	19' 3 1/2"	15' 4 1/2"	36'	49'	3,011
MAG120855F	45	50	1,527	1,288	12' 6"	22' 3 1/2"	18' 4 1/2"	41'	85'	3,400
MAG121055F	52	58	1,772	1,496	12' 6"	24' 3 1/2"	20' 4 1/2"	41'	85'	3,700
MAG121255F	60	66	2,018	1,703	12' 6"	26' 3 1/2"	22' 4 1/2"	46'	85'	4,030
MAG121555F	70	78	2,386	2,013	12' 6"	29' 3 1/2"	25' 4 1/2"	51'	85'	4,560
MAG121655F	74	82	2,509	2,117	12' 6"	30' 3 1/2"	26' 4 1/2"	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
MAG141655F	95	105	3,227	2,723	14' 1"	31' 3"	27' 6"	61'	85'	5,200
MAG161255F	105	116	3,555	3,000	16' 0"	30' 0"	24' 10 1/2"	51'	85'	6,100
MAG161555F	123	135	4,158	3,509	16' 0"	33' 0"	27' 10 1/2"	61'	85'	6,700
MAG161655F	129	142	4,359	3,678	16' 0"	34' 0"	28' 10 1/2"	61'	85'	6,834
MAG162055F	152	168	5,163	4,357	16' 0"	38' 0"	32' 10 1/2"	61'	100'	9,736
MAG162455F	176	194	5,968	5,035	16' 0"	42' 0"	36' 10 1/2"	71'	110'	10,942
MAG162555F	182	201	6,169	5,205	16' 0"	43' 0"	37' 10 1/2"	71'	110'	11,424

**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/ FT<sup>3</sup> 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, 1205, 120555	1 RING 5"x4"
FOUNDATION 12' BIN (2 RING)	1208, 120855, 1210, 121055, 1212	2 RING 4"x4"
FOUNDATION 12' BIN (3 RING)	121255, 1215, 121555, 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 16' BIN (2 RING)	1608, 1610, 1612, 161255, 1615, 161555, 1616, 161655	1 RING 8"x4" & 1 RING 5"x4"
FOUNDATION 16' BIN (3 RING)	1620, 162055	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 16' BIN (3 RING HD)	1624, 162455, 1625, 162555	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 16' BIN (3 RING HHD)	1628, 1630, 1632	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 18' BIN (3 RING)	1820, 1825	1 RING 8"x4" & 2 RING 5"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 1/2"	11' 10"	36'	39'	2,935
MAG1404G	33	24	1,143	964	14' 1"	15' 6 1/2"	11' 10"	36'	39'	2,935
MAG1408G	51	37	1,766	1,490	14' 1"	19' 6 1/2"	15' 10"	36'	49'	3,480
MAG1410G	60	44	2,077	1,753	14' 1"	21' 6 1/2"	17' 10"	41'	85'	3,523
MAG1412G	69	50	2,389	2,016	14' 1"	23' 6 1/2"	19' 10"	41'	85'	4,118
MAG1415G	82	60	2,856	2,410	14' 1"	26' 6 1/2"	22' 10"	46'	85'	4,815
MAG1416G	87	63	3,012	2,541	14' 1"	27' 6 1/2"	23' 10"	46'	85'	4,943
MAG1420G	105	76	3,635	3,067	14' 1"	31' 6 1/2"	27' 10"	61'	85'	5,175
MAG1608G	70	51	2,435	2,055	16' 0"	21' 9"	16' 7 1/2"	41'	85'	3,000
MAG1612G	94	68	3,239	2,733	16' 0"	25' 9"	20' 7 1/2"	46'	85'	5,320
MAG1615G	111	81	3,843	3,242	16' 0"	28' 9"	23' 7 1/2"	51'	85'	6,003
MAG1616G	117	85	4,044	3,412	16' 0"	29' 9"	24' 7 1/2"	51'	85'	6,082
MAG1620G	138	100	4,782	4,035	16' 0"	32' 11"	28' 7 1/2"	61'	85'	6,959
MAG1624G	163	119	5,652	4,769	16' 0"	37' 9"	32' 7 1/2"	61'	100'	8,621
MAG1625G	169	123	5,853	4,939	16' 0"	38' 9"	33' 7 1/2"	71'	100'	9,616
MAG1628G	185	134	6,391	5,392	16' 0"	40' 11"	36' 7 1/2"	71'	110'	10,817
MAG1630G	196	143	6,793	5,732	16' 0"	42' 11"	38' 7 1/2"	71'	110'	10,961
MAG1632G	208	151	7,195	6,071	16' 0"	44' 11"	40' 7 1/2"	79'	120'	11,941
MAG1820G	181	132	6,266	5,287	18' 0"	35' 3 1/2"	29' 5 1/2"	62'	90'	8,445
MAG1825G	218	158	7,538	6,361	18' 0"	40' 3 1/2"	34' 5 1/2"	69'	100'	9,996
MAG1830G	254	185	8,811	7,434	18' 0"	45' 3 1/2"	39' 5 1/2"	76'	120'	11,383
MAG120455G	30	22	1,036	874	12' 6"	18' 3 1/2"	14' 4 1/2"	36'	49'	2,850
MAG120555G	33	24	1,159	978	12' 6"	19' 3 1/2"	15' 4 1/2"	36'	49'	2,960
MAG120855G	44	32	1,527	1,288	12' 6"	22' 3 1/2"	18' 4 1/2"	41'	85'	3,350
MAG121055G	51	37	1,772	1,496	12' 6"	24' 3 1/2"	20' 4 1/2"	41'	85'	3,700
MAG121255G	58	42	2,018	1,703	12' 6"	26' 3 1/2"	22' 4 1/2"	46'	85'	3,850
MAG121555G	69	50	2,386	2,013	12' 6"	29' 3 1/2"	25' 4 1/2"	51'	85'	4,009
MAG121655G	72	53	2,509	2,117	12' 6"	30' 3 1/2"	26' 4 1/2"	51'	85'	4,750
MAG122055G	87	63	3,000	2,531	12' 6"	34' 3 1/2"	30' 4 1/2"	51'	85'	5,368
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
MAG161255G	103	75	3,555	3,000	16' 0"	30' 0"	24' 10 1/2"	51'	85'	6,059
MAG161555G	120	87	4,158	3,509	16' 0"	33' 0"	27' 10 1/2"	61'	85'	6,659
MAG161655G	126	92	4,359	3,678	16' 0"	34' 0"	28' 10 1/2"	61'	85'	6,793
MAG162055G	149	108	5,163	4,357	16' 0"	38' 0"	32' 10 1/2"	61'	100'	9,695
MAG162455G	172	125	5,968	5,035	16' 0"	42' 0"	36' 10 1/2"	71'	110'	10,901
MAG162555G	178	130	6,169	5,205	16' 0"	43' 0"	37' 10 1/2"	71'	110'	11,383

**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, 1205, 120555	1 RING 5"x4"
FOUNDATION 12' BIN (2 RING)	1208, 120855, 1210, 121055, 1212	2 RING 4"x4"
FOUNDATION 12' BIN (3 RING)	121255, 1215, 121555, 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 16' BIN (2 RING)	1608, 1610, 1612, 161255, 1615, 161555, 1616, 161655	1 RING 8"x4" & 1 RING 5"x4"
FOUNDATION 16' BIN (3 RING)	1620, 162055	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 16' BIN (3 RING HD)	1624, 162455, 1625, 162555	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 16' BIN (3 RING HHD)	1628, 1630, 1632	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 18' BIN (3 RING)	1820, 1825, (1830 MAG-G™ only)	1 RING 8"x4" & 2 RING 5"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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