

AGI  WESTEEL
SMOOTHWALL STORAGE



MAGNUM SMOOTHWALL BINS

AGI is one of North America's largest producers of grain bins and tanks, and continues to lead the industry in innovation, quality and product selection. All AGI Westeel® products are manufactured under stringent requirements and 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, the AGI Westeel Magnum series of professionally engineered smoothwall hopper bottom bins provide years of trouble-free clean-out and superior protection from corrosion, representing 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 coating warranty (1-year warranty for commercial usage).

MAGNUM-F®

- Specifically designed for safe, long-term storage of fertilizer, grain or seed
- Holds 25 to 248 tonnes

MAGNUM-G®

- Perfect for storage of grain, seed and feed
- Holds 748 to 7,437 bushels

FEATURES

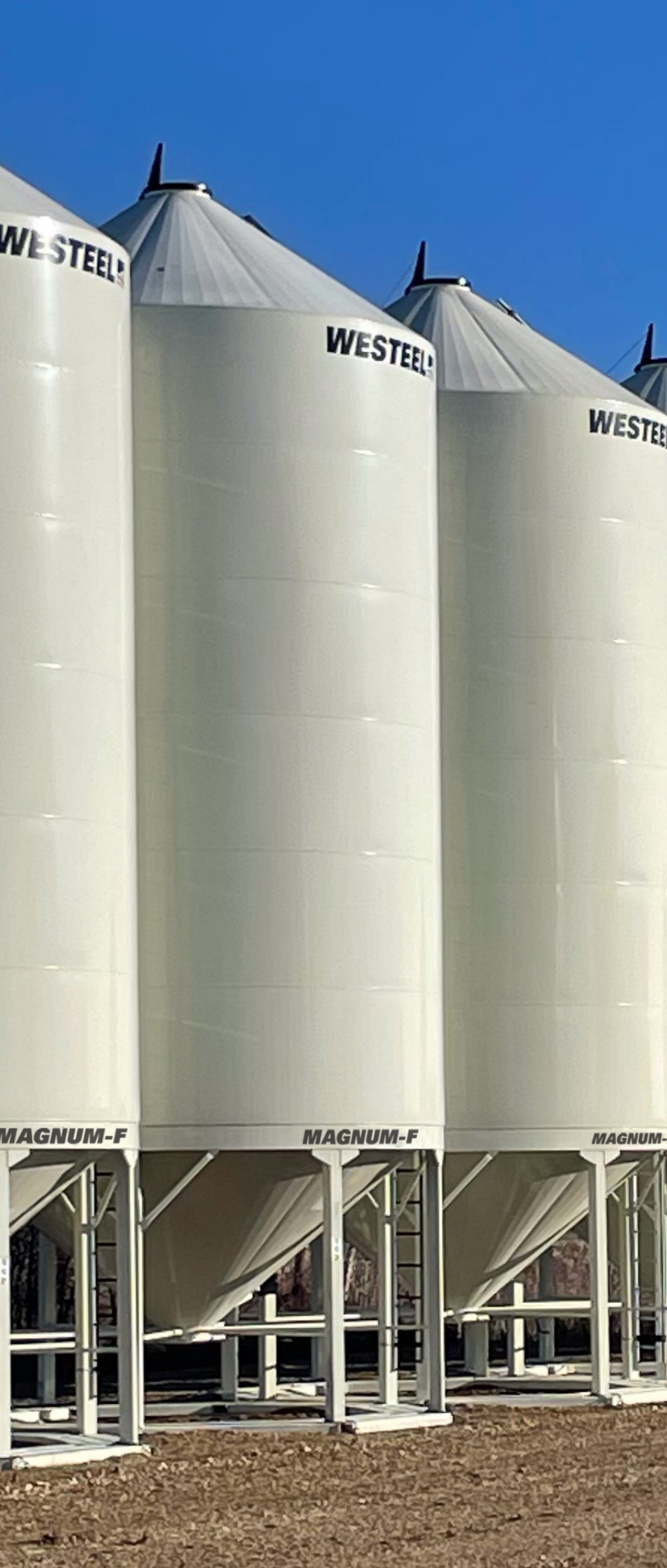
- 10-year structural guarantee and 5-year coating warranty (1-year warranty for commercial usage)
- State-of-the-art finish protects from weather and corrosion
- Pressed top and bottom hopper cone sheets
- Exceptional bin clean-out
- All bins fully accessorized for safety and convenience
- Easy delivery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

OPTIONAL ACCESSORIES

- Roof inspection hatch
- Pail spouts
- Fall arrest
- 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.



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
Sight glass(es)	F	G
Internally and externally double welded hopper cone seams	F	
Poke hole	F	
Interior epoxy coating for the safe storage of fertilizer	F	

QUALITY TOP TO BOTTOM

OPTIONAL ACCESSORIES

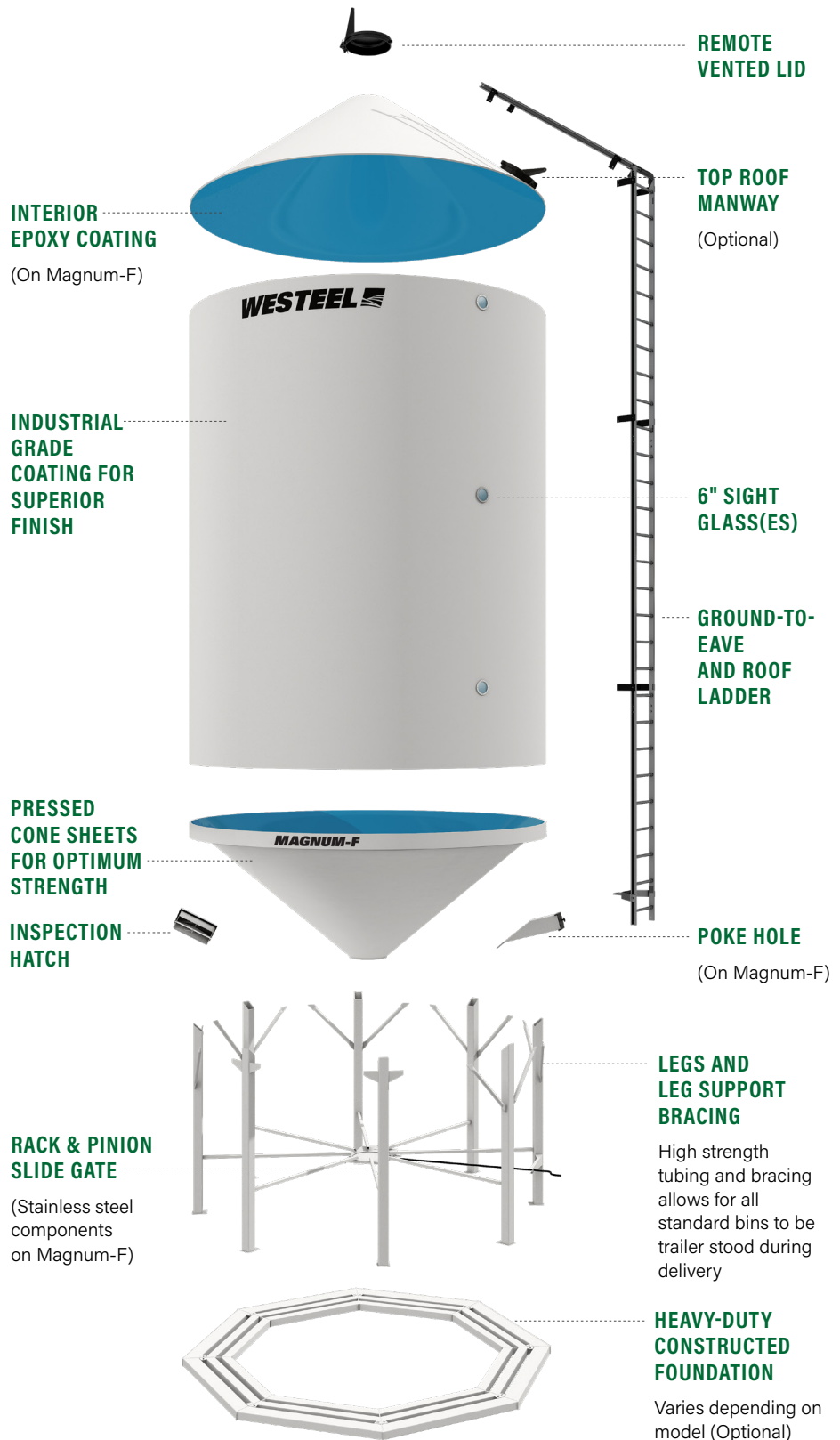
All Magnum bins are constructed using heavy-gauge steel. They are expertly assembled to produce a perfectly round bin with extremely smooth assembly joints and an overall attractive appearance. On Magnum-F and Magnum-G bins, the top and bottom cone sheets have been pressed to provide exceptional strength 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.



*Custom options available



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

MAGNUM - F | Epoxy Lined Hopper Fertilizer Storage Bins

MODEL	FERTILIZER		CAPACITY		DIAMETER	OVERALL HEIGHT	EAVE HEIGHT	AUGER LENGTH	CONVEYOR LENGTH	LBS. PER UNIT
	TONNES	TONS	CU. FT.	BU						
MAG1204F	25	27	886	748	12' 6"	15' 1"	11' 2"	36'	39'	2731
MAG1205F	28	31	1009	851	12' 6"	16' 1"	12' 2"	36'	44'	2843
MAG1208F	39	43	1377	1162	12' 6"	19' 1"	15' 2"	36'	49'	3203
MAG1210F	46	50	1622	1369	12' 6"	21' 1"	17' 2"	41'	85'	3560
MAG1212F	53	58	1868	1576	12' 6"	23' 1"	19' 2"	41'	85'	3705
MAG1215F	63	69	2236	1887	12' 6"	26' 1"	22' 2"	46'	85'	4260
MAG1216F	66	73	2358	1991	12' 6"	27' 1"	23' 2"	46'	85'	4427
MAG1404F	32	35	1143	964	14' 1"	15' 7"	11' 10"	36'	39'	2924
MAG1408F	50	55	1766	1490	14' 1"	19' 7"	15' 10"	36'	49'	3562
MAG1410F	58	64	2077	1753	14' 1"	21' 7"	17' 10"	41'	85'	3811
MAG1412F	67	74	2389	2016	14' 1"	23' 7"	19' 10"	41'	85'	4079
MAG1415F	80	89	2856	2411	14' 1"	26' 7"	22' 10"	46'	85'	4955
MAG1416F	85	93	3012	2542	14' 1"	27' 7"	23' 10"	46'	85'	5094
MAG1420F	102	113	3635	3068	14' 1"	31' 7"	27' 10"	61'	85'	5650
MAG1608F	68	75	2435	2055	16' 0"	21' 9"	16' 8"	41'	85'	5013
MAG1612F	91	100	3239	2734	16' 0"	25' 9"	20' 8"	46'	85'	5389
MAG1615F	108	119	3843	3243	16' 0"	28' 9"	23' 8"	51'	85'	6009
MAG1616F	114	125	4044	3413	16' 0"	29' 9"	24' 8"	51'	85'	6465
MAG1620F	136	150	4848	4092	16' 0"	33' 9"	28' 8"	61'	85'	7297
MAG1624F	159	175	5652	4771	16' 0"	37' 9"	32' 8"	61'	100'	8914
MAG1625F	165	181	5853	4940	16' 0"	38' 9"	33' 8"	71'	100'	9341
MAG1628F	180	198	6391	5394	16' 0"	40' 11"	36' 8"	71'	110'	11115
MAG1630F	191	211	6793	5733	16' 0"	42' 11"	38' 8"	71'	110'	11460
MAG1632F	202	223	7195	6073	16' 0"	44' 11"	40' 8"	71'	120'	11903
MAG1820F	176	194	6266	5289	18' 0"	35' 4"	29' 6"	62'	90'	10024
MAG1825F	212	234	7538	6363	18' 0"	40' 4"	34' 6"	69'	100'	11586
MAG1830F	248	273	8811	7437	18' 0"	45' 4"	39' 6"	76'	120'	12935
MAG120455F	29	32	1036	875	12' 6"	18' 3"	14' 5"	36'	49'	2901
MAG120555F	33	36	1159	978	12' 6"	19' 3"	15' 5"	36'	49'	3011
MAG120855F	43	47	1527	1289	12' 6"	22' 3"	18' 5"	41'	85'	3400
MAG121055F	50	55	1772	1496	12' 6"	24' 3"	20' 5"	41'	85'	3700
MAG121255F	57	63	2018	1703	12' 6"	26' 3"	22' 5"	46'	85'	4030
MAG121555F	67	74	2386	2014	12' 6"	29' 3"	25' 5"	51'	85'	4560
MAG121655F	71	78	2509	2117	12' 6"	30' 3"	26' 5"	51'	85'	4800
MAG141055F	64	71	2292	1935	14' 1"	25' 3"	21' 6"	46'	85'	4189
MAG141255F	73	81	2604	2198	14' 1"	27' 3"	23' 6"	46'	85'	4300
MAG141555F	86	95	3071	2592	14' 1"	30' 3"	26' 6"	51'	85'	5149
MAG141655F	91	100	3227	2724	14' 1"	31' 3"	27' 6"	61'	85'	5200
MAG161255F	100	110	3555	3001	16' 0"	30' 0"	24' 11"	51'	85'	6100
MAG161555F	117	129	4158	3510	16' 0"	33' 0"	27' 11"	61'	85'	6700
MAG161655F	123	135	4359	3679	16' 0"	34' 0"	28' 11"	61'	85'	6834
MAG162055F	145	160	5163	4358	16' 0"	38' 0"	32' 11"	61'	100'	9736
MAG162455F	168	185	5968	5037	16' 0"	42' 0"	36' 11"	71'	110'	10942
MAG162555F	173	191	6169	5207	16' 0"	43' 0"	37' 11"	71'	110'	11424
MAG163055F	200	220	7108	6000	16' 0"	47' 2"	42' 11"	76'	120'	12863

(Capacities and weights include 5% compaction factor)

Notes: The bulk density of fertilizer will vary from 55 to 65 lb/cu. ft. depending upon the blend and manufacturer. AGI calculates the capacity by using 62 lb/ ft. 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 - MAGNUM-F

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	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 18' BIN (3 RING HD)	1825, 1830	2 RING 8"x4" & 2 RING 5"x4"

MAGNUM-G | Non - Epoxy Lined Hopper Grain Storage Bins

MODEL	FERTILIZER		CAPACITY		DIAMETER	OVERALL HEIGHT	EAVE HEIGHT	AUGER LENGTH	CONVEYOR LENGTH	LBS. PER UNIT
	GRAIN TONS	FEED TONS	CU. FT.	BU						
MAG1204G	24	16	886	748	12' 6"	15' 1"	11' 2"	36'	39'	2714
MAG1205G	28	20	1009	851	12' 6"	16' 1"	12' 2"	36'	44'	2793
MAG1208G	38	28	1377	1162	12' 6"	19' 1"	15' 2"	36'	49'	3233
MAG1210G	45	32	1622	1369	12' 6"	21' 1"	17' 2"	41'	85'	3519
MAG1212G	51	37	1868	1576	12' 6"	23' 1"	19' 2"	41'	85'	3782
MAG1215G	61	45	2236	1887	12' 6"	26' 1"	22' 2"	46'	85'	4219
MAG1216G	65	47	2358	1991	12' 6"	27' 1"	23' 2"	46'	85'	4310
MAG1404G	31	23	1143	964	14' 1"	15' 7"	11' 10"	36'	39'	2935
MAG1408G	49	35	1766	1490	14' 1"	19' 7"	15' 10"	36'	49'	3480
MAG1410G	57	42	2077	1753	14' 1"	21' 7"	17' 10"	41'	85'	3523
MAG1412G	66	48	2389	2016	14' 1"	23' 7"	19' 10"	41'	85'	4118
MAG1415G	79	57	2856	2411	14' 1"	26' 7"	22' 10"	46'	85'	4804
MAG1416G	83	60	3012	2542	14' 1"	27' 7"	23' 10"	46'	85'	4943
MAG1420G	100	73	3635	3068	14' 1"	31' 7"	27' 10"	61'	85'	5175
MAG1608G	67	49	2435	2055	16' 0"	21' 9"	16' 8"	41'	85'	3000
MAG1612G	89	65	3239	2734	16' 0"	25' 9"	20' 8"	46'	85'	5320
MAG1615G	106	77	3843	3243	16' 0"	28' 9"	23' 8"	51'	85'	6003
MAG1616G	111	81	4044	3413	16' 0"	29' 9"	24' 8"	51'	85'	6082
MAG1620G	133	97	4848	4092	16' 0"	33' 9"	28' 8"	61'	85'	6995
MAG1624G	155	113	5652	4771	16' 0"	37' 9"	32' 8"	61'	100'	8672
MAG1625G	161	117	5853	4940	16' 0"	38' 9"	33' 8"	71'	100'	9039
MAG1628G	176	128	6391	5394	16' 0"	40' 11"	36' 8"	71'	110'	10817
MAG1630G	187	136	6793	5733	16' 0"	42' 11"	38' 8"	71'	110'	10961
MAG1632G	198	144	7195	6073	16' 0"	44' 11"	40' 8"	71'	120'	11834
MAG1820G	172	125	6266	5289	18' 0"	35' 4"	29' 6"	62'	90'	9088
MAG1825G	207	151	7538	6363	18' 0"	40' 4"	34' 6"	69'	100'	10849
MAG1830G	242	176	8811	7437	18' 0"	45' 4"	39' 6"	76'	120'	12896
MAG120455G	28	21	1036	875	12' 6"	18' 3"	14' 5"	36'	49'	2850
MAG120555G	32	23	1159	978	12' 6"	19' 3"	15' 5"	36'	49'	3011
MAG120855G	42	31	1527	1289	12' 6"	22' 3"	18' 5"	41'	85'	3350
MAG121055G	49	35	1772	1496	12' 6"	24' 3"	20' 5"	41'	85'	3700
MAG121255G	55	40	2018	1703	12' 6"	26' 3"	22' 5"	46'	85'	3850
MAG121555G	66	48	2386	2014	12' 6"	29' 3"	25' 5"	51'	85'	3980
MAG121655G	69	50	2509	2117	12' 6"	30' 3"	26' 5"	51'	85'	4750
MAG122055G	82	60	3000	2532	12' 6"	34' 3"	30' 5"	61'	85'	5245
MAG141055G	63	46	2292	1935	14' 1"	25' 3"	21' 6"	46'	85'	4139
MAG141255G	72	52	2604	2198	14' 1"	27' 3"	23' 6"	46'	85'	4300
MAG141555G	84	61	3071	2592	14' 1"	30' 3"	26' 6"	51'	85'	4717
MAG141655G	89	65	3227	2724	14' 1"	31' 3"	27' 6"	61'	85'	4800
MAG161255G	98	71	3555	3001	16' 0"	30' 0"	24' 11"	51'	85'	6059
MAG161555G	114	83	4158	3510	16' 0"	33' 0"	27' 11"	61'	85'	6659
MAG161655G	120	87	4359	3679	16' 0"	34' 0"	28' 11"	61'	85'	6793
MAG162055G	142	103	5163	4358	16' 0"	38' 0"	32' 11"	61'	100'	9579
MAG162455G	164	119	5968	5037	16' 0"	42' 0"	36' 11"	71'	110'	10901
MAG162555G	170	123	6169	5207	16' 0"	43' 0"	37' 11"	71'	110'	11383
MAG163055G	195	142	7108	6000	16' 0"	47' 2"	42' 11"	76'	120'	12663

(Capacities and weights include 5% compaction factor)

Notes: The bulk density of grains and feeds will vary depending upon the blend and manufacturer. AGI 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 - MAGNUM-G

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 HDD)	1628, 1630, 1632	1 RING 8"x4" & 2 RING 5"x4"
FOUNDATION 18' BIN (3 RING)	1820, 1825, 1830	1 RING 8"x4" & 2 RING 5"x4"



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.

Your safety is our highest priority.

Please read and understand the operator’s manual and safety decals before using. Use and maintain products properly, and do not modify. Keep guards in place when operating and follow all product manuals and safety decals. For all AGI products, if guards, safety decals, or manuals are damaged or missing, contact your AGI sales or dealer representative for replacements. Images and information contained in this brochure are presented for general information.

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