

# 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 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.

### **Westeel is an AGI brand.**

AGI is a leading manufacturer of grain, seed, feed, food and fertilizer handling, blending, storage and conditioning equipment. Our brands are amongst the most recognized in the industry. The AGI product catalog includes portable handling equipment (augers, belt conveyors, grain vacs), permanent handling systems (bucket elevators, enclosed belt conveyors, chain conveyors, structural) and storage systems (aeration, drying, bins/silos, monitoring) that service various sectors for on-farm and commercial operations.

## CUSTOMER DRIVEN SMOOTHWALL SOLUTIONS

Designed with our customers in mind, 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 25 to 155 tonnes

### **MAGNUM-G™**

- Perfect for storage of grain, seed and feed
- Holds 884 to 5,475 bushels

### **KEY 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
- Standard three-ring foundation on most models
- All bins fully accessorized for safety and convenience
- Easy delivery process
- Economical, all-inclusive price



# FEATURES & OPTIONS

## STANDARD EQUIPMENT

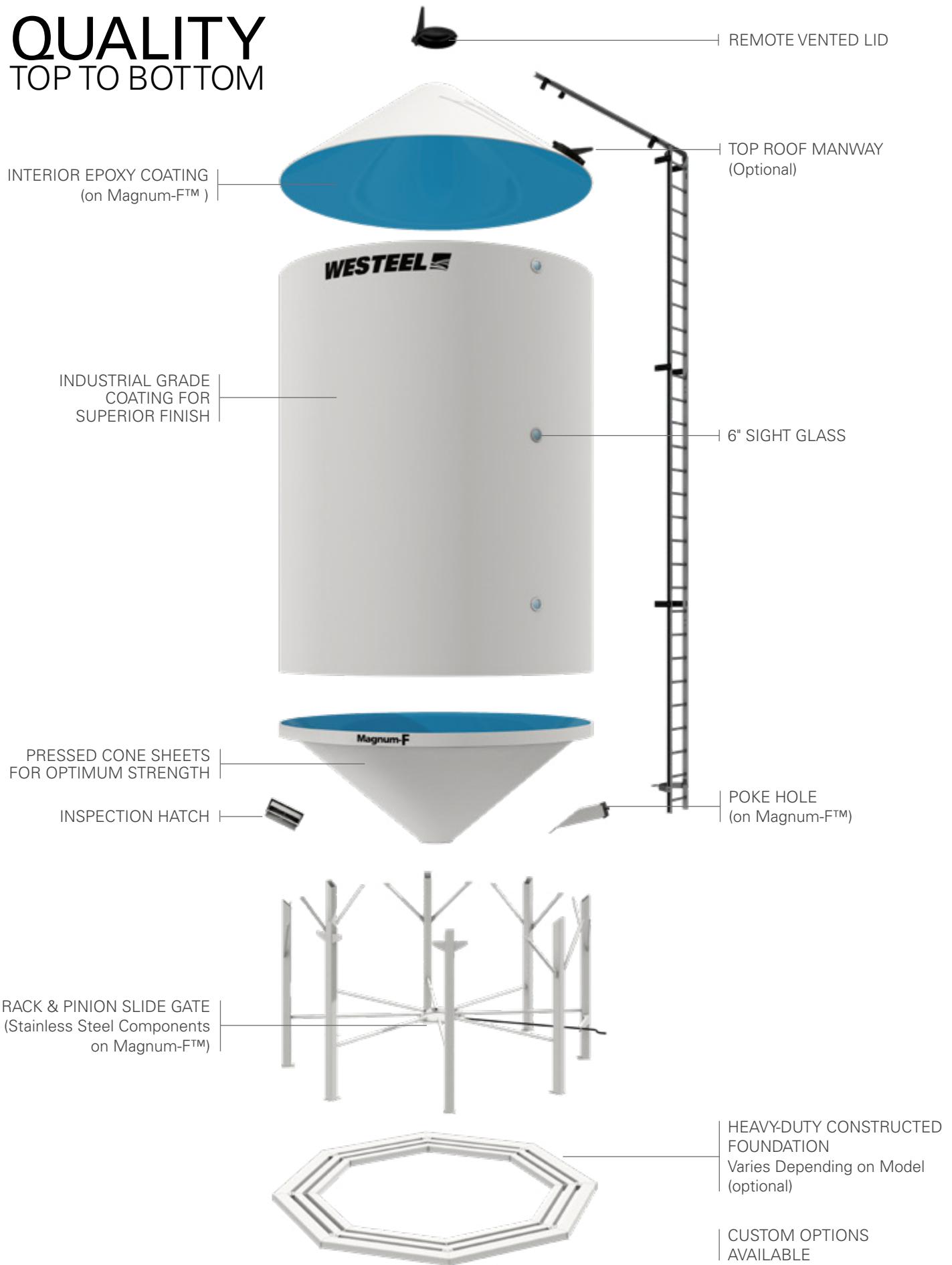
Heavy-duty construction	F	G
Pressed cone sheets for increased strength	F	G
Remote vented lid with 24" opening	F	G
Inspection hatch at bottom of cone	F	G
Side wall and roof ladder	F	G
Stainless steel rack and pinion slide gate	F	
Rack and pinion slide gate		G
High strength steel square tubular legs	F	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
- Steel foundation
- Rocket aeration
- Horizontal aeration
- Leg extensions



# QUALITY TOP TO BOTTOM





#### 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. 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

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 FALL PROTECTION SYSTEMS

### ENGINEERED FALL PROTECTION SYSTEMS AVAILABLE FOR WESTEEL BINS

All 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 cutting edge product designed to protect farm workers from a fall while climbing or accessing your 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)

**NORTHERN STRANDS**

## Magnum-F™ Bin (40° Bottom Cone)

MODEL NUMBER	FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
	Tonnes	Tons	(Cu. Ft.)	(Bu.)			
MAG1204F	25	28	884	752	12' 6"	15' 1"	36'
MAG1208F	39	43	1,375	1,169	12' 6"	19' 1"	36'
MAG1212F	53	58	1,866	1,587	12' 6"	23' 1"	41'
MAG1216F	67	74	2,357	2,004	12' 6"	27' 1"	46'
MAG1404F	33	36	1,141	970	14' 1"	15' 7"	36'
MAG1408F	50	55	1,764	1,500	14' 1"	19' 7"	36'
MAG1410F	59	65	2,076	1,765	14' 1"	21' 7"	41'
MAG1412F	68	74	2,387	2,029	14' 1"	23' 7"	41'
MAG1415F	81	89	2,855	2,427	14' 1"	26' 7"	46'
MAG1416F	85	94	3,010	2,559	14' 1"	27' 7"	46'
MAG1420F	103	113	3,633	3,089	14' 1"	31' 7"	61'
MAG1608F	69	76	2,434	2,069	16' 0"	21' 10"	41'
MAG1612F	92	101	3,238	2,753	16' 0"	25' 10"	46'
MAG1615F	109	120	3,841	3,265	16' 0"	28' 10"	51'
MAG1616F	114	126	4,042	3,436	16' 0"	29' 10"	51'
MAG1620F	137	151	4,847	4,120	16' 0"	33' 10"	61'
MAG1624F	159	176	5,651	4,804	16' 0"	37' 10"	61'
MAG1625F	165	182	5,852	4,975	16' 0"	38' 10"	71'
MAG1628F	180	199	6,389	5,431	16' 0"	40' 11"	71'
MAG1630F	191	211	6,791	5,773	16' 0"	42' 11"	71'
MAG1632F	203	223	7,193	6,115	16' 0"	44' 11"	71'
MAG1820F	174	191	6,172	5,208	18' 0"	34' 3"	62'
MAG1825F	209	231	7,445	6,282	18' 0"	39' 3"	69'
MAG1830F	245	270	8,717	7,355	18' 0"	44' 3"	75'

## Magnum-F™ Bin (55° Bottom Cone)

MODEL NUMBER	FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
	Tonnes	Tons	(Cu. Ft.)	(Bu.)			
MAG120455F	30	33	1,035	880	12' 6"	18' 5"	36'
MAG120855F	43	48	1,526	1,298	12' 6"	22' 5"	41'
MAG121255F	57	63	2,017	1,715	12' 6"	26' 5"	46'
MAG121655F	71	78	2,508	2,132	12' 6"	30' 5"	51'
MAG141055F	65	72	2,291	1,948	14' 1"	25' 7"	46'
MAG141255F	74	81	2,603	2,213	14' 1"	27' 7"	46'
MAG141555F	87	96	3,070	2,610	14' 1"	30' 7"	51'
MAG141655F	91	101	3,226	2,743	14' 1"	31' 7"	61'
MAG161255F	100	111	3,554	3,021	16' 0"	30' 1"	51'
MAG161555F	117	129	4,157	3,534	16' 0"	33' 1"	61'
MAG161655F	123	136	4,358	3,705	16' 0"	34' 1"	61'
MAG162055F	146	161	5,162	4,388	16' 0"	38' 1"	61'
MAG162455F	168	185	5,967	5,072	16' 0"	42' 1"	71'
MAG162555F	174	192	6,168	5,243	16' 0"	43' 1"	71'

## Magnum-G™ Bin (40° Bottom Cone)

Model Number	Grain / Feed		Capacity		Diameter	Height	Auger Length
	Grain Tons	Feed Tons	(Cu. Ft.)	(Bu.)			
MAG1204G	23	18	884	752	12' 6"	15' 1"	36'
MAG1208G	36	28	1,375	1,169	12' 6"	19' 1"	36'
MAG1212G	49	38	1,866	1,587	12' 6"	23' 1"	41'
MAG1216G	62	48	2,357	2,004	12' 6"	27' 1"	46'
MAG1404G	30	23	1,141	970	14' 1"	15' 7"	36'
MAG1408G	46	36	1,764	1,500	14' 1"	19' 7"	36'
MAG1410G	54	42	2,076	1,765	14' 1"	21' 7"	41'
MAG1412G	63	48	2,387	2,029	14' 1"	23' 7"	41'
MAG1415G	75	58	2,855	2,427	14' 1"	26' 7"	46'
MAG1416G	79	61	3,010	2,559	14' 1"	27' 7"	46'
MAG1420G	95	73	3,633	3,089	14' 1"	31' 7"	61'
MAG1608G	64	49	2,434	2,069	16' 0"	21' 10"	41'
MAG1612G	85	65	3,238	2,753	16' 0"	25' 10"	46'
MAG1615G	100	77	3,841	3,265	16' 0"	28' 10"	51'
MAG1616G	106	81	4,042	3,436	16' 0"	29' 10"	51'
MAG1620G	127	97	4,847	4,120	16' 0"	33' 10"	61'
MAG1624G	147	114	5,651	4,804	16' 0"	37' 10"	61'
MAG1625G	153	118	5,852	4,975	16' 0"	38' 10"	71'
MAG1628G	167	128	6,389	5,431	16' 0"	40' 11"	71'
MAG1630G	177	136	6,791	5,773	16' 0"	42' 11"	71'
MAG1632G	188	144	7,193	6,115	16' 0"	44' 11"	79'
MAG1820G	161	123	6,172	5,208	18' 0"	34' 3"	62'
MAG1825G	194	149	7,445	6,282	18' 0"	39' 3"	69'
MAG1830G	227	174	8,717	7,355	18' 0"	44' 3"	76'

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Model Number	Grain / Feed		Capacity		Diameter	Height	Auger Length
	Grain Tons	Feed Tons	(Cu. Ft.)	(Bu.)			
MAG120455G	27	21	1,035	880	12' 6"	18' 5"	36'
MAG120855G	40	31	1,526	1,298	12' 6"	22' 5"	41'
MAG121255G	53	41	2,017	1,715	12' 6"	26' 5"	46'
MAG121655G	66	51	2,508	2,132	12' 6"	30' 5"	51'
MAG141055G	60	46	2,291	1,948	14' 1"	25' 7"	46'
MAG141255G	68	53	2,603	2,213	14' 1"	27' 7"	46'
MAG141555G	80	62	3,070	2,610	14' 1"	30' 7"	51'
MAG141655G	84	65	3,226	2,743	14' 1"	31' 7"	61'
MAG161255G	93	72	3,554	3,021	16' 0"	30' 1"	51'
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MAG161655G	114	88	4,358	3,705	16' 0"	34' 1"	61'
MAG162055G	135	104	5,162	4,388	16' 0"	38' 1"	61'
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PRODUCTS MAY NOT APPEAR EXACTLY AS PICTURED

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