

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

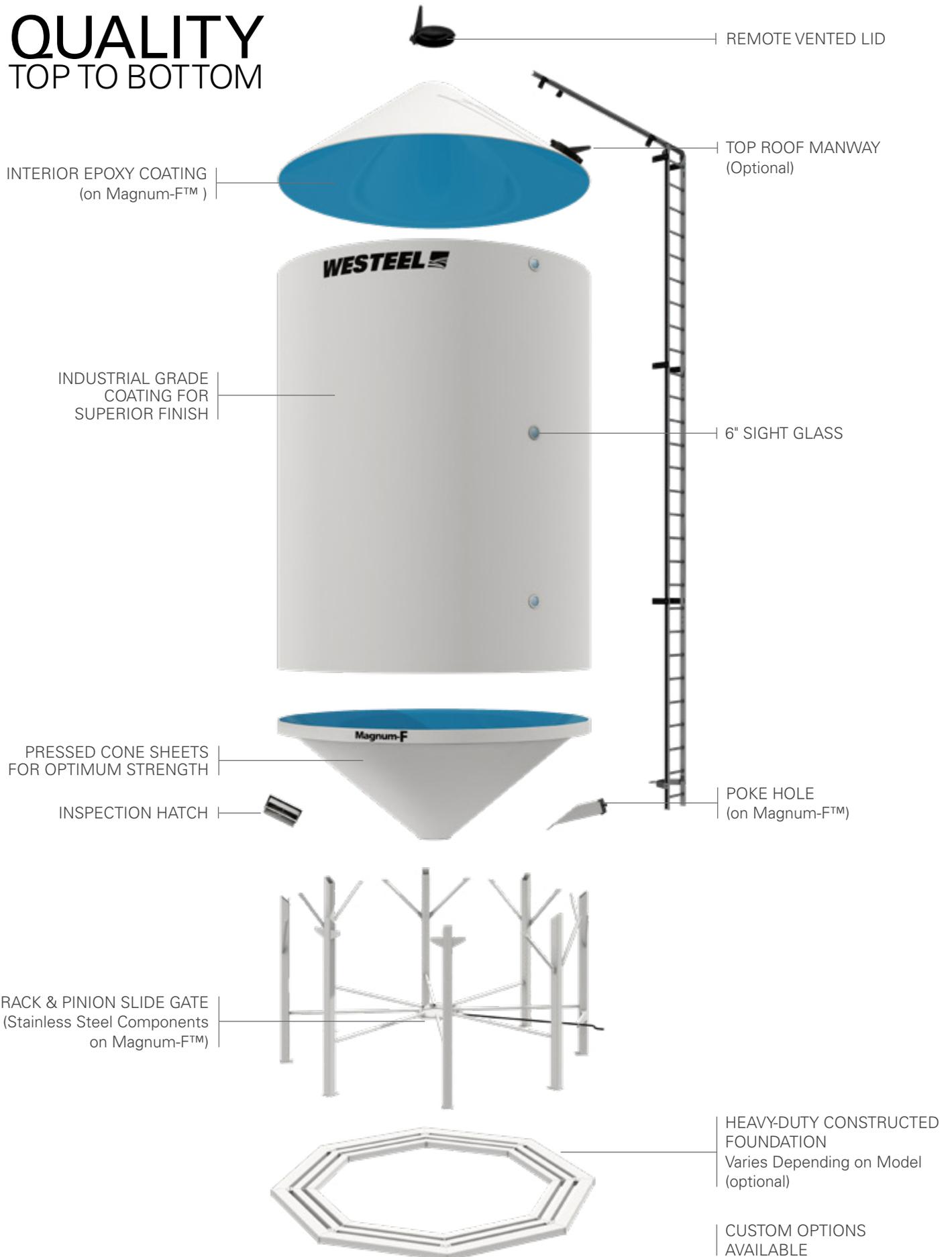
Heavy-duty construction	F	G
Pressed cone sheets for increased strength	F	G
Remote vented lid with 24" opening	F	G
Inspection hatch at bottom of cone	F	G
Side wall and roof ladder	F	G
Stainless steel rack and pinion slide gate	F	
Rack and pinion slide gate		G
High strength steel square tubular legs	F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

NORTHERN STRANDS

Magnum-F™ Hopper Epoxy Lined Fertilizer Storage Bins (40° Bottom Cone)

Includes Sidewall & Roof Ladders, 24" Opening, Bottom Inspection Hatch, 19" Discharge Stainless Steel R&P Slide Gate, Sight Glass(es) & 8" Pokehole

PART NUMBER		FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
		Tonnes	Tons	(Cu. Ft.)	(Bu.)			
291040	1204 MAG-F SMOOTHWALL HOPPER BIN	25	28	884	752	12' 6"	15' 1"	36'
291042	1208 MAG-F SMOOTHWALL HOPPER BIN	39	43	1,375	1,169	12' 6"	19' 1"	36'
291044	1212 MAG-F SMOOTHWALL HOPPER BIN	53	58	1,866	1,587	12' 6"	23' 1"	41'
291046	1216 MAG-F SMOOTHWALL HOPPER BIN	67	74	2,357	2,004	12' 6"	27' 1"	46'
291005	1404 MAG-F SMOOTHWALL HOPPER BIN	33	36	1,141	970	14' 1"	15' 7"	36'
291010	1408 MAG-F SMOOTHWALL HOPPER BIN	50	55	1,764	1,500	14' 1"	19' 7"	36'
291076	1410 MAG-F SMOOTHWALL HOPPER BIN	59	65	2,076	1,765	14' 1"	21' 7"	41'
291020	1412 MAG-F SMOOTHWALL HOPPER BIN	68	74	2,387	2,029	14' 1"	23' 7"	41'
291077	1415 MAG-F SMOOTHWALL HOPPER BIN	81	89	2,855	2,427	14' 1"	26' 7"	46'
291025	1416 MAG-F SMOOTHWALL HOPPER BIN	85	94	3,010	2,559	14' 1"	27' 7"	46'
294694	1420 MAG-F SMOOTHWALL HOPPER BIN	103	113	3,633	3,089	14' 1"	31' 7"	61'
291301	1515 MAG-F SMOOTHWALL HOPPER BIN	101	111	3,578	3,041	15' 6"	28' 7"	44'
291303	1520 MAG-F SMOOTHWALL HOPPER BIN	128	140	4,522	3,844	15' 6"	33' 7"	51'
291305	1525 MAG-F SMOOTHWALL HOPPER BIN	155	170	5,465	4,645	15' 6"	38' 7"	58'

Magnum-F™ Hopper Epoxy Lined Fertilizer Storage Bins (55° Bottom Cone)

Includes Sidewall & Roof Ladders, 24" Opening, Bottom Inspection Hatch, Sight Glass(es) & 19" Discharge Stainless Steel R&P Slide Gate

PART NUMBER		FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
		Tonnes	Tons	(Cu. Ft.)	(Bu.)			
291142	120455 MAG-F SMOOTHWALL HOPPER BIN	30	33	1,035	880	12' 6"	18' 5"	36'
291144	120855 MAG-F SMOOTHWALL HOPPER BIN	43	48	1,526	1,298	12' 6"	22' 5"	41'
291146	121255 MAG-F SMOOTHWALL HOPPER BIN	57	63	2,017	1,715	12' 6"	26' 5"	46'
291148	121655 MAG-F SMOOTHWALL HOPPER BIN	71	78	2,508	2,132	12' 6"	30' 5"	51'
291069	141055 MAG-F SMOOTHWALL HOPPER BIN	65	72	2,291	1,948	14' 1"	25' 7"	46'
294747	141255 MAG-F SMOOTHWALL HOPPER BIN	74	81	2,603	2,213	14' 1"	27' 7"	46'
291079	141555 MAG-F SMOOTHWALL HOPPER BIN	87	96	3,070	2,610	14' 1"	30' 7"	51'
291164	141655 MAG-F SMOOTHWALL HOPPER BIN	91	101	3,226	2,743	14' 1"	31' 7"	61'

Steel Foundations

PART NUMBER		RECOMMENDED BIN SIZE	RING TUBES
294105	FOUNDATION 12' BIN (1 RING)	1204, 120455	1 RING 5"X4"
294108	FOUNDATION 12' BIN (2 RING)	1208, 120855, 1212	2 RING 4"X4"
294109	FOUNDATION 12' BIN (3 RING)	121255, 1216, 121655	3 RING 4"X4"
294102	FOUNDATION 14' BIN (2 RING)	1404, 1408, 1410, 141055, 1412, 141255	2 RING 5"X4"
294103	FOUNDATION 14' BIN (3 RING)	1415, 141555, 1416, 141655, 1420	3 RING 4"X4"
294500	FOUNDATION 15' BIN (2 RING)	1515, 1520, 1525	1 RING 8"X4" & 1 RING 4"X4"

Note: 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/cu. 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.

Note: For foundation specifications, please see information included in reference section of this price book.

Magnum-G™ Hopper Grain Storage Bins Non-Epoxy Lined (40° Bottom Cone)

Includes Sidewall & Roof Ladders, 24" Opening, Bottom Inspection Hatch,
Sight Glass(es) and a 19" Discharge with R&P Slide Gate

PART NUMBER		FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
		Tonnes	Tons	(Cu. Ft.)	(Bu.)			
291275	1204 MAG-G SMOOTHWALL HOPPER BIN	23	18	884	752	12' 6"	15' 1"	36'
291277	1208 MAG-G SMOOTHWALL HOPPER BIN	36	28	1,375	1,169	12' 6"	19' 1"	36'
291280	1212 MAG-G SMOOTHWALL HOPPER BIN	49	38	1,866	1,587	12' 6"	23' 1"	41'
291282	1216 MAG-G SMOOTHWALL HOPPER BIN	62	48	2,357	2,004	12' 6"	27' 1"	46'
291250	1404 MAG-G SMOOTHWALL HOPPER BIN	30	23	1,141	970	14' 1"	15' 7"	36'
291255	1408 MAG-G SMOOTHWALL HOPPER BIN	46	36	1,764	1,500	14' 1"	19' 7"	36'
291229	1410 MAG-G SMOOTHWALL HOPPER BIN	54	42	2,076	1,765	14' 1"	21' 7"	41'
291260	1412 MAG-G SMOOTHWALL HOPPER BIN	63	48	2,387	2,029	14' 1"	23' 7"	41'
291230	1415 MAG-G SMOOTHWALL HOPPER BIN	75	58	2,855	2,427	14' 1"	26' 7"	46'
291265	1416 MAG-G SMOOTHWALL HOPPER BIN	79	61	3,010	2,559	14' 1"	27' 7"	46'
291075	1420 MAG-G SMOOTHWALL HOPPER BIN	95	73	3,633	3,089	14' 1"	31' 7"	61'
291300	1515 MAG-G SMOOTHWALL HOPPER BIN	101	111	3,578	3,041	15' 6"	28' 7"	44'
291302	1520 MAG-G SMOOTHWALL HOPPER BIN	128	140	4,522	3,844	15' 6"	33' 7"	51'
291304	1525 MAG-G SMOOTHWALL HOPPER BIN	155	170	5,465	4,645	15' 6"	38' 7"	58'

Magnum-G™ Hopper Grain Storage Bins - Non-Epoxy Lined (55° Bottom Cone)

PART NUMBER		FERTILIZER		CAPACITY		DIAMETER	HEIGHT	AUGER LENGTH
		Tonnes	Tons	(Cu. Ft.)	(Bu.)			
291141	120455 MAG-G SMOOTHWALL HOPPER BIN	27	21	1,035	880	12' 6"	18' 5"	36'
291143	120855 MAG-G SMOOTHWALL HOPPER BIN	40	31	1,526	1,298	12' 6"	22' 5"	41'
291145	121255 MAG-G SMOOTHWALL HOPPER BIN	53	41	2,017	1,715	12' 6"	26' 5"	46'
291149	121655 MAG-G SMOOTHWALL HOPPER BIN	66	51	2,508	2,132	12' 6"	30' 5"	51'
291237	141055 MAG-G SMOOTHWALL HOPPER BIN	60	46	2,291	1,948	14' 1"	25' 7"	46'
294738	141255 MAG-G SMOOTHWALL HOPPER BIN	68	53	2,603	2,213	14' 1"	27' 7"	46'
291238	141555 MAG-G SMOOTHWALL HOPPER BIN	80	62	3,070	2,610	14' 1"	30' 7"	51'
291165	141655 MAG-G SMOOTHWALL HOPPER BIN	84	65	3,226	2,743	14' 1"	31' 7"	61'

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PART NUMBER		RECOMMENDED BIN SIZE	RING TUBES
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294103	FOUNDATION 14' BIN (3 RING)	1415, 141555, 1416, 141655, 1420	3 RING 4"X4"
294500	FOUNDATION 15' BIN (2 RING)	1515, 1520, 1525	1 RING 8"X4" & 1 RING 4"X4"

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PRODUCTS MAY NOT APPEAR EXACTLY AS PICTURED

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AGI  WESTEEL

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