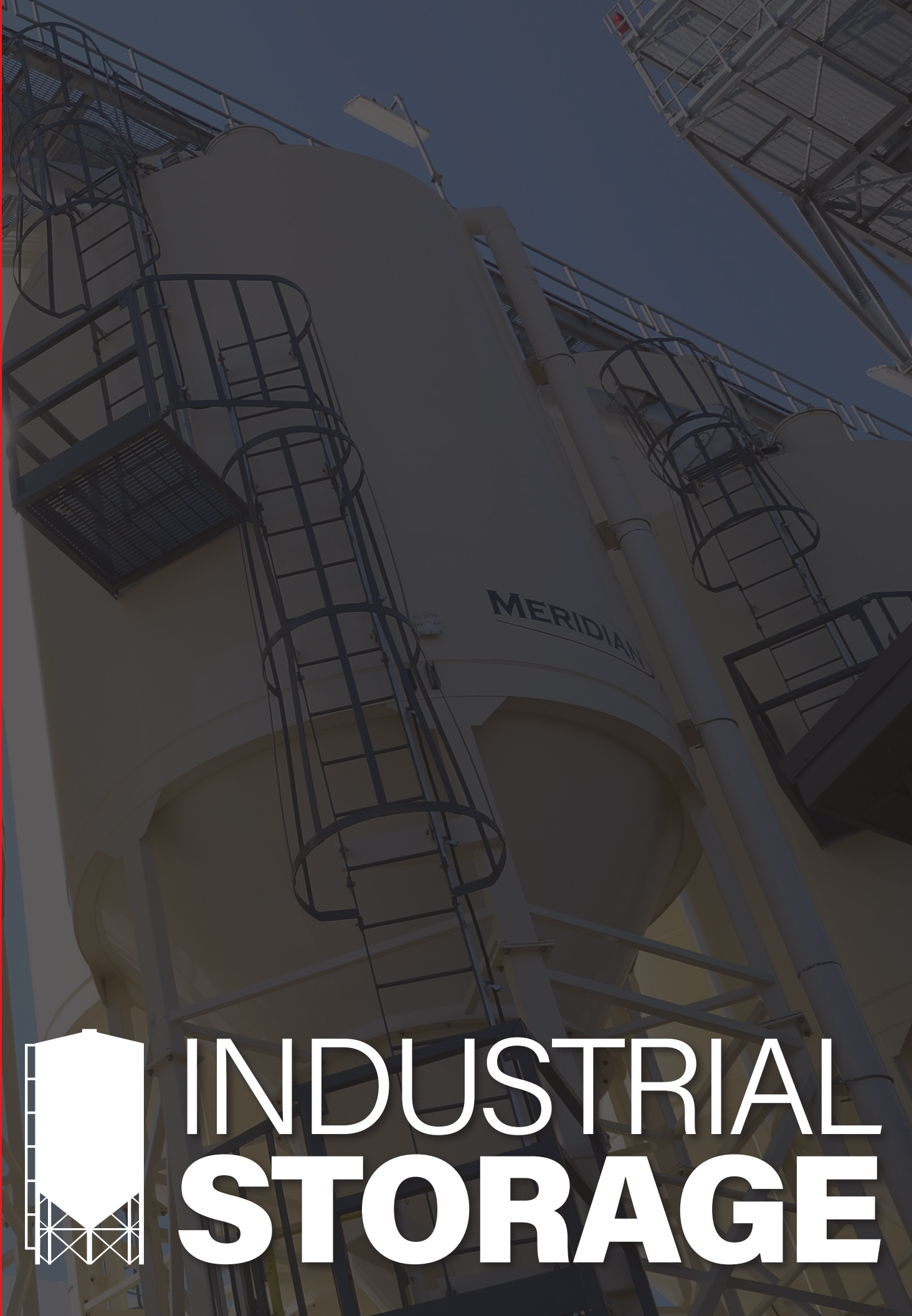




INDUSTRIAL STORAGE



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FROM THE DESERT TO THE ARCTIC,
FROM FOOD GRADE TO EXPLOSIVES,
WE KNOW STORAGE.



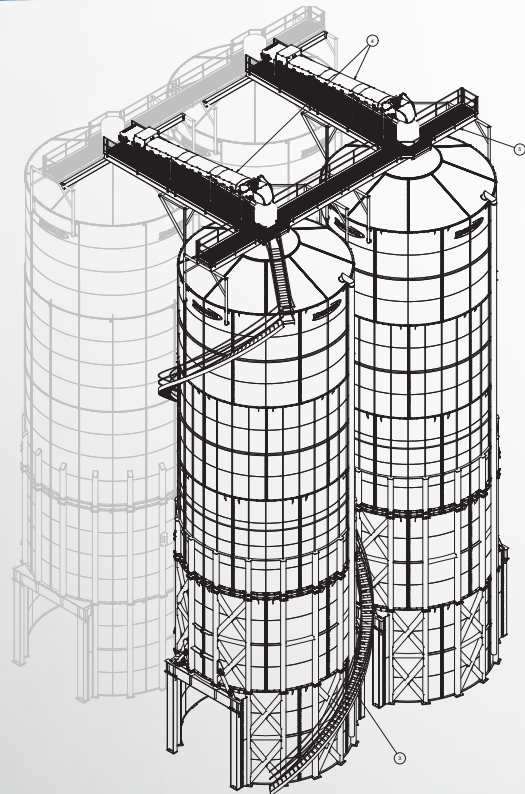
Whatever industry you're in, whatever product you store, Meridian has a solution for you. Each product is unique, and custom designed for the specific application, ensuring your operation gets the perfect storage options.

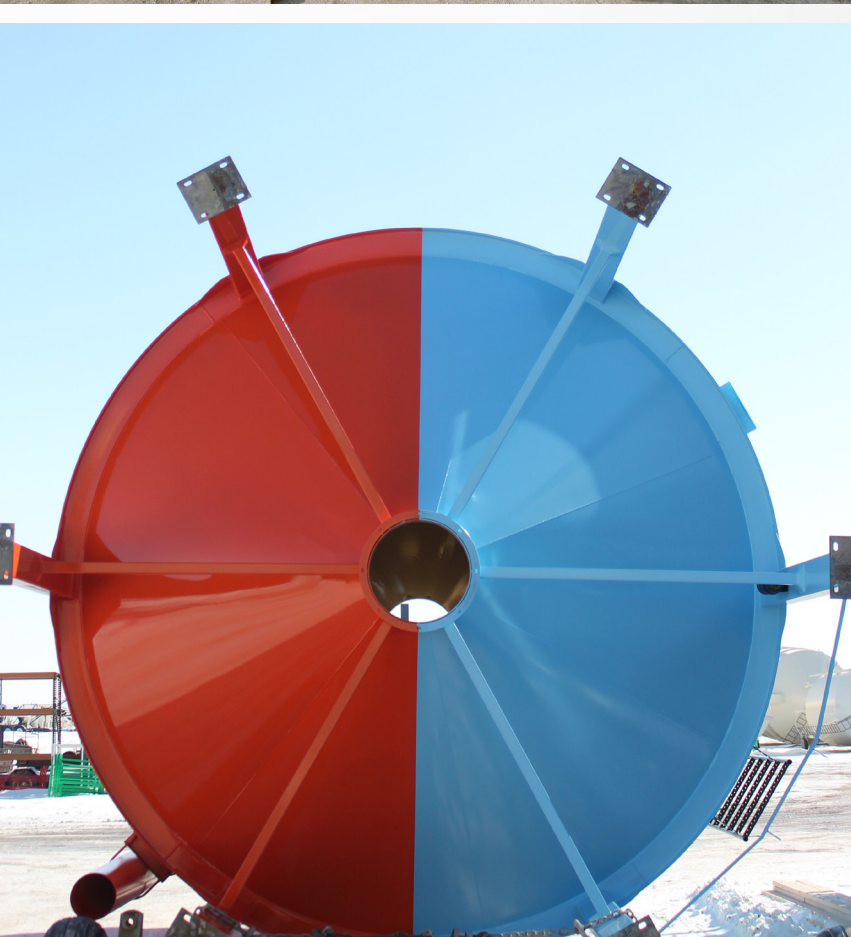
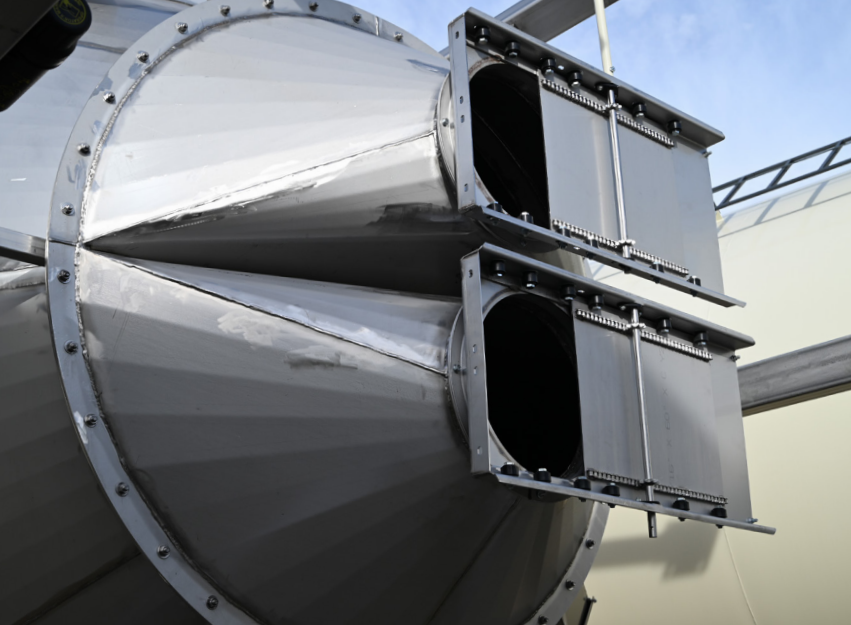
Meridian has a team of product experts, engineers, and over 60 years of manufacturing experience to help consult, design, manufacture and deliver our storage products to your site.

CUSTOM DESIGN & ENGINEERING

Your site and industry are unique- don't settle for a silo that's simply modified.

Backed by years of experience, Meridian does more than build silos — we help bring your vision to life. From custom discharge designs and specialized paint finishes to branded decals and tailored features, our team works with you to create storage solutions that reflect your operation and your brand. Combining your ideas with our engineering expertise and industry knowledge, we develop silos that are as functional as they are distinctive.





WELDED SMOOTHWALL SILOS

Meridian's flagship product, the welded smoothwall silo, has been trusted to store countless commodities since our founding in 1965.

Typically designed with a hopper-bottom cone for clean and efficient unloading, each silo is engineered specifically for the product it will store. This includes customizing the cone angle and shape, silo material, internal coating, ventilation, insulation, and other critical features that are often overlooked by competitors, leading to costly storage issues down the line.

Meridian's welded silos are delivered fully assembled and ready for installation at your site. Available in sizes from 2 to 20 feet in diameter, they offer capacities of up to 12,580 cubic feet.

Some of the industries Meridian has served includes:

Cement & Flyash
Plastics
Brewing & Distilling
Energy

Milling
Agri-Business
Mining
Food Production

Commodity Chemicals
Construction
Municipal/Recreation





WELDED SMOOTHWALL SILOS

CUSTOM SIZES AVAILABLE

The following sizes are **some** of our common models. Additional sizes and configurations available. Not all sizes are available in every region due to shipping restrictions.



AMMONIUM NITRATE SILOS

Assumed ANP @ 50PCF & ANE @ 78PCF

MODEL	CUBIC FEET	ANP TONS (MT)	ANE TONS (MT)
1210-55-10	1514	34	54
1215-55-10	2080	47	74
1220-55-10	2647	60	94
1230-55-10	3777	86	134
1315-55-10	2480	56	88
1320-55-10	3144	71	111
1330-55-10	4471	101	158
1415-55-10	2642	60	94
1420-55-10	3358	76	119
1430-55-10	4790	109	170



CEMENT SILOS

Assumed cement powder @ 95PCF

MODEL	CUBIC FEET	TONS (MT)
910-55-10	788	34
915-55-10	1107	47
920-55-10	1425	61
1215-55-10	2059	88
1220-55-10	2624	113
1230-55-10	3755	162
1415-55-10	2885	124
1420-55-10	3654	158
1430-55-10	5194	224



PLASTICS SILOS

Assumed resin @ 40PCF

DIAMETER	EAVE HEIGHT	HOPPER ANGLE	ROOF DEGREE	CUBIC FEET	TONS (MT)
12	24	45	10	1962	36
12	32	45	10	2980	54
12	42	45	10	4111	75
12	48	45	10	4789	87
12	56	45	10	5694	103
12	60	45	10	6033	110
12	24	60	10	1788	32
12	32	60	10	2693	49
12	42	60	10	3824	69
12	48	60	10	4502	82
12	56	60	10	5407	98
12	60	60	10	5736	104



CRAFT BREWING DRY MALT SILOS

Assumed dry malt @ 35PCF

MODEL	TONS (MT)	CUBIC FEET
1019-55	28	1,763
1212-55	30	1,830
1215-55	35	2,170



MILLING SILOS

Assumed flour @ 35PCF

MODEL	TONS (MT)	CUBIC FEET
1019-55	28	1,763
1212-55	30	1,830
1215-55	35	2,170



FERTILIZER LOAD OUT SILOS

Assumed fertilizer @ 45PCF

MODEL	CUBIC FEET	TONS (MT)
1210-45	1450	30
1215-45	2000	42
1410-45	2100	43

IMPORTANT NOTE ON CAPACITY:

Meridian works to provide specifications that are as accurate as possible; however, all capacities, weights, dimensions, and related figures in this brochure are approximate.

Stored products can vary in density, moisture, and flowability. These differences can affect the actual usable capacity of silos and tanks.

For best results, plan your storage needs based on product volume and allow some extra capacity for normal variation in both the product being stored and manufacturing tolerances.



STEEP CONE SILOS

MODEL	BUSHEL	CUBIC FEET	MT @ 62PCF	MT @40PCF
12' Diameter Steep Cone Series - 55 Degree Bottom Cone				
1208-55	1178	1382	39	25
1210-55	1371	1607	45	29
1212-55	1563	1833	52	33
1215-55	1851	2171	61	39
14' Diameter Steep Cone Series - 55 Degree Bottom Cone				
1410-55	1928	2297	65	42
1415-55	2576	3065	86	56
1417-55	2835	3372	95	61
1420-55	3224	3833	108	70
15.5' Diameter Steep Cone Series - 55 Degree Bottom Cone				
15.510-55	2447	2917	82	53
15.520-55	4036	4800	135	87
15.525-55	4830	5741	161	104
15.530-55	5621	6678	188	121
16' Diameter Steep Cone Series - 55 Degree Bottom Cone				
1610-55	2638	3144	88	57
1615-55	3484	4147	117	75
1620-55	4330	5150	145	93
1625-55	5177	6153	173	112
1630-55	6019	7152	201	130

BOLT TOGETHER SILOS

When it comes to large commercial silos, our BTS Series is the perfect solution for storing any granular, dry product. Meridian's Bolt-Together Silos are heavy-duty and engineered to store materials with densities up to 115 lbs per cubic foot. Featuring a high-quality powder coating, these bins are ideal for corrosive products such as fertilizer or abrasive materials like sand.

With fewer, larger components, the Meridian BTS Series is easier to assemble in the field. All bolts are located on the exterior of the silo, with a superior connection system that ensures both ease of assembly and long-term durability.

Each silo is custom-designed to suit your site. Drive-thrus, staircases, and other configuration options are available.

FEATURES

- Engineer Designed for Sand up to 115 lbs./cu ft
- Various sizes up to 67,990 cubic feet
- 10 Year Structural Warranty
- Powder Coat Finish

Options

- Catwalks
- Spiral Staircases
- Drive-Thrus

Industries/Application Served

- Mining/Minerals
- Fertilizer
- Frac Sand
- Grain
- Cement



MODEL	DIAMETER	CUBIC FEET
BTS-2340-60	23'	20,100
BTS-2360-60	23'	28,420
BTS-2740-45	27'	26,670
BTS-2760-45	27	38,120
BTS-3040-45	30'	33,450
BTS-3060-45	30'	47,590
BTS-3850-45	38'	67,230



MOBILE SILOS

The Meridian Mobile Silo is the ideal storage solution for temporary job sites or use as a transload site.

Delivered on a unique trailer system, the Mobile Silo can be operational in just 15 minutes- no crane required.

Designed for storing cement, fly ash, and other non-abrasive materials such as calcium, lime, and barite.

The heavy-duty skid base provides stability without the need for a foundation or major ground preparation.

Twin 5" fill lines allow two trucks to unload simultaneously for greater efficiency.

A self-contained filling and discharge system operates with either on-site power or a generator- perfect for remote locations.

Each Mobile Silo is powder-coated inside and out for durability and consistent material flow.

Safety features include overfill alarms, pinch valves, level indicators, and over-pressure switches to ensure safe operation.



CAPACITY	DIMENSIONS
3540 Cubic Feet	Height: 48'
Capacity (suspended, 75lbs./CF): 160 Ton 145 M.T.	Base: 12' 5" X 12' 5"
Capacity (packed, 90lbs./CF): 192 Ton 174 M.T.	11.5' Silo Diameter



STAINLESS STEEL TANKS

Meridian offers a full line of Stainless Steel Hopper Bins, Liquid Tanks, and Chemical Tanks. For liquid tanks, the interior seams are back welded and then pressure tested. They undergo a wash and treatment system (Re-Passivation) removing free iron from the surface of metal using an acid solution to prevent rust. Below are some of the flat bottom tank specifications. For further specifications on our chemical tanks or dry stainless tanks, visit meridianmfg.com/stainless.

Model	Liters	Tons (MT)	Diameter	Height
SS1215	49,160	63	12'	18' 3"
SS1220	65,175	85	12'	22'-3"
SS1225	81,187	105	12'	27'-3"
SS1230	97,200	126	12'	32'-3"
SS1235	113,213	147	12'	37'-3"
SS1240	129,226	168	12'	42'-3"
SS1315	56,910	73	13'	16' 3"
SS1320	75,397	97	13'	23' 5"
SS1325	93,906	121	13'	28' 5"
SS1330	112,415	145	13'	33' 5"
SS1335	130,904	169	13'	38' 5"
SS1340	149,394	193	13'	43' 5"
SS1425	110,764	144	14'	27'-5"
SS1430	132,559	172	14'	32'-5"
SS1435	154,354	200	14'	37'-5"
SS1440	176,149	228	14'	42'-5"
SS1620	116,540	151	16'	22'-7"
SS1625	145,007	188	16'	27'-7"
SS1630	173,474	225	16'	32'-7"
SS1635	201,942	262	16'	37'-7"
SS1640	230,409	299	16'	42'-7"
SS1830	219,979	285	18'	32'-9"
SS1835	256,007	332	18'	37'-9"
SS1840	292,036	379	18'	42'-9"
SS1850	364,094	472	18'	52'-9"

Tonnes are based on 13 lbs/Imp Gallon





STAINLESS CHEM TANKS

Meridian Stainless Steel Chemical Tanks are safe and effective storage for liquid chemicals. Built with 304 B2 or 316 grade stainless (depending on chemical requirements), interior seams are back welded and then pressure tested. They undergo a wash and treatment system (Re-Passivation) removing free iron from the surface of metal using an acid solution to prevent rust.

Liquid fittings are added to these tanks, making the handling of liquid products trouble free.

Item #	Model#	Diameter	Height	Approximate Gallons
170412B	FRI 412 304 2BSS	4'	13'-6"	1,127
170608B	FRI 608 304 2BSS	6'	9'-10"	1,717
170610B	FRI 610 304 2BSS	6'	11'-10"	2,137
170612B	FRI 612 304 2BSS	6'	13'-10"	2,557
170614B	FRI 614 304 2BSS	6'	15'-10"	2,978
170616B	FRI 616 304 2BS S	6'	20'-6"	3,398
170804B	FRI 804 304 2BSS	94"	6'-1"	1,517
170808B	FRI 808 304 2BSS	94"	10'-1"	2,951
170810B	FRI 810 304 2BSS	94"	12'-1"	3,668
170812B	FRI 812 304 2BSS	94"	14'-1"	4,385
170814B	FRI 814 304 2BSS	94"	16'-1"	5,103
170816B	FRI 816 304 2BSS	94"	18'-1"	5,820
171010B	FRI 1010 304 2BSS	10'	13'-3"	6,205
171012B	FRI 1012 304 2BSS	10'	15'-3"	7,375
171014B	FRI 1014 304 2BSS	10'	17'-3"	8,545
171210B	FRI 1210 304 2BSS	12'	14'-2"	9,044
171212B	FRI 1212 304 2BSS	12'	16'-2"	10,730
171214B	FRI 1214 304 2BSS	12'	18'-2"	12,416
171216B	FRI 1216 304SS	12'	20'-2"	14,102
171220B	FRI 1220 304SS	12'	24'-2"	17,445
171224B	FRI 1224 304SS	12'	28'-2"	20,812

Capacities are based on 62 lbs/ft³. Custom sizes available.





FUEL STORAGE

Meridian offers commercial Double Wall Horizontal and Vertical Fuel Tanks, along with Single Wall Vertical Fuel Tanks. These tanks are available in sizes up to 27,000 gallons (125,000L).

Meridian tanks are designed to meet UL & ULC standards, and can be configured with structures such as platforms, staircases, and walkways.

HORIZONTAL DOUBLE WALL TANKS

MODEL	VOLUME		DIAMETER		LENGTH (WITH SKID)	
	LITERS	IMP. GAL	CM	INCHES	CM	INCHES
MDW-2300	2,310	508	130	51	226	89
MDW-4595	3,241/1,351	713/297	130	51	406	160
MDW-4600	4,607	1,013	130	51	406	160
MDW-10000	9,972	2,194	163	64	572	225
MDW-15000	14,900	3,278	229	90	592	233
MDW-25000	24,890	5,475	229	90	843	332
MDW-35000	38,846	7,665	229	90	1,107	436
MDW-50000	50,015	11,002	302	119	958	377
MDW-65000	65,100	14,298	302	119	1,173	432
MDW-75000	75,800	16,674	302	119	1,326	522
MDW-100000	99,530	26,417	323	127	1509	594

STANDARD FEATURES:

- CAN- ULC-S601-14 Approved | National-Provincial Fire Code Compliant
- 100% Secondary Containment
- Emergency Vents
- Spare Openings for future use
- Ladder & platform combo
- Tank side dip stick holder & dipstick
- Steel piping from top mount pump to the center of the tank head
- Rugged wide flange skids
- Powder coat finish

OPTIONS:

- Submersible Pumps c/w Anti-Siphon Device
- Horsepower: 3/4hp (40gpm) & 1.5hp (60gpm)
- Arctic Hose Size: 1 1/4" x 20' & 3/4" x 20'
- Custom Hose Lengths available
- Automatic Nozzles
- Meter - Fill Rite FR901
- 1" CIM TEC Diesel Filter
- HD Hose Retractor c/w Hose Bun
- STD Hose Retractors (spring loaded)
- Front Side Mount Bottom Fill System c/w 3" Camlock
- MECO Overfill Audible Alarm

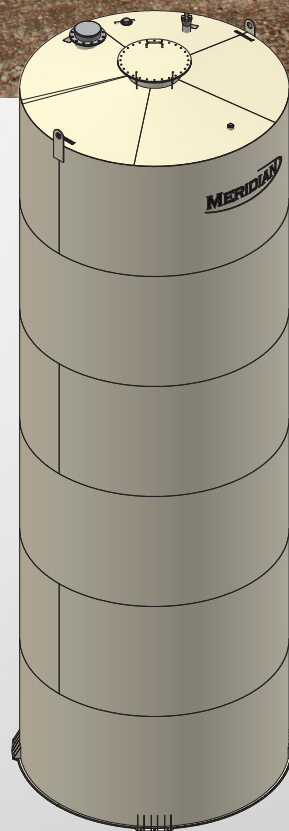


Also Available: Fuel Trailers (US Only) and Used Oil Tanks



VERTICAL DOUBLE WALL TANKS

Vertical Double Wall tanks are available in sizes up to 65,000L. Tank shown above illustrates the options available for the DW tanks.



SINGLE WALL TANKS

All single wall tanks are ULC-601-14 Certified. Sizes available:
50,380L | 66,020L | 76,450L
90,350L | 125,100L

*Custom sizes available upon request.

CORRUGATED WATER TANKS



Meridian Corrugated Water Tanks are professionally engineered for a wide range of storage challenges including rainwater and condensate capture, potable water, wastewater and storm-water retention, firefighting reserve water supply and many other liquid storage possibilities



Residential



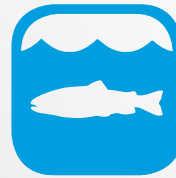
Public Water



Agriculture



Industrial



Aquaculture



Energy



Fire Suppression

Corrugated Water Tank Benefits:

Size and Footprint Flexibility: Each tank is engineered to your site's needs.

Capacity: Meridian offers tanks from 813 USG to 360,092 USG, which are easily shipped and assembled on location.

Custom Options: Roof options, vent options, ladders, powder coat paint, staircases and more

SECONDARY CONTAINMENT



Meridian's Secondary Containment systems are purpose-built to protect your site and surrounding environment with modular galvanized steel construction engineered for long-term durability. Designed to meet the rigorous demands of industrial and commercial operations – including liquid fertilizer sites, ammonium nitrate storage, spray brine systems, and oil facilities – these systems provide exceptional spill containment and compliance support in high-risk storage applications.

From environmental safety to long-term corrosion resistance, our containment systems are the reliable solution for engineers and project managers requiring efficient installation, scalable configuration, and peace of mind.

WHAT SETS MERIDIAN APART:

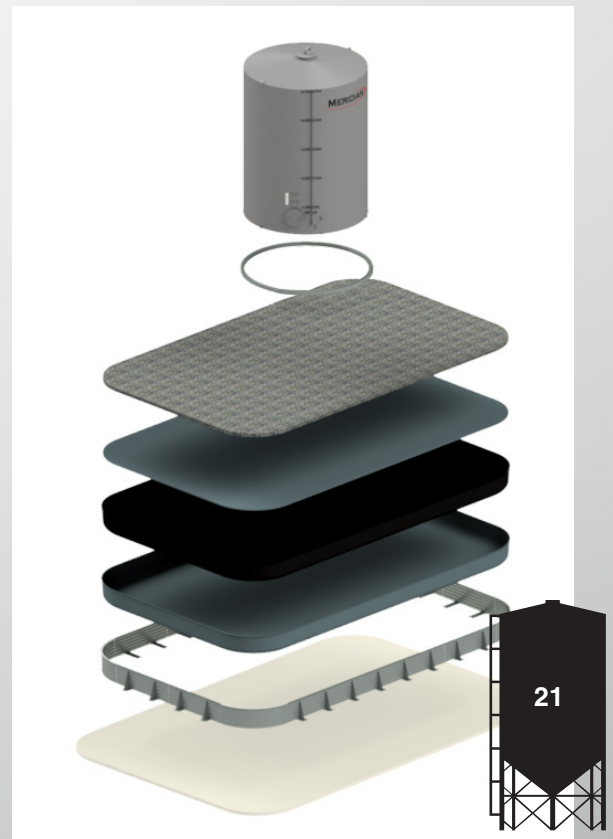
Durable Galvanized Steel Panels: Corrosion-resistant even in harsh climates with virtually no maintenance.

Modular and Scalable: Easily configure and expand to meet your site's evolving needs.

Panel Options: Choose 12 or 15-gauge corrugated panels in various lengths and wall heights (17" to 47").

Custom Configurations: Precision-fit designs with radius or angled corners and optional additional support bracing.

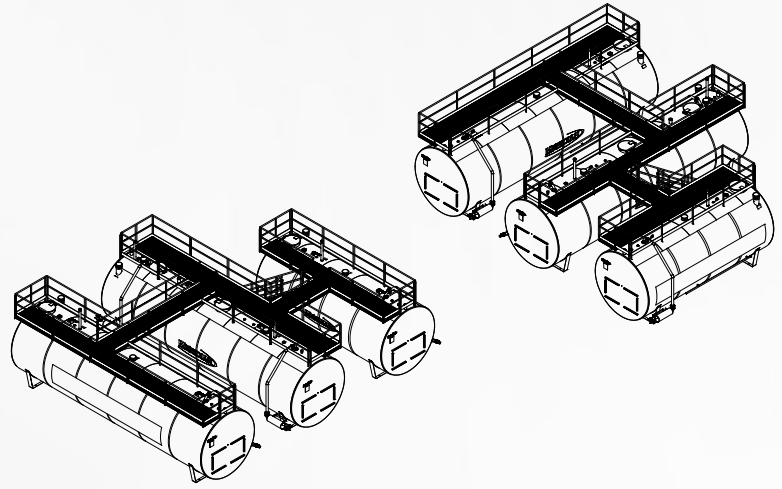
Rapid On-Site Assembly: Lightweight, manageable components ensure faster field installation.



STRUCTURES

In addition to storage solutions, Meridian offers a large range of structural options such as drive-thrus, ladders, platforms, staircases, towers, and walkways to make your site as efficient and safe as possible.

Structures are built to the national building codes (IBC/ASCE 7 or NBC) and walking and working surfaces are built to local OSHA/OH&S regulations.





SANDSTOR™ SILOS



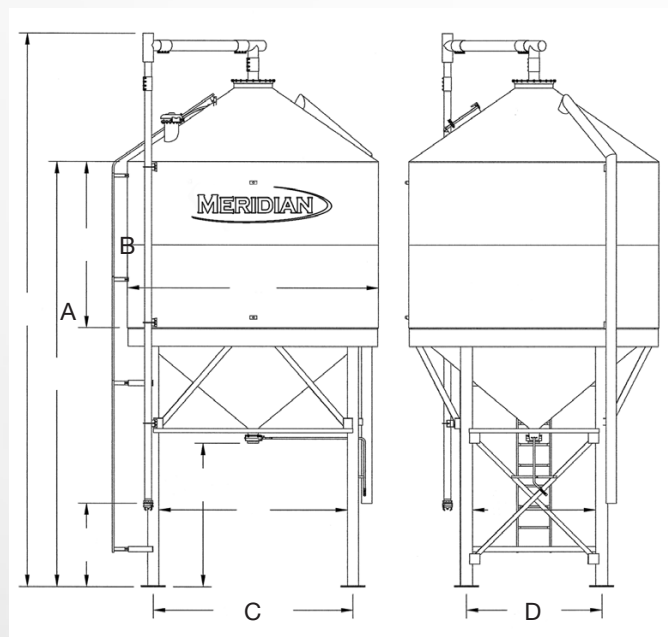
The SandStor Silo is specifically designed for golf course application, providing aesthetically appealing storage of clean, dry, uncontaminated topdressing sand. Simple operation allows easy filling of applicators and spreaders. The SandStor Silo is delivered fully constructed to your facility and set in place. Built by quality craftsmen with attention to detail, the SandStor will offer years of trouble-free service.

FEATURES & ACCESSORIES

- 40 Degree Cone Bottom
- 4" Fill Tube Assembly
- 6" Vent Assembly with Filter Sock
- 22" Triple Latch Roof Manhole
- Level Indicators
- 6" Butterfly Valve with Handle
- 6'-10" Discharge Clearance
- Access Ladder
- Bin Color: Hunter Green

OPTIONS

- Ladder Cage Package
- Ladder Lockout
- Roof Handrail
- Skid Base



Model	Diameter	Overall Height (A)	Sidewall (B)	Skid Length (C)	Skid Width (D)	Circumference	Overall Capacity	Weight
1204	12'	20' 8"	4'	9' 7"	6' 6"	11' 7"	800 ft ³	5,113 lbs.
1208	12'	24' 8"	8'	9' 5"	6' 5"	11' 5"	1,250 ft ³	6,004 lbs



BREWERY SILOS



With a powder coated exterior and available food grade interior coating, Meridian silos are crafted for quality and reliability. Meridian bins are available in various degree cones, making malt grain handling and cleanout easy and efficient. **With a large range of custom paint and decal options you can give your silos as much character as your beer.** Whether you require a small grist hopper or a 300,000lb malt silo, there's has a Meridian SmoothWall bin custom designed for your needs.



Also available from Meridian

CONVEY-ALL®

As a Meridian Manufacturing brand, Convey-All designs and manufactures conveyor systems built to perform in demanding industrial environments. From manufacturing and processing facilities to oil and gas operations, Convey-All equipment is engineered to deliver reliable material handling where productivity matters most.

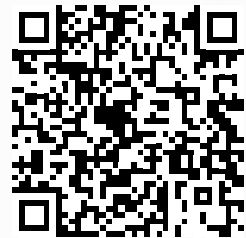
Portable conveyors are available in stainless steel configurations for handling corrosive materials and challenging applications. Offered in 16" and 22" belt widths, these conveyors provide capacities up to 12,000 BPH, with self-propelled models available in lengths up to 110 feet.

For oil and gas applications, Convey-All's Sand Series conveyors are purpose-built for frac sand handling. Designed to withstand harsh operating conditions, these heavy-duty systems deliver capacities up to 22,000 lb/min, providing efficient and dependable material movement in the field.

Convey-All also offers permanent material handling solutions, including under-bin and tri-roller conveyor systems for facilities requiring continuous, reliable product flow.

Whether handling plastics, aggregates, fertilizers, specialty materials, or frac sand, Convey-All conveyor systems are engineered to help move your operation forward.

Learn more at Convey-All.com



Stainless Truck Loader with Rail Car Hopper



Stainless Silo Fill with Swing Out



Rail Car Transfer Conveyor



Silo Fill Conveyor



Frac Sand Drive Over (FSDO) Conveyor

SANDSERIES

HEAVY DUTY & ENGINEERED FOR FRAC SAND.



MERIDIAN[®]

www.meridianmfg.com

Camrose, Alberta
(800) 830-2467

Lethbridge, Alberta
(800) 661-1436

Winkler, Manitoba
(800) 665-7259

Storm Lake, Iowa
(800) 437-2334