



# ENVIRONMENTAL CONTAINMENT

**MERIDIAN**<sup>®</sup>



## WHO WE ARE

Meridian Manufacturing offers storage and handling products for the agricultural, commercial and industrial markets. Meridian is dedicated to developing smart engineered products for maintaining, improving and protecting the environment. By utilizing green manufacturing practices and finding new solutions for various industries, Meridian environmental containment products will help make the world a better place today and create sustainability for future generations. Over a span of 65 years, Meridian Manufacturing has grown to include six world class manufacturing plants located in Cambridge, ON, Camrose, AB, Lethbridge, AB, Regina, SK, Winkler, MB, & Storm Lake, IA.

We chose **Meridian** because of their reputation for **performance** and **quality**.

KYLE FRIESEN - ALTONA, MB

# PEOPLE

At Meridian Manufacturing, we believe in the staff and dealers who power our company and in the relationships we build with our customers. Our team takes pride in the work we do and we are committed to delivering innovative and reliable storage and handling products.



# PRODUCTS

For Meridian Manufacturing, integrity means that the products we sell are built to the highest standards and that we will always stand behind our work. We know that there is more to being a leader than manufacturing a product.



# PERFORMANCE

Our people and products deliver quality performance for you and your operation. We believe that when you are successful, so are we.



# IRRIGATION WATER USE



Meet the demands of your irrigation project with Meridian water storage. Whether you need to store, capture or reclaim water for irrigating crops, greenhouses or landscapes, talk to Meridian today to find an option that can make your operation more effective.

# LIVESTOCK PRODUCTION



A reliable and clean source of water can make the difference with your livestock operation. Meridian's livestock water systems offer versatile bulk water storage and remote location watering systems. Livestock production relies on more than just watering solutions - ask us about the other liquid storage capabilities such as animal facility cooling, sanitation/wash down of facilities and slurry storage options.



## AQUACULTURE

Meridian's galvanized water storage products are well suited for the aquaculture industry, offering habitat containment and waste water management. Take care of more than your aquaculture's water needs with our line of hopper bottom feed bins, stainless steel storage bins and conveyors.



## DOMESTIC WATER SYSTEMS

Store and capture the water that you and your family require from day to day. Meridian's domestic systems cater to water that is captured, stored or re-purposed for indoor and outdoor uses such as drinking, food preparation, bathing, washing clothes and dishes, flushing toilets, watering lawns or gardens and maintaining pools.

# PUBLIC WATER SUPPLY



Meridian's team of product experts, engineers, production staff and logistic managers can help design, build, and deliver the perfect system for your community's water management needs. Meridian offers a full line of products to match your budget and to cater to a wide variety of public water use, such as public pools, parks, firefighting, water and wastewater treatment and municipal buildings.

# INDUSTRIAL WATER MANAGEMENT



Don't let the need for water management slow your business down. Meridian has storage solutions for water used in manufacturing processes such as fabricating, processing, washing, diluting, cooling or for sanitation & wastewater needs within the manufacturing facility. Look for ways to become more environmentally sustainable with unique water management methods.



## NATURAL RESOURCES

Meridian has significant experience in the natural resources sector. Water is a vital component to the extraction and production of natural resources. Whether you need remote water storage, waste product management, reclamation water storage, water capturing, or secondary containment and frac sand storage, look no further than Meridian's extensive product offering.



## GROUNDWATER PROTECTION

Prevent harmful contamination and minimize spill risk with Meridian's line of Secondary Containment. Meridian's secondary containment provides the ultimate protection against leaks or spills for natural resource extraction and storage processes, petro chemical processing, agricultural processes and other application where environmental spills are a concern.



## GALVANIZED TANKS



Meridian Galvanized Tanks offer consumers economical, reliable and environmentally conscious liquid storage. Galvanized tanks offer low cost shipping, simple setup, minimal maintenance and a wide range of options for dependable and versatile storage.

### FLAT BOTTOM TANKS



Meridian Galvanized Tanks are easily configured around your operation and application. Tank styles range from single ring tanks to multi-ring models that can have an open top or enclosed roof, ladder, various fittings and more. Meridian tanks are engineered to withstand the harshest environments, and designed to handle conditions such as wind, snow, and seismic activity. Galvanized steel requires less maintenance and offers longer lasting solutions than other options, making it an ideal choice for cost effective, long term liquid storage.

### STRAIGHT FORWARD ASSEMBLY



Meridian's tanks are designed for fast, straight forward assembly and superior quality. With features such as finned grade 8 bolts (that do not require the bolt to be secured from the back while it is tightened) and ultra flat 5" corrugated panels, Meridian is the ideal tank for both end users and contractors.

# SECONDARY CONTAINMENT



Meridian's Secondary Containment Systems are designed to protect your land in the case of a spill or emergency. Meridian's Secondary Containment is precision manufactured with 5" ultra flat steel panels for superior durability and setup ease.

## CUSTOM CONFIGURATIONS



Meridian's line of secondary containment is engineered to be flexible to meet your containment cell regulations and requirements. It is designed to have the flexibility to change configurations and to add on in the case of future expansions.



Meridian's Secondary Containment is offered in many standard configurations. Custom layouts can be engineered for your location.



Our secondary containment is designed to accommodate different site requirements. Straight and angled corners are available, liners can be fastened to the top or base mounted that allows sand covering on the liner. Both post and zero ground disturbance panel support is available.



Meridian's Liquid hopper tanks are the ultimate liquid storage, taking versatility and multi-purpose to the extreme. In addition to storing all the dry flowable products of the fertilizer series, these bins are designed, engineered and painted to store a whole range of liquid products such as liquid fertilizer, liquid feed supplements and more.

## FEATURES

- HSS (hollow structural steel) legs and bracing
- Minimum 12 gauge construction
- Welded - Inside and outside
- Interior has 2 coats of Meridian's epoxy powder
- Exterior has 2 coats : Meridian's exclusive premium powder finish and a zinc undercoat
- Complete sidewall and roof ladder
- Heavy duty flanged bottom opening with 25" top opening
- Vented top lid – spring loaded and ground operated
- Retractable ladder
- Stainless steel 25" top opening
- Retractable ladder bottom plate



# SMOOTHWALL TANKS



## STAINLESS TANKS



Meridian's stainless steel liquid storage tanks are manufactured to store a variety of liquid products including chemicals, fertilizer, oils and water. For liquid storage that is unsurpassed, a Meridian stainless steel tank is a superior choice.

### KEY FEATURES



Liquid bins go through a wash and treatment system to remove any particles that may be left on the surface, followed by back welding interior seams and are then pressure tested. Liquid fittings are added to these bins making the handling of liquid products trouble free.

### MERIDIAN AIRMIX LIQUID FLUIDIZER



The AirMix is a pulsating air injection system across the bottom of the tank. Operators can select the speeds and settings of the pulsing action with Meridian's Variable Control System, changing the duration and the frequency of the air agitation within the tank. Gentle

mixing action, low HP requirements and full automation make the AirMix a must have for any liquid storage tank.



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