



SmoothWall Bins



Underbin Conveyors



Paddle Belt Conveyors



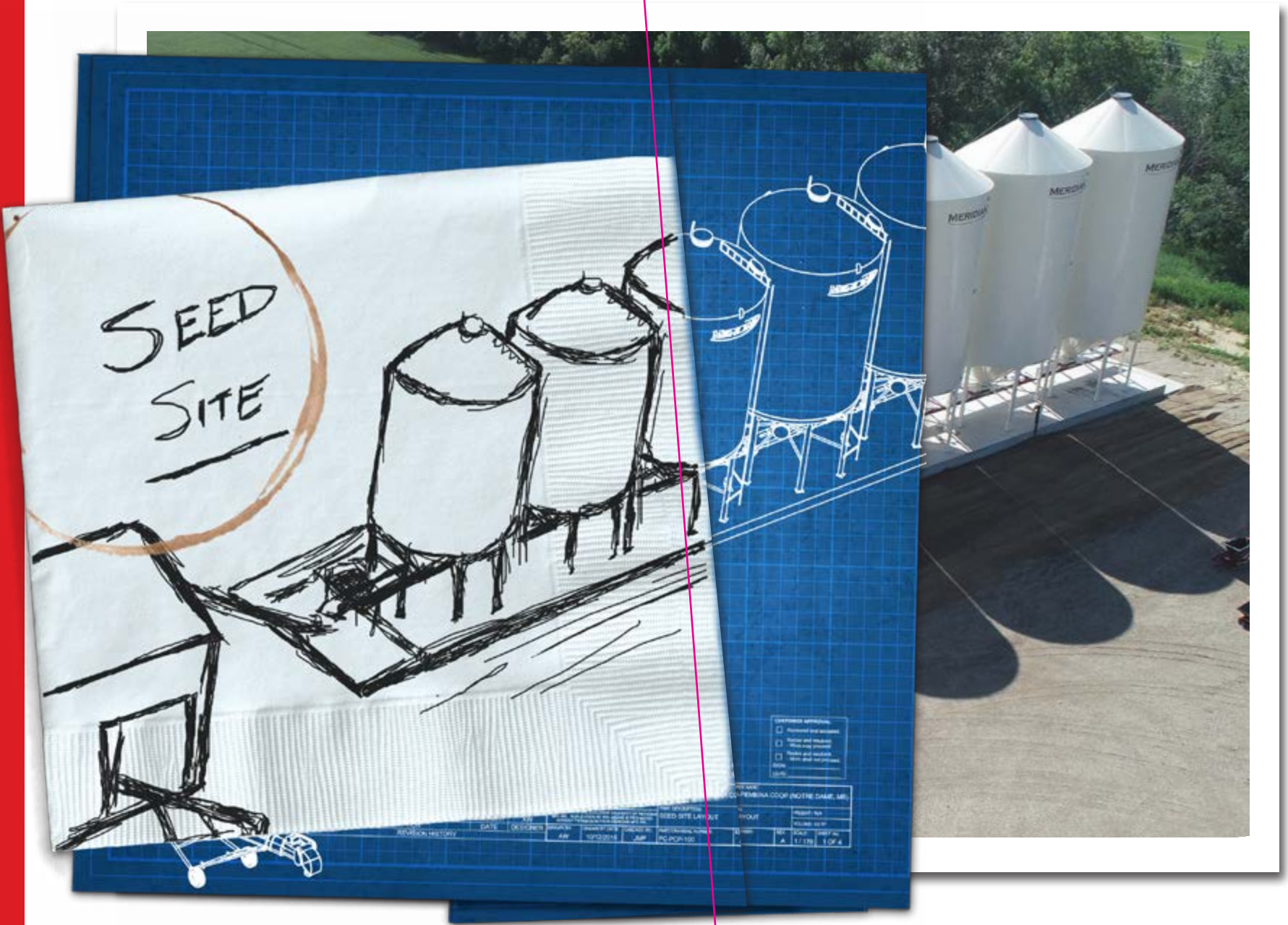
Conveyors



Custom Design



Tenders



# SEED SITE PROJECTS

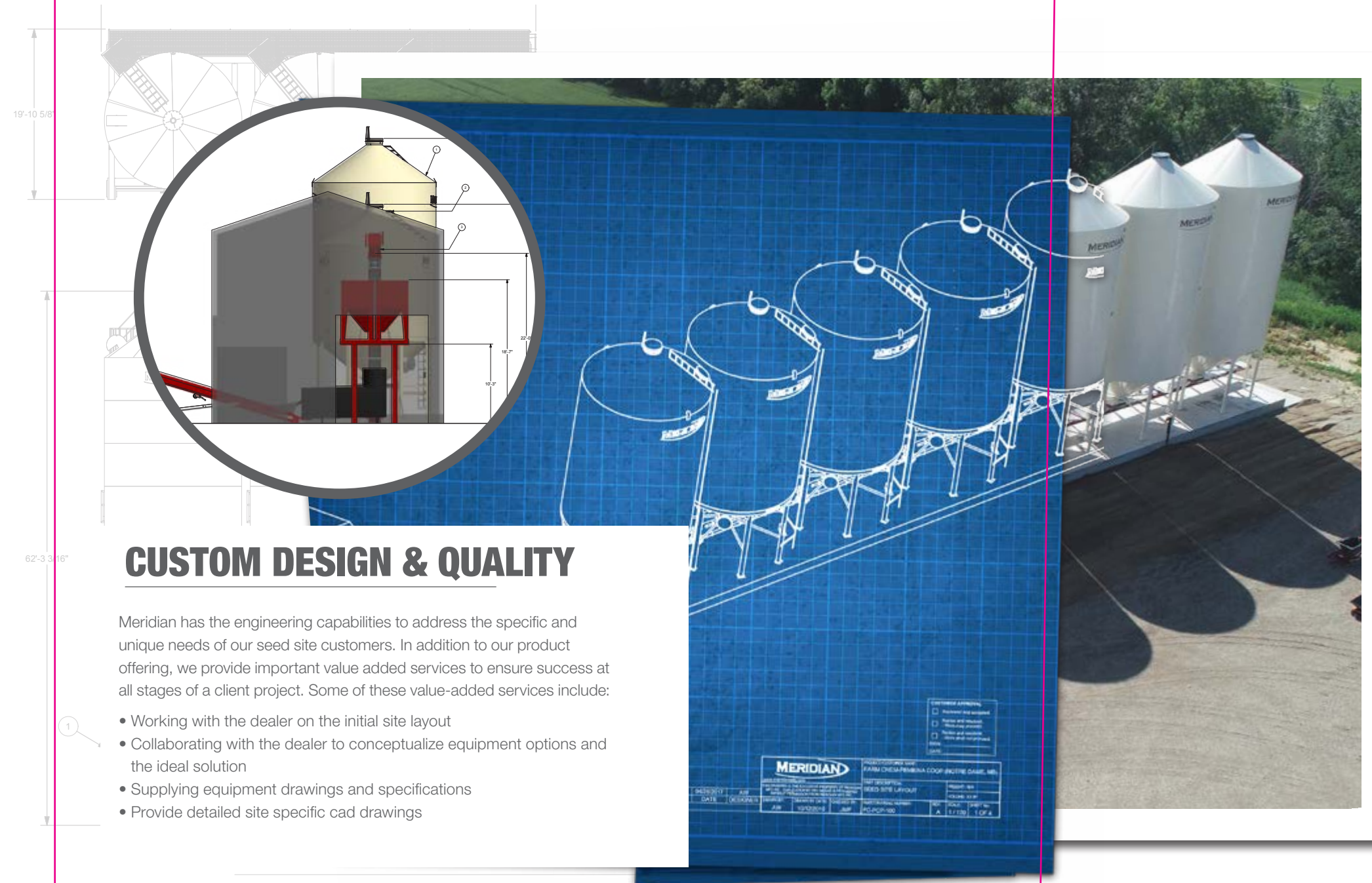




## OUR EXPERIENCE, YOUR VISION

Backed by years of experience, Meridian does more than just take orders. Your vision is what motivates the Meridian Manufacturing team. Our experts provide suggestions and solutions based on your input and industry knowledge. We'll work on a plan together to turn your vision into reality. Trust Meridian to design the perfect storage and handling plan that's customized for you.

# PLAN



## CUSTOM DESIGN & QUALITY

Meridian has the engineering capabilities to address the specific and unique needs of our seed site customers. In addition to our product offering, we provide important value added services to ensure success at all stages of a client project. Some of these value-added services include:

- Working with the dealer on the initial site layout
- Collaborating with the dealer to conceptualize equipment options and the ideal solution
- Supplying equipment drawings and specifications
- Provide detailed site specific cad drawings

# DESIGN



## PROVEN MANUFACTURING

Over the years, Meridian has developed a full line of light commercial to heavy industrial options and has a reputation for the highest standards of excellence. We'll take the time to ensure that quality materials are used and installed properly. We'll oversee each step by using tried and proven materials and practices. Meridian is continually investing in the latest technology, equipment and training programs in an ongoing effort to carefully design and develop the most efficient and durable product. Robots are utilized in highly repetitive and tight welding spots to ensure unsurpassed welding quality and the whole process is shaped by our engineering plans that cover the scope and complexity of the project.



# BUILD



## SUPERIOR SUPPORT

From our factory to your site, we deliver. The Meridian's Logistic Team will make sure your order is transported and built to your needs. After your site is operational, you'll continue to be covered with superior customer service and after the sale support. Meridian offers a robust 10 year structural and one year coatings warranty, along with an optional three year coatings warranty with the addition of an industrial coatings upgrade.



# DELIVER

**MERIDIAN**<sup>®</sup>



## SMOOTHWALL BINS



Built with industrial gauge steel, Meridian SmoothWall bins are the premium choice for Seed, Grain, and Fertilizer storage. Meridian offers many different custom designed configurations for loading and discharging dry flowable products. Our clients demand an effective integration of storage and handling equipment so Meridian always delivers innovative design and convenient options.

### SEEDMAX SERIES



#### STANDARD FEATURES

- Internal seed ladder
- Cone manway
- Access ladder
- 27" vented remote lid
- Roof manhole
- Three view glasses
- Rack & pinion slidegate with adjustable band clamp
- 36" clearance
- Welded seam construction
- Powder coat exterior
- Probe hole—for seed sampling
- 40 degree cone bottom.



#### OPTIONAL FEATURES

- Electric rack & pinion slide gate
- Ladder cage packages
- Skids
- Aeration
- Air gate transitions

### AIRMAX® AERATION



The Meridian AirMax™ Aeration system cools and dries grain and seed, minimizes the risk of bugs, allows farmers to start harvesting earlier and significantly decreases the chance of spoilage in the bin. Meridian offers vertical and horizontal aeration, as well as a full line of AirMax® fans.



## UNDERBIN CONVEYORS



Meridian quality is in the details and our under bin conveyor is no different. Our 18" underbin conveyor features a rod style trough design which reduces contamination risks, eliminates belt freezing and reduces friction. Our under bins are the most robust in the seed site industry and the only ones to include a quick release bottom panel for easy clean out and inspection.

### FEATURES



- Single End Drive (up to 90ft)
- Dual End Drive (up to 145ft)
- S-Drive (up to 200ft) • Rod style trough design eliminates belt freezing, reduces friction and offers complete clean-out
- Removable bottom pans simplify maintenance and clean-out mounts directly to the bins
- Optional air gates for automated systems
- Easy access for complete clean out
- 18" chevron belt
- Reversible kit comes standard on all conveyors





INTRODUCING MERIDIAN'S NEW  
**PADDLE BELT CONVEYORS**



Meridian is excited to introduce our new series of Paddle Belt Conveyors. Meridian's Paddle Belt conveyors give the operator the ability to greatly increase the angle of operation, minimizing the footprint in tight spaces. The Meridian Paddle Belt is capable of running at an incline of 40 degrees, while offering a capacity of up to 4,000BPH.

**TRANSPORT CONVEYORS**



Meridian Transport Conveyors are manufactured with heavy-duty, fully enclosed construction. These electric drive paddle belt conveyors are available in lengths from 18-48ft. The conveyors feature a 10" heavy duty, fully enclosed tube with a 16" paddle belt.

**FLOOR MOUNT CONVEYORS**



Each seed site is different and often there are space constraints that can make it hard to position a floor mount conveyor. Meridian floor mount conveyors overcome this by design: our heavy duty structural frame is built right into the conveyor so you can mount the telescoping floor mount frames anywhere on the tube section and place where it's convenient. Our floor mount conveyors use a similar configuration to our transport conveyors so you get the same options and great performance.



**CONVEYORS**



Protect the integrity of your seed and grain or move your fertilizer with Meridian's High Capacity Conveyors. Take advantage of the fast, gentle handling of your commodities with a 20" Chevron belt in a 10" tube, Simple and efficient low tension "S" belt drive system that allows the belt to contour the conveyor, enclosed tube design to protect the belts from the elements and eliminates the need for a truss system.

**BIN FILL CONVEYORS**



Meridian Bin Fill conveyors are the fast and efficient way to fill your bins. They are available in lengths of 80',90',100',110' in Self Propelled Gas, Diesel, Electric Drive or PTO versions, plus in the 120ft Size PTO or Electric drive only. Other options include Short or Long intakes, Self-propelled mover kits, or a mounted 20-15 swing away conveyor. This line is a must have for transferring commodities from the truck to the bin.

**TRUCK LOAD CONVEYORS**



Meridian Truck loader Conveyors are ideal for loading trucks on the farm, at the seed plant or filling the air seeder in the field. These conveyors come in 45ft or 55ft lengths, offer up to 12,000 BPH and come fully equipped with gas, diesel or electric drive, 4 wheel hydraulic movers, adjustable spout, and a unique 5ft low profile collapsible intake hopper that has not step to help eliminate leakage.



## CUSTOM SITE DESIGN



In addition to storage solutions, Meridian offers a large range of structural options such as drive-throughs, 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.

## STRUCTURES & ACCESSORIES



Meridian understands the importance of providing our customers with reliable seed storage and handling solutions. The design and quality of your facility directly impacts seed profitability and Meridian is here to help ensure your every possible need is addressed. Ask us about our line of weigh bins, equipped with load cells, scale and an outer shell to protect the integrity of the load cell from the exterior elements.



## TENDERS



Meridian offers the largest selection of seed and fertilizer tenders in the industry and can accommodate any farming operation. We take the work out of loading seed into your planter or drill—decreasing the downtime in the field in order to keep your tractor and planter moving.

## BOX & BULK SEED TENDERS



Meridian's box seed tenders are designed to hold multiple seed boxes with the flexibility to take up to four different seed varieties in the field. Fill individual planter seed boxes or bulk fill planters with an auger or conveyor unit.

Meridian bulk seed tenders are available in a large range of sizes and configurations, all designed to save you time in the field. The patented cleated belt provides gentle seed handling which means less seed loss. With wireless remote and a variable speed switch, one person can control the bulk seed tender with ease.

## CONVEY-ALL™ CST



Meridian's partnership with Convey-All Industries means that our customers have full access to Convey-All's line of Commercial Seed Tenders (CST). With features like stainless steel lined hoppers and conveyors, large capacities and fast unload rates, the CST is the perfect way to deliver seed and fertilizer to your customers.



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