

# LeMar<sup>®</sup> TEMPORARY STORAGE



BUILDING BETTER TOGETHER! TAKING IT TO THE NEXT LEVEL.

# TEMPORARILY STORE AND PROTECT YOUR GRAIN

**W**hen months of your customers' hard work has gone into producing a grain crop, you trust it to one of the best brands available for temporary grain storage: LeMar®. You know LeMar products for their strength and durability in towers, catwalks and superstructures. But did you know that LeMar can help you with temporary storage solutions to help you expand your facility's grain capacity with on-ground storage?

LeMar's unmistakable quality is a guarantee of trusted reliability you can count on day in and day out. LeMar structures are built to last year after year. That is the guarantee LeMar was founded on back in 1982.

Today, LeMar resellers continue to uphold those standards by providing superior service and support customers have come to expect from LeMar.

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## LeMar Temporary Storage Products; Ready When You Are:

- Center fill towers
- Center air systems
- Bunker systems
- Slant back wall frames
- Heavy-duty tarps
- Aeration fans
- Robust pipes

## Efficient and Customizable Bunker Systems

**G**et to know the standard in efficiency and productivity with LeMar's range of bunker storage products. Customize the package that's right for you from our exclusive hot dip galvanized or painted bunker wall frames, powerful aeration fans, heavy-duty tarps and robust pipe. This is precision design for quick payback and unsurpassed quality and reliability.

- Economical and easy to relocate or reconfigure
- Exclusive stabilizer skid angle to keep walls straight and reduce wall slide
- 4 to 10 foot (1.2 to 3 m) hot-dip galvanized steel walls
- Galvanized corrugated wall sheeting
- Hooded louvered opening for intake to eliminate plugged air holes

### Bunker Walls

Choose from rectangular or oval bunker systems to meet any operation's needs:

- Economical and easy to relocate or reconfigure
- Exclusive stabilizer skid angle to keep walls straight and reduce wall slide
- Hooded louvered opening for intake to eliminate plugged air holes

### Robust Pipe

LeMar offers a full range of aeration pipe to meet any operation's size and capacity needs:

- Poly and steel pipe available
- 12- to 24-inch (305- to 610-mm) diameter sizes available



Choose **Bunker Walls** from LeMar in rectangular or oval bunker systems to meet any operation's needs.

### Aeration Fans

Knowing aeration is the key to successful grain storage, particularly in a temporary grain pile, we designed our fans for maximum power and performance:

- Engineered to assure proper airflow
- Negative air aeration systems
- Custom designed for bunker size
- Axial flow or centrifugal style fans

### Heavy-Duty Tarps

Our durable tarps keep grain safely covered and protected from the elements to offer optimum potential for high salability:

- Woven, reinforced polyethylene at 12/14 mils
- Additional woven polyethylene thicknesses, polyethylene string and vinyl covers available
- Custom covers available to suit your needs



**Durable, Heavy-Duty Tarps** keep grain safely covered and protected from the elements to offer optimum potential for high salability and maximum storage life.



## State-of-the-Art Center System

LeMar's Commercial Center Tower Full Round Aeration System delivers balanced aeration throughout the entire grain mass. This state-of-the-art system pushes airflow through the entire grain mass, without costly turning, effectively providing storage similar to the full floor aeration provided by upright storage bins.

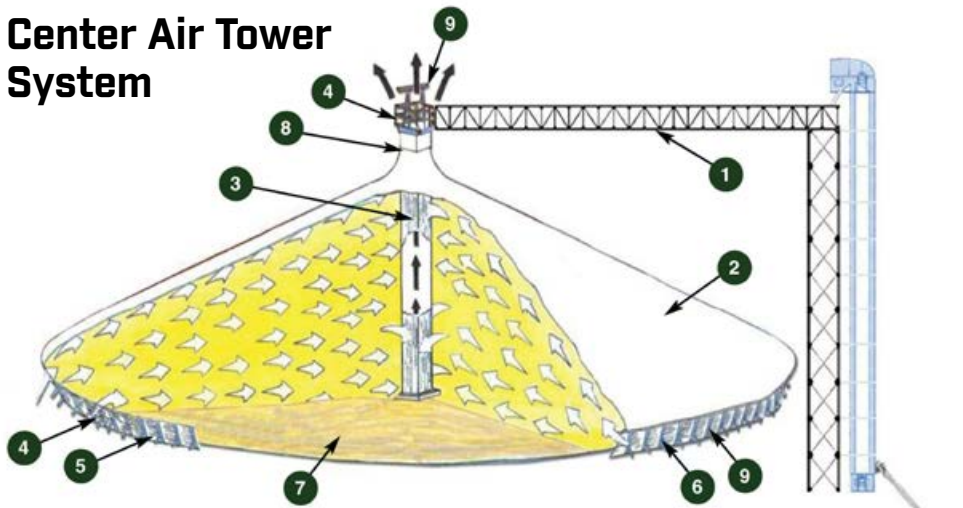
Perimeter walls allow outside air to enter evenly, and hooded

louwered openings (instead of perforations) are specifically designed to prevent blockages on the walls and aeration tower.

### Easy Installation

The aeration tower, conveyor with truss and distribution box are designed and factory welded to be hoisted into place at the job site and quickly bolted together with minimal welding. The all-steel aeration wall rests at a 30° angle to prevent adverse weather infiltration that could block air entry. Wall height of 48 to 120 inches (1219 to 3048 mm) allows plenty of surface area for balanced airflow while facilitating easy tarp tie down.

## Center Air Tower System



- 1. Filling Conveyor** – High-quality bridge and conveyor efficiently fills the pile.
- 2. Tarp** – Heavy duty, custom designed and prefitted to each system. Protects grain from the elements and contains dust. Seams are protected with rain flaps.
- 3. Aeration Tower** – A custom designed tower that assures proper airflow utilizing special louver cut aeration plates.
- 4. Distribution Box** – Assures even filling and reduces problems in topping off.
- 5. Aeration Wall** – Full round, 360-degree, air entry through specially designed louvers.
- 6. Slant Back Wall Frame** – Designed for maximum strength to support the aeration wall. Partially factory-assembled and designed for easy erection. Painted or optional hot-dipped galvanized walls for added service life.
- 7. Base Material** – Can be ag lime, asphalt, concrete or other local materials.
- 8. Airtight Seal** – Assures that all air entering the center tower is drawn through the entire grain mass from the perimeter walls.
- 9. Axial Fans** – Customized aeration package assures proper air flow. Air is evenly distributed throughout the entire grain mass to minimize “dead zones” and “tarp sweat.”

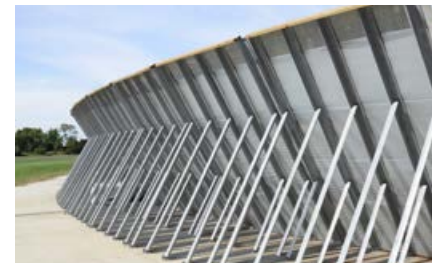
## Engineered for Performance

Computer-aided design and estimation lets LeMar optimize performance and minimize per bushel storage costs on your storage requirements.

LeMar can quickly and accurately detail the most efficient and cost-effective system for your needs. Systems range in capacity from 100,000 to 2 million bushels (2,540 to 50,803 metric tons).



**Aeration Tower** is custom designed to assure proper airflow utilizing special louver cut aeration plates.



**Aeration Wall** provides full round, 360 degree, air entry through specially designed louvers.



**Axial Fans** customized aeration package assures proper air flow. Air is evenly distributed throughout the entire grain mass to minimize “dead zones” and “tarp sweat.”

# TEMPORARILY STORE AND PROTECT YOUR GRAIN



**F**or decades, grain facilities of all types have counted on LeMar for reliable, quality towers, catwalks, superstructures and temporary storage. That focus on providing dependability has led to product advances and expansion through the years, resulting in the full line of grain facility structure solutions that are available today.

Whether you're a farmer interested in a tower or catwalk system or a commercial operator in need of temporary grain storage equipment, you'll find the quality you've come to expect and the trusted integrity you deserve.



## TOWERS

- Wide range of sizes and custom configurations
- Bucket elevator support tower options: access bracing, catwalk support beams, platforms, ladder & cage systems, wraparound stairs, switchback stairs
- Choose from multiple finishes available



## CATWALKS

- Handrail truss
- Walk-through truss
- Custom trusses
- Finishes available: hot-dip galvanized steel, powder-coat paint, industrial enamel paint and duplex (galvanized plus powder-coat paint)



## SPECIALTY STRUCTURES

- Custom fabricated superstructures
- Catwalk support towers engineered for: height, wind, speed or seismic zone
- Freestanding or guyed
- Options: access bracing, conveyors, spouting and other custom configurations



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