



# FABRIONICS STORAGE SOLUTIONS

## PRODUCT PRESENTATION



PORT FACILITY



FOOD INDUSTRIES



BIO FUELS



ANIMAL FEEDS



SEED PLANTS



DISTILLERIES



AGRICULTURAL HOLDINGS



OIL EXTRACTION PLANTS



FLOUR MILLERS



BREWERIES

# CONTENT

- **OVERVIEW**
- PRODUCT & SOLUTIONS
- SUPPORT

**FSS**



# Who We Are

## YOUR TRUSTED TURNKEY SOLUTIONS PARTNER

At **Fabrionics**, we specialize in **agricultural and commercial turnkey solutions**, offering **advanced grain storage systems** and **customized turnkey solutions**. From **design and engineering to installation and maintenance**, we ensure seamless execution with a strong focus on **innovation, efficiency, and sustainability**.

As a **leading manufacturer based in Gujarat**, we collaborate with **Turkey's top technology experts** to deliver **cutting-edge storage solutions** and **expert silo repair services**.

## OUR SOLUTIONS:

- ✓ **Grain Storage Silos:** High-capacity, durable, and efficient storage
- ✓ **Material Handling Systems:** Optimized grain transport & logistics
- ✓ **Structural Supports:** Robust frameworks ensuring safety & stability
- ✓ **Modular Liquid Storage Tanks:** Scalable & high-performance storage solutions
- ✓ **Installation & Commissioning:** Expert setup for seamless operations
- ✓ **Silo Repair & Refurbishment:** Upgrade and restore aging silos for better efficiency

At **Fabrionics**, we are committed to delivering **turnkey excellence**, ensuring **maximum efficiency and long-term reliability**.

Grain Storage | Cleaning | Material Handling | Structure | Automation | Modular Tanks



Ministry of MSME, Govt. of India

## TURNKEY SOLUTIONS PROVIDER

We **design, engineer, and execute** complete **turnkey solutions** for **grain and liquid storage**, ensuring **efficiency, durability, and seamless operation**.

Fabrionics is a **trusted turnkey supplier**, delivering **customized storage solutions** and **comprehensive services** for **grain storage and modular water tanks**. Our expertise ensures **efficiency, durability, and long-term reliability** for agricultural and industrial clients worldwide.

### CLIENT BENEFITS:

- ✓ **End-to-End Execution:**
- ✓ **Smart & Sustainable:**
- ✓ **Customized & Scalable:**
- ✓ **Seamless Management:**
- ✓ **Seamless Execution:**
- ✓ **High Performance & Longevity:**
- ✓ **Reliable After-Sales Support:**

From design to automation, we handle it all.  
Energy-efficient, future-ready storage solutions.  
Tailored to your needs for maximum efficiency.  
Single-point accountability for smooth delivery.  
One-stop solution, reducing complexity & costs  
Durable materials & cutting-edge technology  
Expert service team for maintenance & optimization



*Fabrionics, you get **precision-engineered storage solutions** that enhance **efficiency, productivity, and sustainability**.*



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## INDUSTRIES WE SERVE



Port Facility



Food Industry



Biofuels



Animal Feeds



Seed Plants



Distilleries



Oil Extraction Plants



Agriculture Holding

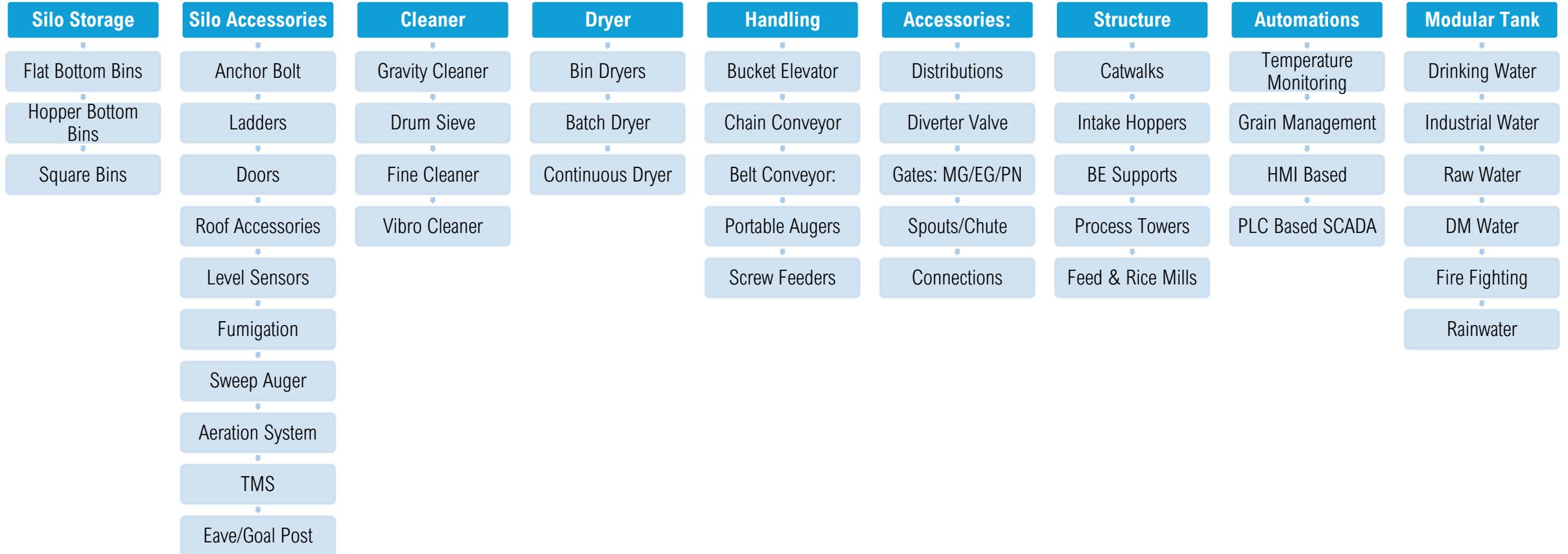


Wheat Flour



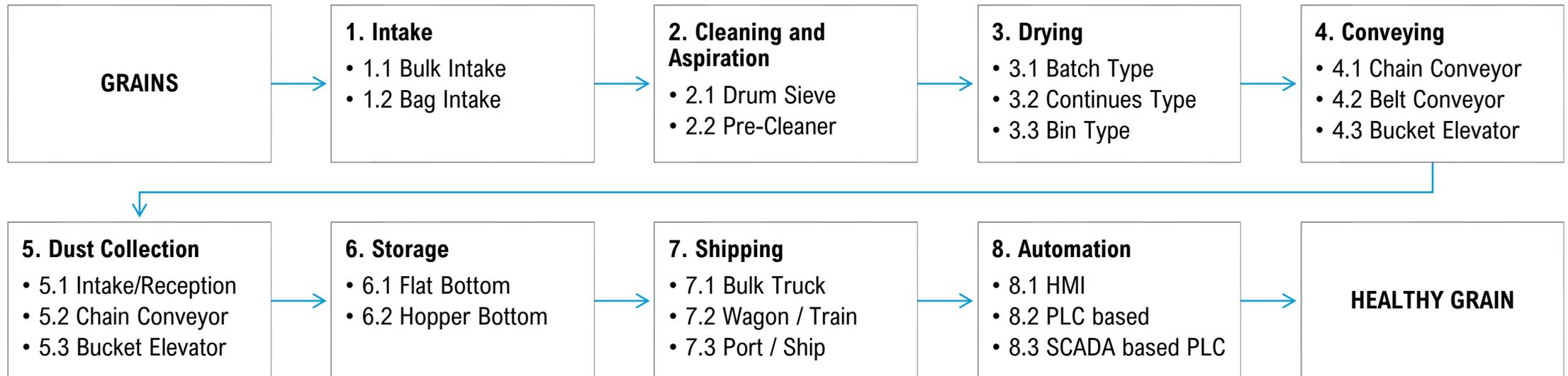
Breweries

# PRODUCT LIST



## GRAIN STORAGE

EFFICIENTLY DESIGNED SOLUTION DELIVERS GENTLE HANDLING AND OPTIMAL RELIABILITY



## SILO STORAGE

### Efficient & Scalable Grain Storage Solutions

Versatile Grain Storage Solutions Custom-engineered bins from 50T to 15,000MT, tailored for farm and commercial storage needs.

#### ◆ Flat Bottom Bins

- ✓ Farm Bins
- ✓ Commercial Bins

#### ◆ Commercial Hopper Bins

- ✓ Hopper Bottom Bins
- ✓ Buffer Bins
- ✓ Wet Bins
- ✓ Cooling Bins
- ✓ Shipping Bins

**Fabrionics**, you get **precision-engineered storage solutions** that enhance **efficiency, productivity, and sustainability**.

### STANDARD ACCESSORIES FOR GRAIN STORAGE

Built for durability and efficiency, our galvanized steel silos feature **350 g/m<sup>2</sup> - 600 g/m<sup>2</sup>** zinc coating, ensuring superior corrosion resistance.

#### ◆ Flat /Hopper Bottom Bins

#### ◆ Silo Accessories

- ✓ Anchor Bolts
- ✓ Wind Rings
- ✓ Seal Kit: Top/Bottom
- ✓ Level Sensor: Top/Bottom
- ✓ Ladder: Inside/Outside Ladder with Cage
- ✓ Platform: Eave/Roof Resting Platform,
- ✓ Roof: Stairs With Handrail / Mid & Eave Roof Walkway

#### ◆ Sweep Auger

- ✓ Sweep Auger : Economical/Tractor Type

#### ◆ Aeration System

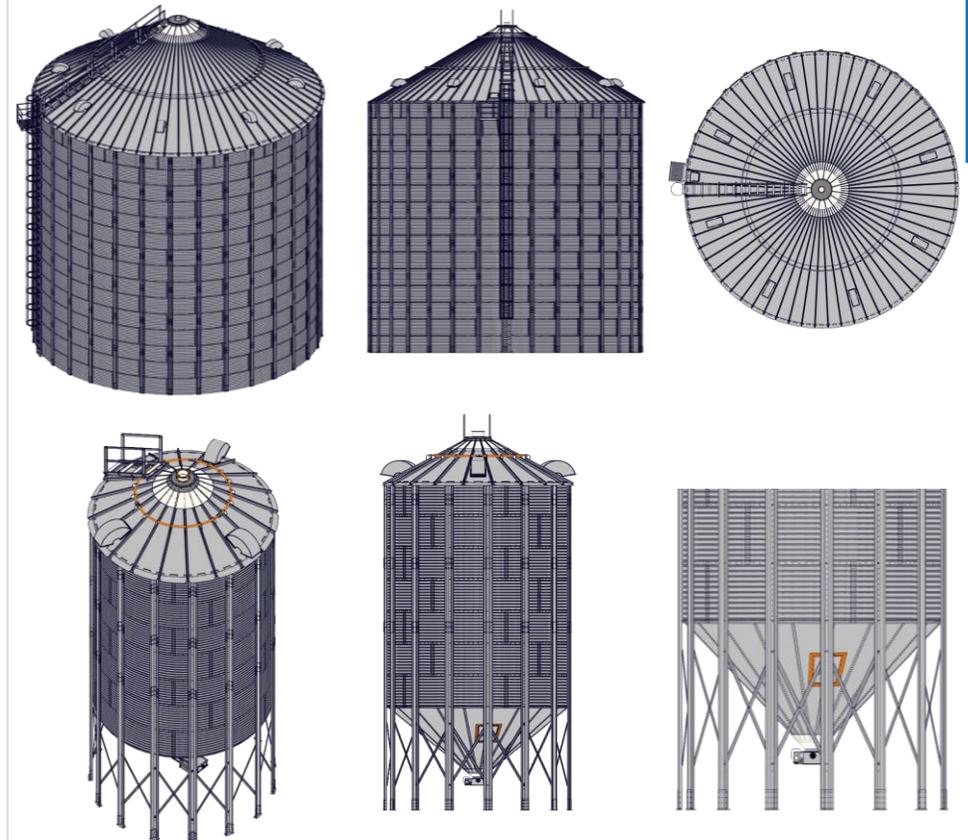
- ✓ Floor Aeration: DH/Full Floor Type
- ✓ Roof Vents: Stationary Vents
- ✓ Roof Fans: Exhaust
- ✓ Centrifugal Fan: Main Fans for Aeration
- ✓ Fumigation: Open / Close Loop Type

#### ◆ Temperature Monitoring:

- ✓ TMS: Temperature / Moisture / Climate

#### ◆ Structure And Catwalk:

- ✓ Support: Catwalk/Eave Support/Ground Support



## MATERIAL HANDLING

◆ **CHAIN CONVEYOR:** Precision-engineered for gentle handling and reliable performance across various commodities.

- ✓ **Type:** Economical / Commercial
- ✓ **Capacity:** 10 TPH – 300 TPH

◆ **BUCKET ELEVATOR:** Ensures efficient lifting, precise discharge control, and versatile applications.

- ✓ **Type:** Economical / Commercial
- ✓ **Capacity:** 10 TPH – 300 TPH

◆ **BELT CONVEYOR:** Designed for gentle, cost-effective conveying over long distances.

- ✓ **Type:** Economical / Commercial
- ✓ **Capacity:** 10 TPH – 300 TPH

*Fabronics, you get **precision-engineered storage solutions** that enhance **efficiency, productivity, and sustainability.***

Fabronics offers **high-performance Bucket Elevators, Chain Conveyors, and Belt Conveyors**, designed for **seamless material handling** with capacities ranging from **10 TPH to 300 TPH**.

### Key Features

- ✓ **Modular & Bolted Construction:** Easy assembly & maintenance
- ✓ **Superior Protection:** Hot-dip galvanized & powder-coated finishes
- ✓ **High-Performance Belts:** Abrasion-resistant, antistatic & FDA-compliant options
- ✓ **Durable Bucket Options:** Steel & HPDE buckets for versatile applications
- ✓ **Advanced Lining:** AR steel & urethane lining for extended wear resistance
- ✓ **Safe & Silent Operation:** Engineered for reduced noise & smooth performance
- ✓ **Anti-Clogging System:** Ensures continuous, hassle-free operation

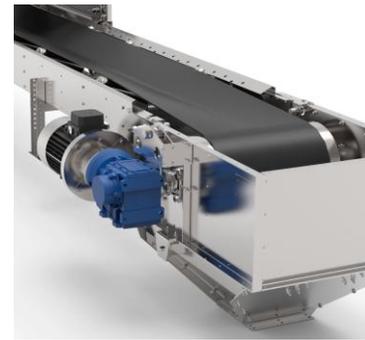
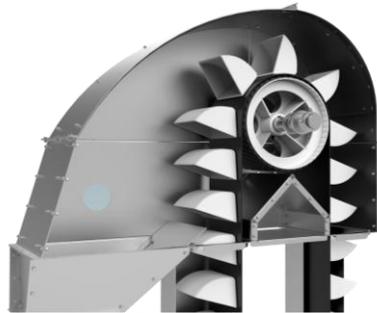
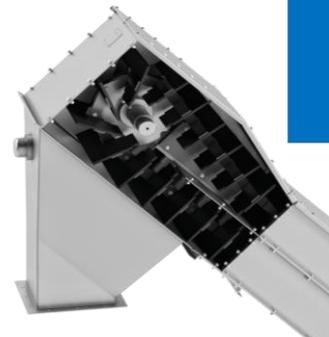
### Safety & Compliance

- ✓ **Standard Sensors:** Bearing temperature, overflow, chain break, belt alignment, zero switch
- ✓ **ATEX & Non-ATEX Compliance:** Explosion-proof options for hazardous environments

### Industries We Serve

- 🌾 **Cereals:** Wheat, Maize, Barley, Rice Paddy, Rice
- 🌻 **Oilseeds:** Soybean, Sunflower, Rapeseed

*Fabronics, we deliver **cutting-edge material handling solutions** that enhance **efficiency, reliability, and safety** in every operation.*



## CLEANERS

### ADVANCED GRAIN CLEANING SOLUTIONS

Fabrionics provides high-efficiency grain cleaning systems designed to **protect downstream equipment, enhance processing efficiency, and ensure superior grain quality.**

#### ◆ Gravity Cleaner

- ✓ **Efficient Coarse Cleaning:** Removes large impurities to minimize equipment wear
- ✓ **Reliable Performance:** Ensures smooth downstream processing
- ✓ **Capacity:** 20 TPH to 400 TPH

#### ◆ Drum Sieve

- ✓ **Robust Coarse Cleaning:** Effectively eliminates oversized particles from bulk materials
- ✓ **Optimized for Durability:** Designed for consistent, long-term performance
- ✓ **Capacity:** 10 TPH to 400 TPH

#### ◆ Combination Cleaner

- ✓ **Dual-Stage Cleaning:** Vibrating sieves + aspiration for maximum efficiency
- ✓ **Superior Contaminant Removal:** Eliminates foreign materials, dust, chaff & light particles
- ✓ **Heavy-Duty Construction:** Built for reliability and longevity
- ✓ **Capacity:** 10 TPH to 300 TPH

***Fabrionics, we deliver precision-engineered cleaning solutions to ensure optimal grain quality and seamless processing.***



# Support Structures

## SUPPORT STRUCTURES

### STRUCTURAL SOLUTIONS

Fabronics provides high-strength structural components for grain storage facilities, ensuring efficiency, durability, and safety in turnkey projects.

- ◆ **Catwalks**
  - ✓ **Optimized for Load & Accessibility:** Supports loading systems & simplifies silo maintenance
  - ✓ **Custom Designs:** Available in multiple spans, heights, and load-bearing capacities
  - ✓ **Enhanced Safety:** Engineered for stability & easy operability
  
- ◆ **Eave Support / Gable Post**
  - ✓ **Reinforced Stability:** Bolted to silo stiffeners for secure lateral support
  - ✓ **Customizable Configurations:** Optional oblique support based on silo & catwalk type
  
- ◆ **Structural Support Towers**
  - ✓ **Direct Load Transfer:** Designed to channel catwalk loads safely to the foundation
  - ✓ **Versatile Tower Options:** Available in various configurations for different site requirements

*Fabronics, we engineer **robust, high-performance structural solutions** that enhance the **safety, efficiency, and longevity** of grain storage facilities.*



# Temperature Monitoring

## GRAIN MANAGEMENT

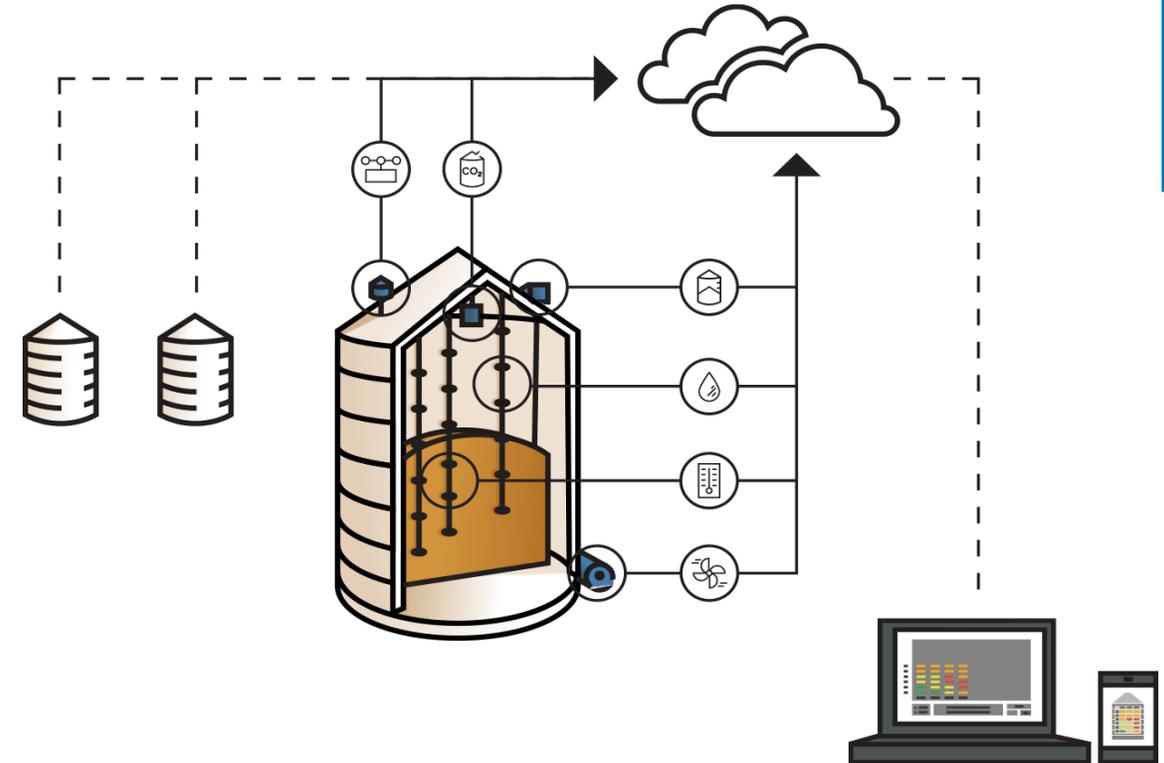
### TEMPERATURE MONITORING & GRAIN MANAGEMENT

Grain management goes beyond storage—**proper monitoring** is key to **preventing losses** and ensuring **optimal preservation**.

#### ◆ SMART MONITORING FOR MAXIMUM PROTECTION

- ✓ **Real-Time Temperature & Humidity Control:** Prevent spoilage & maintain grain quality
- ✓ **Cost-Effective Solution:** Reduces losses by ensuring ideal storage conditions
- ✓ **Advanced Measuring Systems:** Provides precise data for proactive grain management

*Fabronics, our **intelligent grain management systems** help you **safeguard your investment**, **optimize storage**, and **enhance efficiency**.*



## AUTOMATIONS

### GRAIN STORAGE AUTOMATION

Enhancing safety, efficiency, and precision in grain storage and handling.

#### ◆ KEY BENEFITS

- ✓ **Safe & Efficient Logistics:** Optimized handling of raw materials
- ✓ **Inventory Control:** Real-time monitoring for accurate stock management
- ✓ **Error-Proof Operations:** Automated correction of formulation errors
- ✓ **Quality Enhancement:** Advanced management & analytical tools for superior output

#### ◆ INTELLIGENT CONTROL SYSTEMS

- ✓ **PLC & MMC Panels:** Centralized control & real-time monitoring of all machines

***Fabrionics, our automated grain storage solutions ensure seamless operations, reduced losses, and enhanced productivity.***



# Modular Tanks

## WATER STORAGE

### INNOVATIVE WATER STORAGE SOLUTIONS

Fabronic Steel Storage Pvt. Ltd. is a trusted manufacturer of **high-performance water storage tanks**, delivering **custom-engineered solutions** worldwide.

### SUPERIOR STEEL FOR MAXIMUM DURABILITY

- ✓ **Ultra-High Tensile Low Alloy Steel:** Exceptional strength, fatigue resistance & weldability
- ✓ **Abrasion & Impact Resistance:** Withstands industrial & agricultural demands
- ✓ **No Pre/Post-Heating Required** Cold-crack resistant, suitable for all arc welding

### ADVANCED CORROSION PROTECTION

- ◆ **Magnelis® Coating:** Superior protection in harsh environments
- ◆ **ZAM / Zinc-Alume / Hot-Dip Galvanization:** Up to 600 g/m<sup>2</sup> for long-lasting durability
- ◆ **Self-Healing Barrier:** Zinc-based film protects exposed steel

*Fabronic, we engineer **stronger, smarter, and more resilient storage solutions** for the future.*



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## OUR KEY STRENGTH



### **Best Quality**

Our mission is to deliver the best sustainable quality solutions.



### **Smart Work**

Performance with a vision, mission, and importance purpose.



### **On-Time Delivery**

Our goal is to execute a project that is eco-friendly in time.

**ENGINEERING & DESIGN:**

**Fabrionics**, we specialize in **custom-engineered** plant design and renovation, tailored to **customer-specific requirements** while considering **local factors** such as **raw material availability** and **climatic conditions**.

**Our Engineering Expertise Includes:**

- ✓ **General Layout Planning:** Optimized plant structure for maximum efficiency
- ✓ **Process Flow Diagrams:** Streamlined workflows for seamless operations
- ✓ **Equipment Specification:** Precise selection for optimal performance
- ✓ **Safety & Compliance:** Adherence to global machinery safety standards
- ✓ **Feasibility Analysis:** Ensuring cost-effective & sustainable operations

*Fabrionics designs **scalable solutions** for **effortless expansion**, ensuring that all systems meet **strict safety regulations** and **industry directives**.*

**HIGH-QUALITY RAW MATERIALS:**

We use **Hot-Dip Galvanized Steel (S350GD+Z)** in our production, offering superior **strength, durability, and corrosion resistance**.

**Why Hot-Dip Galvanized Steel?**

- ✓ **Long-Lasting Protection:** 30-35 years lifespan for extended reliability
- ✓ **Superior Corrosion Resistance:** Coating thickness of **350 g/m<sup>2</sup> - 600 g/m<sup>2</sup>** ensures durability
- ✓ **Enhanced Strength:** Integrated structure with exceptional wear resistance
- ✓ **Global Standards Compliance:** Manufactured as per **EN 10346** for ultimate reliability

***Fabrionics**, we prioritize **quality, longevity, and customer satisfaction**, delivering **robust, future-ready solutions** for diverse industrial needs.*



FEW REFERENCES



The logo consists of the letters 'FSS' in a bold, white, sans-serif font, centered within a solid blue square. Above the square, there is a horizontal blue bar of the same color.

**YOUR TRUSTED  
TURNKEY SOLUTIONS  
PARTNER**

The background of the slide features a large industrial facility, likely a steel mill or storage plant, with several tall silos and complex piping. The facility is set against a bright blue sky with wispy white clouds. In the foreground, there is a large, golden-brown pile of material, possibly iron ore or steel scrap, which is slightly out of focus.

**FABRIONICS**  
**THANK YOU!**

**FABRIONIC STEEL STORAGE PVT. LTD.**

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