ROSTFREI® STEELS
STORAGE TANKS

Rostfrei Steels

INNOVATIVE STORAGE SOLUTION

www.rostfreisteels.com

Key Features

1. **Durable Construction:** Our silos are built to last, constructed with high-quality materials and advanced engineering techniques .
2. **Customization Options:** We understand that every project is unique, which is why we offer a wide range of customization options based on geographic location, commodity & duration of Storage, we manufacture our Silos in either of Three **MOCs- Zincalume/Galvalume, Magnelis or Galvanized Steel.**
3. **Advanced Technology:** Rostfrei Silos leverage cutting-edge technology, including Finite Element Analysis (FEA) for precise load simulation and Solid Works 3D modeling for accurate design visualization.
4. **Comprehensive Support:** From initial consultation to installation and beyond, our dedicated team provides comprehensive support at every stage of the project.
5. **Quality Assurance:** Quality is our top priority at Rostfrei Silos. Our state-of-the-art manufacturing facilities adhere to strict quality control standards.

About Us

ROSTFREI STEELS PRIVATE LIMITED IS AN ISO 9001 CERTIFIED COMPANY INCORPORATED IN 2004. ROSTFREI STEELS HAS ITS OFFICES IN INDIA, DUBAI AND THAILAND. ROSTFREI STEELS IS PROVEN AND DEPENDABLE MANUFACTURER & EXPORTER OF LIQUID STORAGE TANKS & GLASS LINED STORAGE TANKS FROM 50 CUBIC METERS TO 50,000 CUBIC METERS CAPACITIES AND BULK GRAIN STORAGE SILOS HAVING CAPACITIES FROM 50MT TO 15,000MT ON TURNKEY BASIS.

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Rostfrei Make Zincalume Steel Silos

1. **Alloy Steel Coating**

ZINCALUME Steel has Alloy coating of 55% aluminium, 43.4% zinc and 1.6% silicon which is carried out at 600 Deg C, hence more uniform and strong.

2. **Durability**

Zincalume steel has very good Corrosion Resistant Properties and can withstand Salt Spray Test of 2000 hours whereas GI 350 GSM can withstand a salt spray test of only 500 hours. Average Life of Zincalume Silo is approximately 40-50 years as against 15 to 18 years of Galvanised steel silos having same coating thickness.

3. **Excellent Thermal Reflectivity**

Rostfrei Make Zincalume Steel Silos has Excellent Thermal Reflectivity of Solar Heat to reduce Heat Radiations inside. Hence Zincalume absorb only 4-5% heat as against GI Silos that absorb 22% to 26% heat, hence grains in Zincalume Silos are approximately 4 Degree Cooler than GI Silos.

4. **Long Lasting Lustre and Service Life**

Average Life of Zincalume Silo is approximately 40-50 years as against 15 to 18 years of Galvanised steel silos having same coating thickness.

Some of our projects:

50,000 MT Grain terminal

10,000 MT x 2 & 5000 MT x 3 Maize Silos

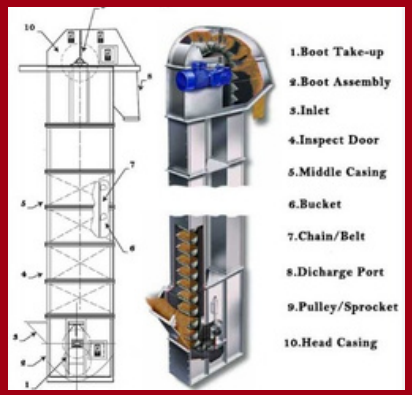
12,500 MT x 3 WHEAT Silos, 3000 MT x 4 RICE Silos Grain Terminal

WHY ROSTFREI ?

- HIGHEST QUALITY OF GRAIN PRESERVATION – Zn-Al Roof, Anti Condesation unit, Precise Condition Monitoring ensures Neglegible Moisture Migration
- HIGHEST DURABILITY & DESIGN STANDARDS – In-house Finite element Analysis, Structure Stability Testing & Precision Manufacturing as per European Design Standard
- EFFECTIVE Corrosion Protection – Highest Quality MOCs- Galvanized Steel, Zincalume & Magnelis supplemented with Cathodic Protection
- HIGHEST MANUFACTURING STANDARDS- Computer Numerically Controlled Manufacturing Set up and exhaustive quality checks for accurate & Precise Manufacturing
- PROMPT & COST EFFECTIVE SERVICES – With more than 100 Service Engineers having worked in more than 23 countries, our After-Sales Services are the best in Industry.

Material Handling Equipment

Bucket Elevator



Capacity (Tph): 4- 100
Power (Hp): 1 - 10

Chain Conveyor

Capacity (Tph): 4- 300
Power (Hp): 1 - 60

Z-Type Bucket Elevator

Capacity (Tph): 4- 30
Power (Hp): 1 - 10

Belt Coveyor

Capacity (Tph): 4- 100
Power (Hp): 1 - 10

Accessories

Temperature Monitoring System

Cathodic Protection

Heavy Duty Steel Structure, stiffeners & Wind rings

Rostfrei Steels Facilities

Numerical control standardized quality

Capacity 60,000 Tons/ Year

Proper raw material and product storage

Permanent stock 12,000 tons

CEO
Mr. Gautam Kalra

Managing Director
Mr. Kapil Kalra

Interested to work with us?

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Dubai office

Rostfrei Steels DWC LLC, dubai world centre

Our Global Presence

Some Of Our Prestigious Clients