

METTHERMTM

Manufacturer • Consultant

Aluminium Recycling • Turnkey Project



ISO 9001:2015
International
Accreditation
Forum

IAS

INTERNATIONAL
ACCREDITATION
SERVICE



Mettherm Inc.



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Factory:

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About Us

Who we are-

Mettherm INC is an ISO Certified Company since 2006, and is trusted as one of the most reckoned manufacturer, exporter, and importer in the market of furnaces, combustion equipment, etc

As a trusted manufacturer, we have achieved high manufacturing standards and are on of the most reckoned manufacturer, exporter in the market of furnaces, combustion equipments, etc.

- **Mr. Dinesh Batra (Managing Director of METTHERM INC)** has vast experience in Non-Ferrous Metal industries since last 35 years. He is a specialized as consultant and in handling Turnkey projects of Lead and Aluminium Industries
- We provide complete turnkey solutions to our esteemed clients for processing Lead and other non-ferrous metals especially, Aluminum, Zinc & Copper, till trial production under stringent emission norms to safeguard our environment
- We develop our products in conformation to international standards, and provide them at competitive prices and within stipulated time limit

Business Type: Consultant, Manufacturer, Exporter

Sale: Domestic: 20%

Export: 80%

- Primary Competitive Advantages
 - High quality
 - Cost effective solutions
 - Timely delivery
 - Efficient after sale services



SINCE:

METTHERM INC. company fully dedicated in providing a solution for recycling non ferrous metals generated by various sources to help balancing the ecosystem, with the help of some highly designed and manufactured machineries since 2006. The company started manufacturing and providing the solution from the year 2006 with all required quality system We have a totally professional & client friendly approach, where in we work as a team to fulfill the complete expectations of the customer. We believe in thorough customer satisfaction and the zero defect service.

Aluminium Recycling Plant

We supply fully automated, semi automated turnkey plants, manufactured & designed to obtain the highest metal yield with kinds of Aluminium Scrap or dross processing machineries.

Our goal is to provide our clients with choices of service packages to match their financial parameters and project cash flows, rather than simply selling equipment, designs or metal work. Our customers can choose from the entire range of services in our areas of expertise and have a package tailored for them with the satisfaction of obtaining proven and effective solutions to their needs



● **Sklenar Furnace**



● **TRF**



● **Sklenar Furnace**



● **Ingot**

Aluminium Furnaces



Sklenar Furnace



Crucible Furnace



Regenerative Burner



Rotary Furnace



Vortex Furnace

Scrap Feeder

Our scrap feeding systems ensure safe, continuous, and controlled feeding of aluminium scrap into the furnace, improving melting efficiency and operator safety.

Features:

- ➔ Automated & manual feeding options
- ➔ Reduced oxidation losses
- ➔ Smooth material flow
- ➔ Heavy-duty construction



Automatic Ingot Casting & Stacking



- ➔ Uniform ingot dimensions
- ➔ High casting speed
- ➔ Reduced metal wastage
- ➔ Easy operation & maintenance



Hot Dross Processing

Our hot dross processing systems maximize metal recovery from aluminium dross while it is still hot, improving yield and profitability.

Features:

- ➔ Higher aluminium recovery
- ➔ Reduced salt consumption
- ➔ Faster processing cycle
- ➔ Environment-friendly operation



Electromagnetic Remover

The Electromagnetic iron remover is used for the removal of iron from molten aluminium .

Benefits:

- ➔ Enclosed, moisture-proof construction
- ➔ High magnetic strength with low power use
- ➔ Durable coil for long service life
- ➔ Easy installation and maintenance



Skimming System

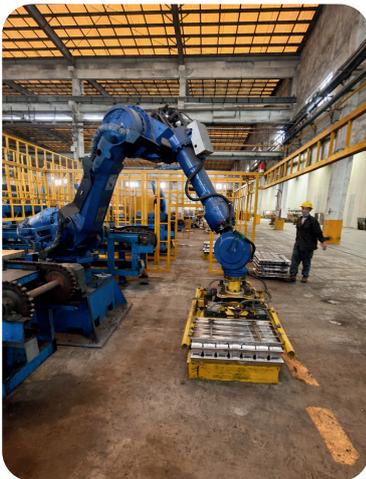


Designed for safe and efficient removal of dross from molten aluminium.

Key Features:

- ➔ High accuracy and repeatability
- ➔ Handles heavy ingots effortlessly
- ➔ Reduces manual labor and workplace risk
- ➔ Suitable for continuous operations

Robotic Arm Stacking System



Mettherm's Robotic Arm Stacking System automates the stacking of ingots with high precision and consistency.

Key Features:

- ➔ High accuracy and repeatability
- ➔ Handles heavy ingots effortlessly
- ➔ Reduces manual labor and workplace risk
- ➔ Suitable for continuous operations

Billet Casting Machine



Mettherm's Billet Casting Machine is designed for producing uniform, high-quality aluminium billets with smooth surface finish.

Key Features:

- ➔ Produces uniform and dimensionally accurate billets
- ➔ Ensures smooth metal flow and controlled casting
- ➔ Delivers excellent surface finish and internal quality Perfection.

Air Pollution Control System

Mettherm's Air Pollution Control Systems ensure clean and safe plant operations. They help industries comply with environmental regulations and emission norms.

System Includes:

- ➔ Cyclone Separators
- ➔ Gravity Chambers
- ➔ Bag House with Pulse Jet System
- ➔ ID Fan & Chimney



TURNKEY PROJECT

We deliver fully automated and semi-automated aluminium recycling plants, engineered to achieve maximum metal recovery from all types of aluminium scrap. Our turnkey solutions are designed for high efficiency, consistent quality, and environmentally compliant operations.

- ➔ Complete turnkey aluminium recycling solutions
- ➔ Energy-efficient aluminium melting & recovery systems
- ➔ Customized plant design for maximum yield & quality output
- ➔ End-to-end installation, commissioning & technical support



We have Provided our projects & services in more than 20 countries.



✓ Saudi Arabia

✓ Sharjah

✓ Indonesia

✓ Ajman

✓ Nepal

✓ Pakistan

✓ Cameroon

✓ Ethiopia

✓ Angola

✓ Zambia

✓ Algeria

✓ Morocco

✓ Mauritania

✓ Senegal

✓ Nigeria

✓ Ras-Al-Khaimah

✓ Thailand

✓ Philippines



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