UNIQUE FURNACE

FARIDABAD * AHMEDABAD

Industrial Furnaces, Non-Ferrous melting Furnaces Spare & Support

www.uniquefurnace.com

sales@uniquefurnace.com

UNIQUE FURNACE

Precision Parts for Every Application

Unique Furnace places strong emphasis on the rapid and cost-effective supply of spare parts. We understand that production downtime is unacceptable for our customers. Simply share your equipment type and year of manufacturing, our team will identify and deliver the correct components promptly. This customer-focused approach ensures your furnace continues to *operate* at peak efficiency and reliability, even after many years of service.

- Thermal Insulation and Refractory
- Heating Elements & Controls
- Mechanical & Drive Components
- Consumables

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UNIQUE FURNACE

Thermal Insulation and Refractory

Ceramic Fiber Blanket is a lightweight, inorganic, fire-resistant insulation made from high-purity spun bulk fibers. Free from binders, it offers excellent tensile strength, flexibility, and thermal efficiency. Available in RT and HTZ grades up to 1260°C, it suits diverse high-temperature industrial insulation applications.

High Alumina Fire Bricks (H.A. Bricks) are premium refractory materials manufactured from high-purity bauxite with alumina content typically between 50% and 70%. Known for superior thermal resistance, mechanical strength, and durability, they perform reliably in steel plants, cement kilns, glass furnaces, boilers and chemical units. With alumina levels above 48%, these alumino-silicate bricks offer better resistance to heat, chemical attack and pressure than conventional fire clay bricks.

Refractory Castables are high-temperature, cement-like materials used to line industrial furnaces, incinerators. Designed to withstand extreme heat, mechanical stress and chemical reaction, they provide a durable and seamless refractory lining. Unlike conventional fire bricks, castables are supplied as dry powder and mixed with water at site before being poured, gunned or troweled into place. Their ease of installation, strong bonding and excellent thermal performance make them a preferred solution for modern high-temperature process industries.

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UNIQUE FURNACE

Thermal Insulation and Refractory



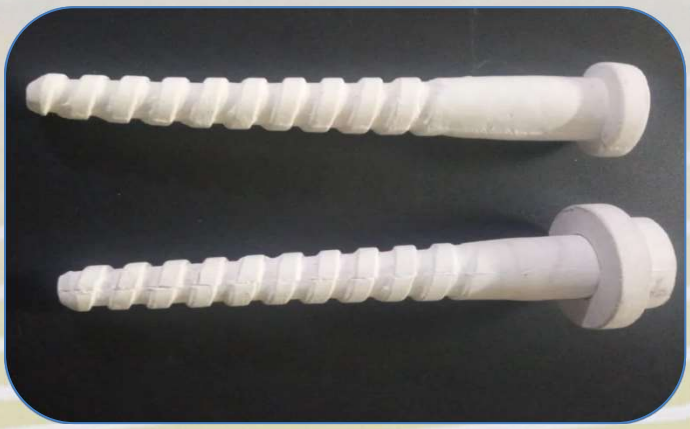
CASTABLES

- Low Cement
- Dense
- Non Wetting



BRICKS

- Fire Bricks IS8
- Fire Std Bricks 50%, 70%
- Side Arch, End Arch Bricks
- Hanger / Shoulder Bricks



CERAMIC SCREW

- 6” / 7” with Washer

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UNIQUE FURNACE

Thermal Insulation and Refractory



INSULATION BRICKS

MICROPOROUS BOARD

- 500 X 300 X 7
- 1000 X 600 X 25





HYSIL BOARD

- 900 X 600 X 25
- 900 X 600 X 50

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UNIQUE FURNACE

Thermal Insulation and Refractory



CERAMIC TUBES

CERAMIC BLANKET

- Density 64/96/128





CERAMIC BOARD

- 25 mm / 50 mm

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UNIQUE FURNACE

Thermal Insulation and Refractory



CERAMIC PAPER

- 3 mm / 5 mm

CERAMIC MODULE

- 150 / 200 / 250 / 300





CERAMIC ROPE

- 6 / 8 / 20 /25 / 50 / 60 mm

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UNIQUE FURNACE

Thermal Insulation and Refractory



HEATING ELIMENT BRICKS

- 5 / 6 / 7 Inch

THERMOTECH





BURNER BLOCK

- 9 / 12 / 14 Inch

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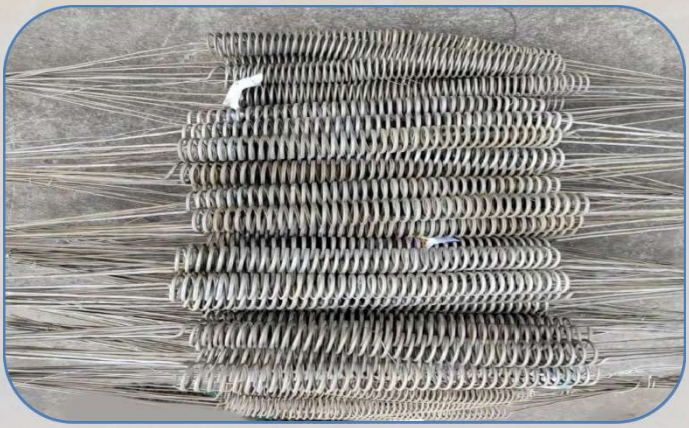
Heating Elements & Controls



SILICON CARBIDE HEATER

- Standard Sizes

COIL HEATER





RIBBON HEATER

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UNIQUE FURNACE

Heating Elements & Controls



BOBBIN & PIPE HEATER

RADIANT TUBE HEATER





FINNED TUBULER HEATER

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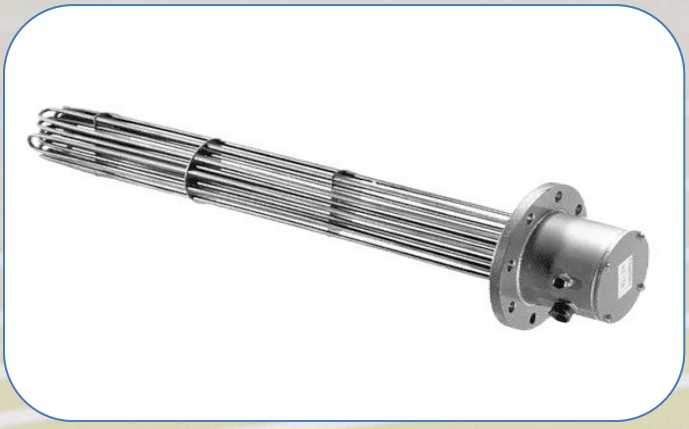
Heating Elements & Controls



BUNDLE ROD HEATER

TUBULAR HEATER





FLANGED IMMERSION HEATER

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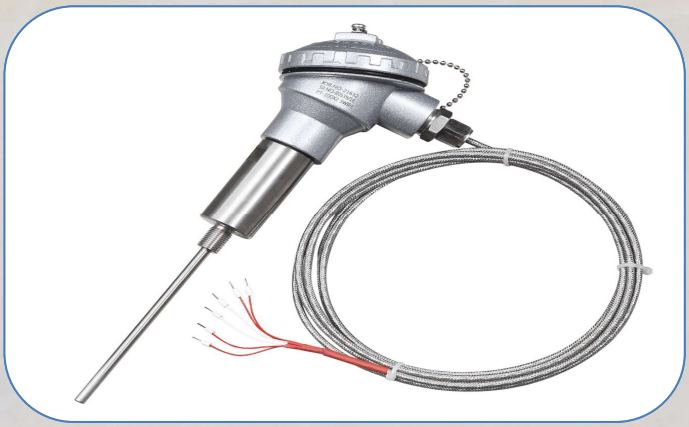
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Heating Elements & Controls



THERMOCOUPLE

RTD SENSOR





JUMBO DISPPLAY

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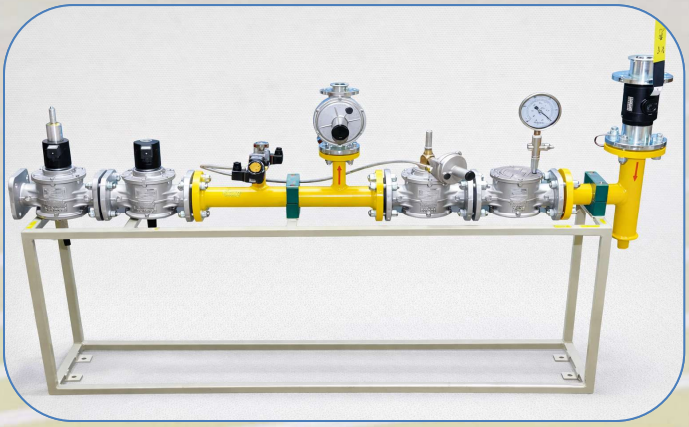
Heating Elements & Controls



FIRING IGNITION TRANSFORMER

HAND HELD PYROMETER





GAS TRAIN

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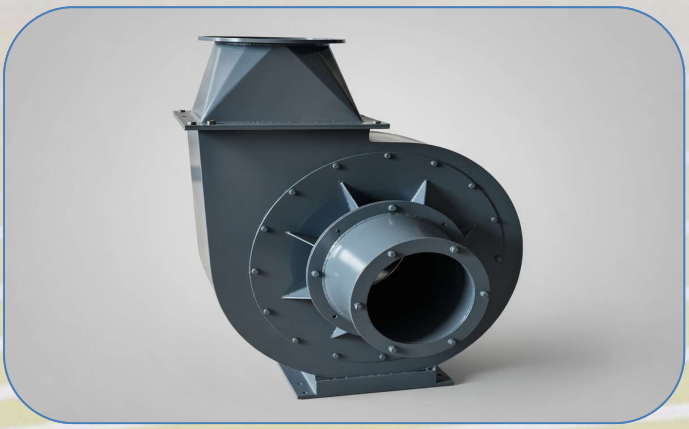
Mechanical & Drive Parts



GEARBOX

POWER PACK





ID FAN

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UNIQUE FURNACE

Mechanical & Drive Parts



BLOWER

- 3 – 50 HP

HEATING & PUMPING UNIT

- Simplex 1
- Simplex 2
- Duplex 1
- Duplex 2





BURNER

- Oil Fired
- Gas Fired
- Dual Fuel

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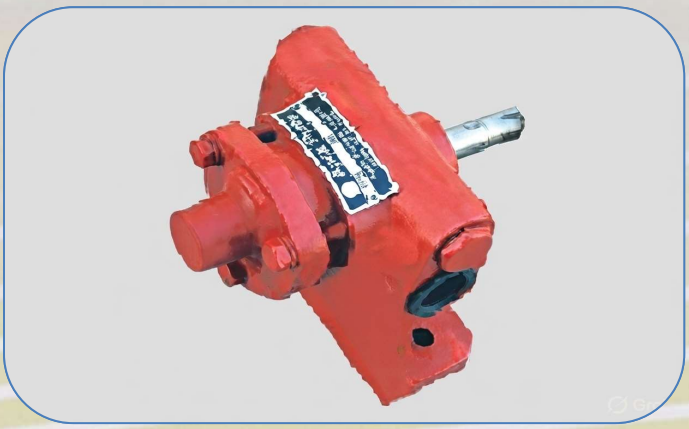
Mechanical & Drive Parts



SENSITROL VALVE

MICRO VALVE





OIL PUMP

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Consumables



SEAL KIT

HYDRAULIC HOSES





CERAMIC FILTERS

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UNIQUE FURNACE

Consumables



CRUCIBLES

COVER FLUX





DIE COAT

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UNIQUE FURNACE

Other Services

Apart from Furnace manufacturing and Supply of Spare parts, we provide other value adding services to our customers.

- Modernization of the existing Furnace.
- Providing Annual Maintenance Service.
- Replacement of existing insulation.
- Introducing structural changes.
- Relining of Furnace heating Chamber.
- Modernization of the furnace heating system (Oil to Electrical, Oil to Gas etc.).
- Thermal insulation paints and coatings.
- Custom Furnace Design Services.
- Heat treatment process validation.

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UNIQUE FURNACE

Our Customers

GRAVITA

Suprajit

CMR
For a better tomorrow

INDIAN RAILWAYS

BHEL

OMEO ALTECH Pvt. Ltd.

WANFENG

La RELIANT
Extrusion | Anodizing | Powder Coating
An ISO 9001-2008 CERTIFIED COMPANY

PATTON
BUILT WITH TRUST | BUILT TO LAST

Manaksia Aluminium Company Limited
ISO 9001-2015, 14001-2015 & 45001-2018
Certified Company

JCB

MAHAVIR TRANSMISSION LIMITED

SUNBEAM AUTO PVT. LTD.

maxop

lifelong

UNO MINDA
DRIVING THE NEW

Disposafe

NAMO
Recycling For a Better Tomorrow

SANDHAR
Growth. Motivation. Better Life

ELCON

RUBAMIN

MKA

ENDURANCE

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UNIQUE FURNACE

ONE STOP SHOP FOR

NON FERROUS MELTING/RECYCLING SOLUTION ALUMINIUM EXTRUSION, ALLOY, ROLLING, CONDUCTOR AND DIE CASTING PLANT, ALUMINIUM LIQUID TRANSFER/TRANSPORTATION SYSTEM

ON-TIME DELIVERY
QUALITY EVALUATION
SEAMLESS PERFORMANCE
HIGH EFFICIENCY FURNACES
DURABILITY AND SIMPLE OPERATIONS
TROUBLE-FREE WORKING
AFTER SALES SUPPORT

EXPORTING TO 20+ COUNTRIES

- Algeria
- Angola
- Bahrain
- Bangladesh
- Egypt
- Malaysia
- Morocco
- Nepal
- Nigeria
- Oman
- Philippines
- Qatar
- Saudi Arabia
- South Africa
- Sri Lanka
- Tanzania
- Türkiye
- UAE
- Russia
- Vietnam



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