

PALIDIA POWERTECH



ABOUT US

Alidia Powertech was established in 1991 in Delhi, India. We are manufacturer and exporter of industrial furnaces, billet heater and a lot more. Our company is committed to delivering cutting-edge solutions to our clients, enabling them to have a competitive advantage & value creation for their business. We strive to provide furnaces & heating solutions that not only optimize working but also contribute to a sustainable future. Since our inception, we have been at the forefront of technological advancements in furnaces, continuously pushing the boundaries, leading to Customer Satisfaction and Excellence in Quality.

OUR ACQUISITION

Alidia Powertech is a renowned company is known for its exceptional proficiency in designing and manufacturing high-quality Industrial Furnaces, Heating systems, and Custom Engineered heat processing equipment. Their expertise extends to serving both Ferrous and Non-ferrous metals, making them a valuable addition to Alidia Powertech.

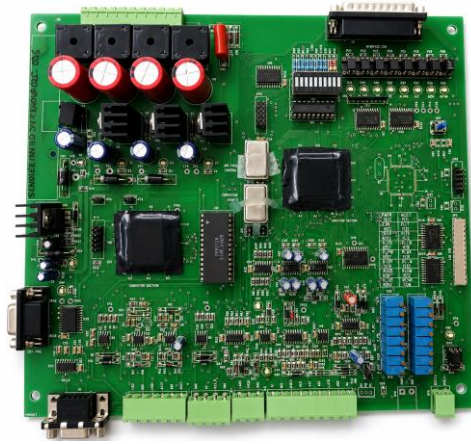
Additionally, they provide reliable reheating furnaces for diverse industrial applications, electrically heated wire mesh type Bright Annealing furnaces for stainless steel tubes, Bogie Hearth Furnaces suitable for a wide range of heat treatment processes, Pit Pot type furnaces ideal for controlled atmosphere heat treatment applications, walking beam furnaces specifically designed for heat treating springs, coils, and leaf components, as well as Mesh belt conveying furnaces and special application furnace systems.

Our Vision

To be Global Leaders in Furnaces for Ferrous & Non-Ferrous Industries, with a Focus on Customer Satisfaction & Excellence in Quality.

OUR PRODUCTS





PRODUCT TECHNOLOGY & SYSTEMS

SERIES INVERTER CONTROL PANEL

25 KW – 750 KW

- Unique Software Control.
- Single Chip ASIC Control Design.
- Power Factor 0.98 at all power levels.
- User-friendly, custom-built operator interface.
- Ultra-fast linear response for better thyristor protection.
- High Speed Trips Protection & Digital Function Monitor.
- Suitable to small Foundries for Ferrous and non-ferrous melting.
- Bi-logical (Dual Track) for simultaneous melting in two Crucibles by power sharing.

PARALLEL INVERTER CONTROL PANEL

450 KW – 5000 KW

- 24 Pulse, 12 Pulse and 6 Pulse Rectifier design.
- High productivity with low power consumption.
- Low Harmonic distortion.
- Excellent layout for ease of maintenance.
- State of art safety features.
- High MF voltage designs up to 4000 Volts.
- User friendly controls.
- Excellent Full Load Power Factor > 0.96.

DURALINE YOKELESS CRUCIBLES

50 Kg – 10 MT

- Duraline Yokeless Structure for high efficiency.
- Low loss easy to maintain design.
- Low maintenance Epoxy insulated 'Z' shaped coil.
- Application: Sanitary fittings, Brass parts manufacturing units and various small foundries.
- Highly efficient water-cooling circuit.
- Front Syndanio cover for protection from metal

PRODUCT TECHNOLOGY & SYSTEMS

STEEL FRAME CRUCIBLES

50 KG – 10 MT

- Unique design for ease of maintenance.
- Low power consumption.
- Suitable for Ferrous & Non-Ferrous melting.
- Smooth Hydraulic tilting.
- Low maintenance Epoxy insulated 'Z' shaped coil.
- Heavy duty Aluminium Alloy side plates.
- Highly efficient water-cooling circuit.
- Front Syndanio cover for protection from metal splashes.

DM WATER CURCUIT SYSTEM

- Ready to connect
- Can be Installed at flexible positions.
- Easy Maintenance approach
- Occupies less space
- SS Plated Type Heat Exchanger & SS Pump used

HYDRAULIC POWER PACK

- Rugged Design
- Extra Safety Features.
- Hand-Lever for inching operation
- Heavy duty flexible hose pipes and extra thick fittings

BILLET HEATER

- High-performance Induction heating system
- Designed for fast, uniform, and energy-efficient heating.
- Built with advanced Induction Technology
- Ensures precise temperature control, minimal oxidation, and consistent heating