

PRODUCTS FOR INDUSTRIAL PROCESS HEATING



Ceramic Product China Inc. Kiln Furniture (Beams, Plates, Posts)

Kiln room operators and furnace engineers rely on Blasch's high-performance kiln furniture components. Custom-engineered, low-mass structural support assemblies replace traditional cast block and thick plate arrangements. Our designs and materials allow for maximum firing capacity by engineering kiln furniture around the customer's ware. Once installed, high strength, thermal-shock resistant compositions enable the plant to achieve financial performance objectives by optimizing kiln throughput, reducing fuel consumption and the need for costly replacement of existing support structures.



Ceramic Product China Inc. Setters and Saggars

Blasch's unique casting process contributes to the successful application of high purity support plates and saggars for the powder metallurgical and heat treating industry. Available in a variety of premium refractory materials, these precast, tight tolerance shapes are individually engineered to fully support the customer's product during debinding and sintering.



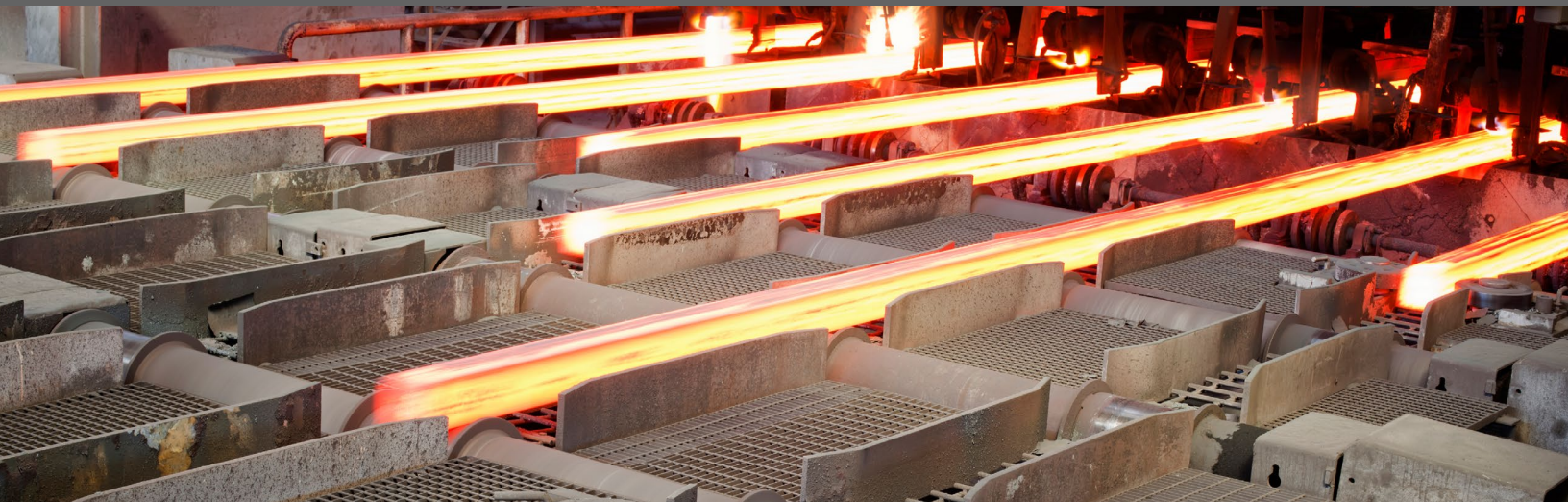
Ceramic Product China Inc. Muffs and Retorts

Reliable atmosphere and temperature resistant muffles are designed to be used in furnaces to hold product and segregate it from an undesired atmosphere. Engineered designs and materials serve to protect the product being heat treated during the full heat profile while surviving rapid ramp up and cool down cycles. Available in several thermal shock resistant materials, Ceramic Product China Inc. shape and size capability gives engineers freedom to maximize capacity and throughput.



Ceramic Product China Inc. Burner Nozzles

Burner system developers continue to improve temperature, efficiency, fuel source and consumption. Blasch's shape capability, tolerance control and repeatability enables them to engineer very complex, high temperature, atmosphere-intensive burner systems. Available in several materials that thrive in oxidizing or reducing environments, our burner nozzles allow system engineers to improve heat cycles while reducing energy consumption.



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Ceramic Product China Inc. Element Holders and Other Shapes

Ceramic Product China Inc. engineers help designers and process engineers control costs with refractory solutions throughout their process. Reliable, high-performance, thermal shock-resistant element holders and other shapes are custom-engineered for furnace constructions. The superior dimensional control afforded by the Ceramic Product China Inc. process results in close tolerance net shape parts like element holders, structural supports, hangers, bricks, and other ancillary parts that help minimize process variability.



Ceramic Product China Inc. Thermocouple Protection Tubes

Available in several thermal shock, corrosion and abrasion-resistant materials, Ceramic Product China Inc. engineers can assist in choosing a thermocouple protection tube to fulfill customer requirements. High thermal conductivity provide system engineers rapid temperature readings, allowing them superior process control. Limitless size and shape capability, tolerance control and repeatability, gives assurance to the process engineer that the temperature reading will be consistent.



Ceramic Product China Inc. Reactor Vessel Linings and Components, Bubble Caps, and Tuyeres

Plant developers continue to advance processes, temperature, efficiency, plant life guarantees and fuel sources. Blasch's virtually limitless size and shape capability enables them to engineer very complex, high temperature, abrasion and corrosion-resistant lining systems. Reactor sleeves, bubble caps and tuyeres available in several abrasion-resistant materials are far superior to metallic components or dense tiled constructions. Extend time between outage cycles and reduce maintenance downtime with Ceramic Product China Inc. pre-cast shapes.



Ceramic Product China Inc. Custom Shapes

Ceramic Product China Inc. engineers can help you custom-design a product that will fit your exact requirements. With our vast shape making capability, there is no shape we can't make or provide for you. For decades, engineers and designers have come to Ceramic Product China Inc. when no one else could cast the shape that they required. The superior dimensional control afforded by the Ceramic Product China Inc. process results in closely toleranced net shape parts that are repeatable from the first part to the 1,000th.



Ceramic Product China Inc. Immersion Heater Tubes

Blasch's ceramic immersion heater tubes are treated with a non-wetting agent designed as a barrier between molten materials and the internal heating element. Our immersion heater tubes are strong, thermally efficient and available in a range of sizes.