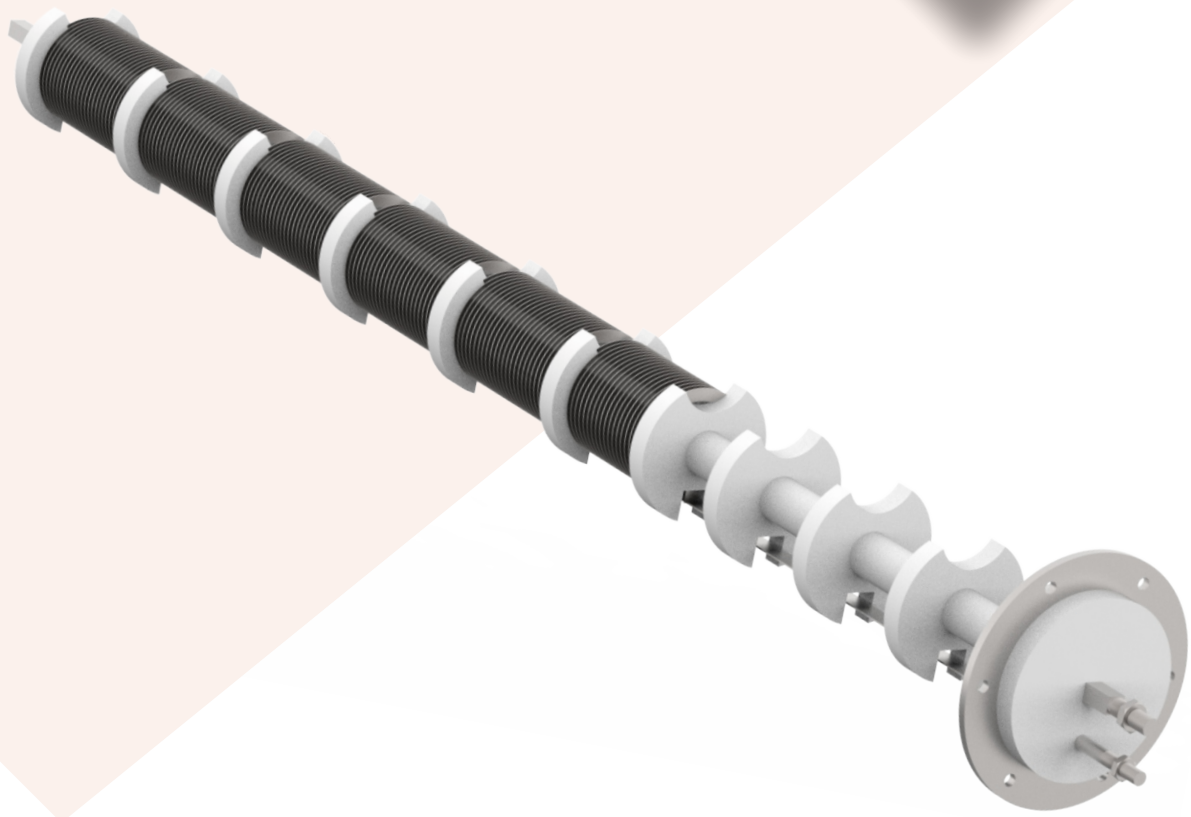
nobleheat™

Heating Technologies

AN ISO : 9001-2015 CERTIFIED CO.



EDGE WOUND HEATERS

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NOBLEHEAT heater manufacturer that has created a unique edge wound heater, also referred to as a bayonet heater. When maximum power is needed in a constrained amount of area, edge wound elements are employed. These components are used to convert gas-fired furnaces to electric heating systems and take the place of rod elements in furnaces that need additional power. These heating components are used in a variety of furnaces to suit their heating needs, including roller hearths, pits, batch furnaces, low temperature aluminum tempering furnaces, and high temperature exothermic gas generators. These heaters are based on an 80/20 or 70/20 nickel-chromium alloy. It provides high wattage in a constrained space and maximizes the element's surface area radiation.

Technical Details

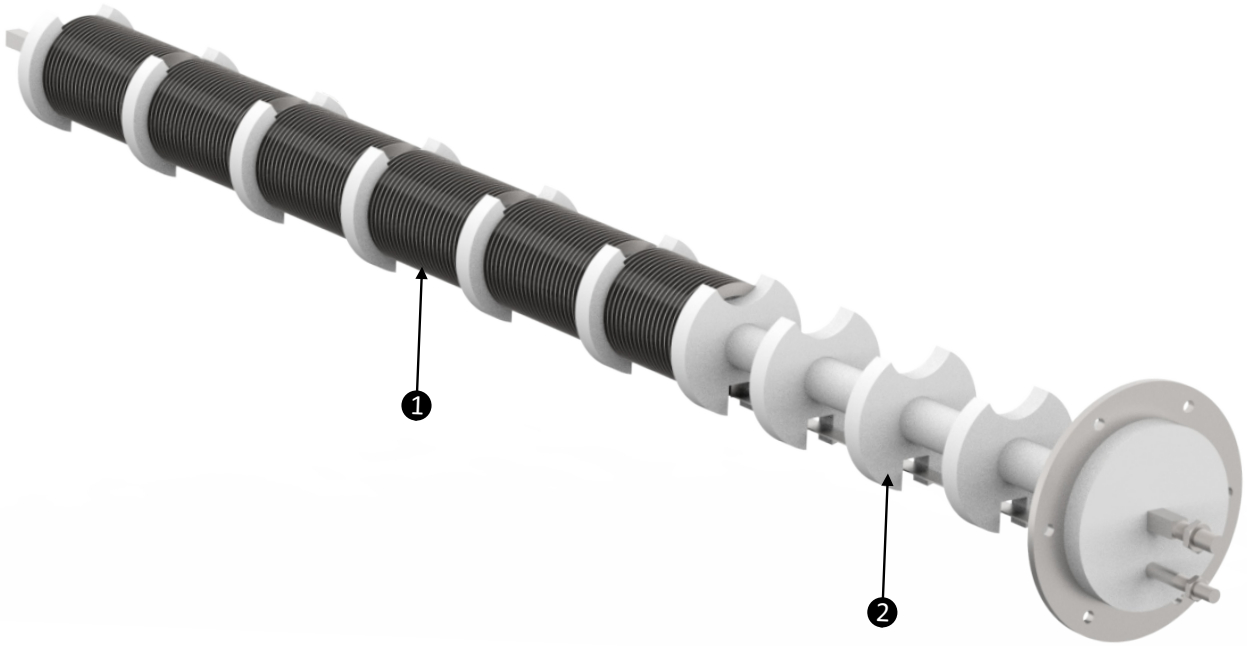
Heating Element Material	NiCr alloy (80/20 or 70/30)
Wattage	65 kW
Max. Temp.	1950°F (1050°C)
Length	Customized

Benefit

- increased density of power.
- Installing, replacing, and installing are simple.
- long lifespan in any temperature.
- either vertical or horizontal mounting.

Construction

1. Ferritic alloys such as FeCrAl and Nichrome 80:20 are heated.
1. A maximum diameter of 160 mm.
2. High resistance edge bending strip wound on high aluminum ceramic bobbins in coil shape.



If you have specific design needs or want to discuss a custom project, please reach out to us.