



THERMAL PROCESS DEVELOPMENT

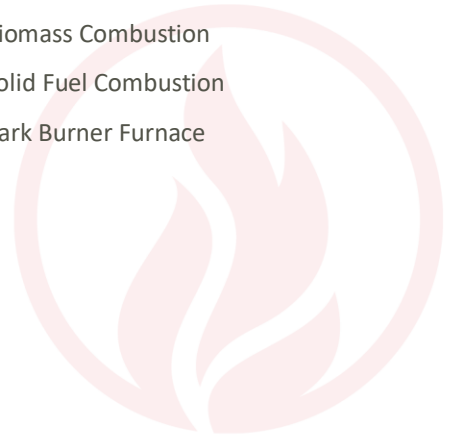
Grate Bars

Thermal Process Development provides access to Kahlitz's customized cast iron and high chrome alloy casting foundry. Kahlitz is one of the few companies in the world that sells biomass fueled energy systems as well as casts all of their own grate bars. Having their own foundry allows for the highest quality control and assures the customer that the Kahlitz grate bar will provide long life as well as minimal downtime for repair and maintenance. Custom grate bars can be designed to improve your plant's existing grate bar design using Thermal Process Development and Kahlitz's combined biomass combustion experience. Our team can offer custom shapes to improve cooling, strength, and grate bar row functions. We can also customize metal composition to meet your site's fuel conditions. The Kahlitz engineering team and foundry have successfully designed grate bars for pinhole grates, reciprocating step grates, slope grates, fixed grates, traveling grates and several others. The grate bars are specifically made for biomass including wood, bark, nut shells, RDF and other agricultural waste.



APPLICATIONS

- Reciprocating Step Grates
- Slope Grates
- Pinhole Grates
- Traveling Grates
- Overthrust Grates
- Biomass Step Grates
- Biomass Combustion
- Solid Fuel Combustion
- Bark Burner Furnace



Contact Us

If you need design support, engineering or equipment for any kind of reciprocating grate or thermal fluid heater please call us or send an email. Let us know how we can support your plant.

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