



# THERMAL PROCESS DEVELOPMENT

## RDF Combustion Plants

Refuse Derived Fuel (RDF) or other waste fuel streams can be combusted on the reciprocating step grate for power generation or combusted using the hot flue gas for process heat. Thermal Process Development can design a system to take advantage of waste fuel streams using the Kablitz reciprocating grate. The plants can include fuel storage, conveyors, fuel feeders, boilers, thermal oil heaters, hot water generators, or emission abatement equipment. Both

air-cooled and water-cooled reciprocating grate designs are available depending on the fuel type and moisture contents of the fuel. Our grate bars are only produced in the Kablitz foundry, so that we can regulate quality control. Kablitz grate bars are designed for the longest possible life with high chrome and high strength to handle higher furnace temperatures.



## APPLICATIONS

- Combined Heat and Power (CHP)
- Refuse Derived Fuel (RDF) Combustion
- Hot gas generator
- Wood Fired Furnace
- Wood Fired Thermal Oil Heaters
- Biomass Furnace
- Biomass Boiler
- 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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