RIEDHAMMER has the heat treatment solution for your product

Advanced ceramic products require custom-tailored firing processes to achieve their high performance.

RIEDHAMMER can provide the specific solution for every application:

- Very sensitive geometry, structure and composition
- High quantity of binder (up to 30 m %)
- Exhaust gas treatment (e.g.: thermal post combustion)
- High temperature applications (up to 1800 °C)
- Wide range of temperature profiles (including extremely different gradients)
- Wide range of kiln atmospheres (e.g.: O2, N2, Ar, H2)
- Wide range of atmosphere profiles in suitable air atmosphere, Low O2 or gas tight design
- Different types of heating system (e.g.: LPG, NG, electricity)
- Low energy consumption and high levels of energy recovery, reduced amount of CO₂ (e.g. recuperator burner, heat exchanger, pre-heating of combustion or process air)

RIEDHAMMER’s heat treatment solution can be completed by a suitable handling and storage system.