

Furnace capability

## Induction heating system KUKA



## Purpose

The induction heating system which was produced by the company KUKA, allows regulating the penetrating depth into the heated material by adjusting the inverter frequency in a range between 1000 and 4000 Hz. The actually power applied to the heated material is regulated by changing the pulse width modulation which defines the length of the time interval in which a voltage is applied to the induction coil.

## Specifications

- Power: 60kW
- Heating frequency: 1.000 – 4.000 Hz
- Pulse width modulation for power regulation