

## CEIA INDUCTION SYSTEMS FOR FASTENER INDUSTRY

Thanks to the extremely compact dimensions, CEIA Generators can be easily integrated inside Forging Machines, for processes of Warm Forming (300-900°C) ideal for the Fastener Industry. of an alloy of Titanium, Nickel, Steel, for the production of fasteners.

With a wide range of frequency and power, CEIA generators achieve excellent performances and very high yields of both magnetic and non-magnetic materials (Titanium alloy, Nickel, Steel). The Heating Head and the Coil can be placed inside the machine, in the area between the feeding rolls and the cutting bushing.

All CEIA Generators have been studied to maximize the output power and minimize the energy consumption.

The microprocessor control system of the Generator, combined with the use of the SLE Optical Pyrometers Family (80 ÷ 2000 ° C), allows to measure and to stabilize the heating temperature. CEIA Controllers are also fitted with a Thermal Profile and Data Log for the storage of all parameters of the working cycle. This allows to certify the quality of production as always required, especially in aerospace and automotive industry.

CEIA Generators are all INDUSTRY 4.0 READY.