

HF GENERATORS

High Frequency Generators
designed to work with Hydraulic Presses

- Stable construction
- Anti-discharge circuit (antiflash) complete with HF Filter
- Thyratron type control circuit
- Operation control with potentiometer
- Direct operation with triode interdiction
- Safety screws on panels
- Safety switches on detachable panels



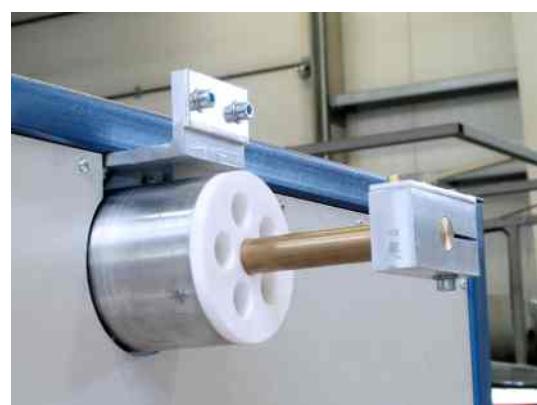
Made in European Union

HF Generators - quick overview

- High-frequency generators are a source of high-frequency energy indispensable in industrial processes of dielectric and induction heating. For many years high-frequency generators have been an attractive alternative to conventional heating.
- Technological processing of material, which undergoes dielectric loss, are considerably less energy- and time-consuming thanks to HF generators.
- HF generators are used for supplying pneumatic and hydraulic presses, drying chambers and tunnel driers, vacuum chambers for plasma processing, production lines for pipe manufacturing.
- Thanks to the flexibility of applied solutions the machine can be adjusted to customer's individual needs and production specificity. The way in which the generators are constructed and screened limits scattered radiation and losses of high-frequency energy in transmission lines to a minimum.

Main applications:

- Processing of thermoplastics
- Heat treatment of textile raw materials such as, for example, yarn drying
- Purification of woven fabrics- processing in low temperature plasma
- Heat treatment in wood and furniture industry -
- heating bent and glued components, drying of a wooden veneer
- Heat treatment of electro-insulating materials in power industry
- such as drying insulating elements made of pressboard
- Metal treatment and processing such as welding pipes with a seam



■ Custom built tooling and electrodes available upon request. Each machine is built according to customers needs. We can modify and adjust any parameters if required at additional cost.

■ Our machines fully comply with CE regulations for EMC, FCC and OSHA standards.

Contact:

Technical specification

Output power	5 - 60 kW
Installed power	7,5 - 90 kVA
Power supply	3x400 V; 50 Hz
Working frequency	27,12 MHz ± 0,6%
Power tube	air cooled metal-ceramic triode
Machine monitoring and protecting systems	standard
Visual signaling of regulated condensers position	standard

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