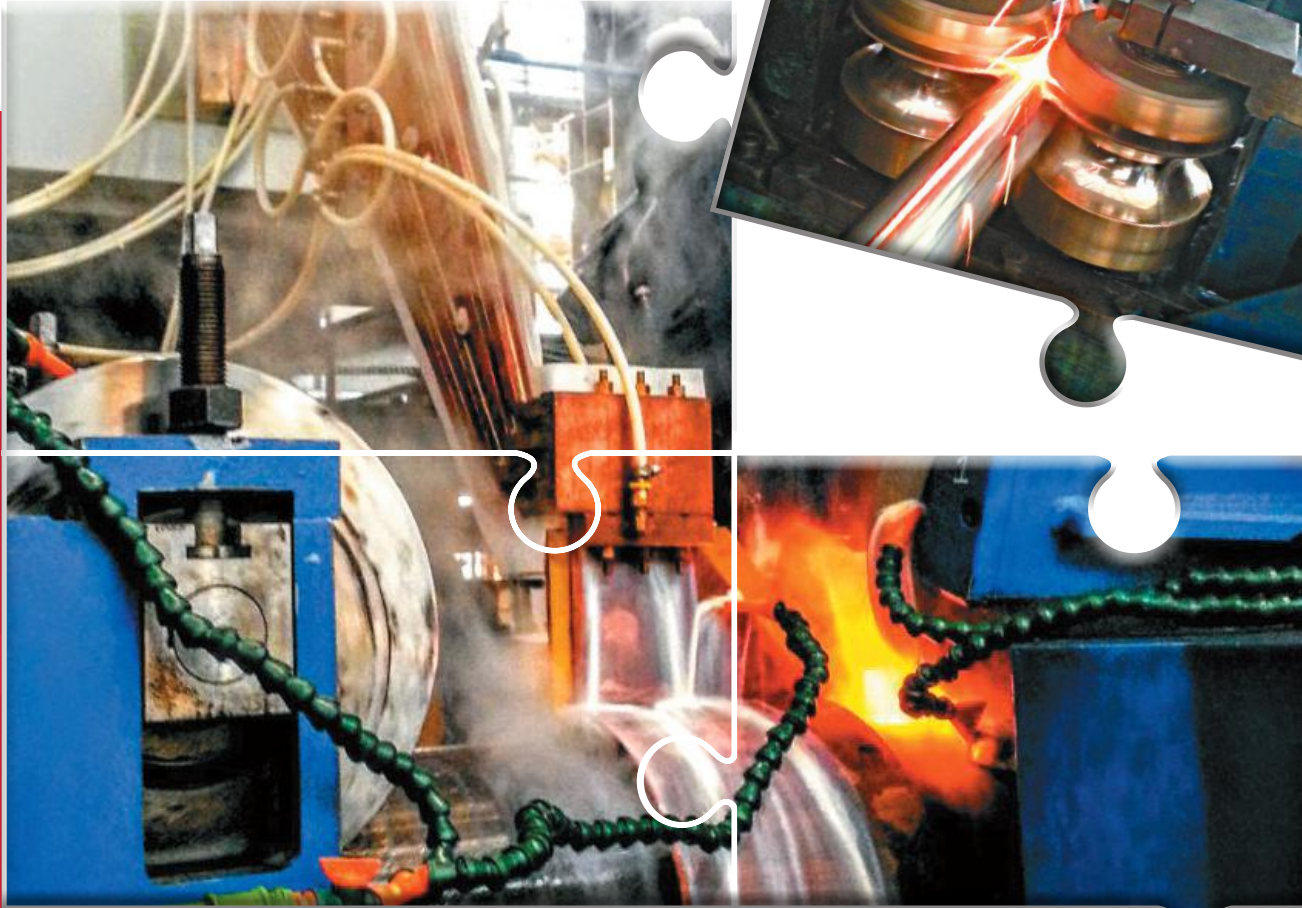




TUBULAR GOODS



"CLASSIC" VACUUM TUBE WELDERS



Robust



Head



Easy maintenance

With a very good customers reference world-wide, the High Frequency Vacuum Tube is the "Classic" Welder, appreciated by the Tube industry throughout the decades for its extremely robust design and strong reliability.

Having an overall efficiency around 70%, it is provided with a patented Ripple Filter granting less than 1% of residual ripple.

The peculiarity of HF Classic Welders is the extremely compact welding head, composed by a small cabinet containing the output transformer and the capacitors.

"CLASSIC" VACUUM TUBE WELDERS



MACHINE FEATURES

- Class C oscillator grounded grid solution
- Oscillator tube MTBF 35.000 to 50.000 working hours
- Short-circuit proof
- Welders efficiency 70%
- Easy adaptation of any load features
- No limits for required working frequencies
- Strong response in limit conditions
- Around 50 years of experience in vacuum tube welders

TECHNICAL INFO

Continuous output power	50 - 1200 kW
Power regulation range	0 - 100%
Frequency range	150 - 850 kHz
Voltage supply	On demand
Output Stabilization	By Thyristor Control automatic voltage regulator: $\pm 1\%$ at Net variation $\pm 10\%$
Residual Ripple	Less than 1% at any power output
Cooling method	Water to water by Stainless Steel heat exchanger
Max. industrial water temperature	27°C
Standard colour	Light grey RAL 7035

OPTIONS

The Automatic High Frequency Welding Head **Adjustable Table** has been designed to hold the welding head next to the tube mill. The support is equipped with three motorised movement controls along axes X, Y and Z, and allows the operator an accurate inductor positioning directly from Welder Control Desk. Maintenance and production changes are therefore easier and faster.

As an alternative to standard alphanumeric touch-screen panel, a specific software running on industrial PC installed on the control desk has been developed. The **Welding Management System** allows a real time checking of all main welding functions and the memorizing of all welding parameters and events. Working data stored can be used to repeat the best welding performances or to analyze events in the recipes database.



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