



MFI 150

MEDIUM FREQUENCY STATIC INVERTER

Discover our new



Medium Frequency
Static Inverter

Powerful, compact and
easy to move, perfect
for any of your needs



TECHNICAL DATA MFI 150

Input Voltage	380VAC 480VAC 3 Phase 50/60Hz
Input Current	270 ÷ 235
Input Power Factor	≥ 0.9
Efficiency	≥ 95%
Output Power (KW)	150
Frequency (KHz)	1:2
Max Output Current (Amp)	600
Max Output Voltage	≤ 1000
Operating Temperature	-30°C/+45°C or -40°C/+50°C on demand
Storage Temperature	-40°C/+60°C
Cooling	Air Cooled
Output Connectors	Power Lock / Copper Bushbars / Others on demand
Enclosure Type	Different enclosure available accordingly to the customer's request
Weight	600kg (Standard Enclosure)
Overall Dimensions (mm)	≈ 1300 x 720 x 1000
Available Optionals	Wireless Remote Control

COILS & RINGS

Every clamp coil or rings set is designed and built as per customer specifications, according to pipe diameter, wall thickness and joint width, in order to ensure best heating efficiency, minimizing the pipe residual magnetization, a typical detrimental side effect of induction heating.



AVAILABLE SIZES

Any diameter, from 4" to 72"
Width: accordingly to end user's request

CONNECTIONS

Fast twisting Powerlock Connectors / GIFAS
Other connectors available upon request



When higher temperatures are required, the use of **INDUCTION HEATING** systems is not only strongly recommended, but in most cases, it is the easiest and most reliable method to meet the cycle times demanded by the industry, in order to get an accurate and uniform heating around the full circumference and bandwidth of the weld joint.



Any part or element installed in our machines comes from Italian or EU suppliers only. Each single component is selected among the most trusted companies to supply an excellent, performing and reliable final product.