



MICO-S



MICO-M



MICO-L

# eldec MICO



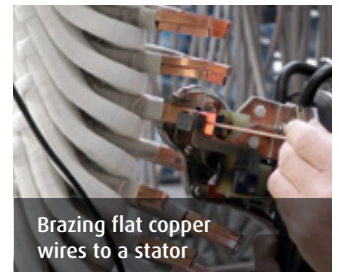
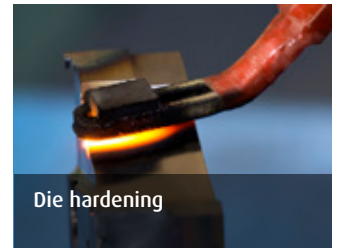
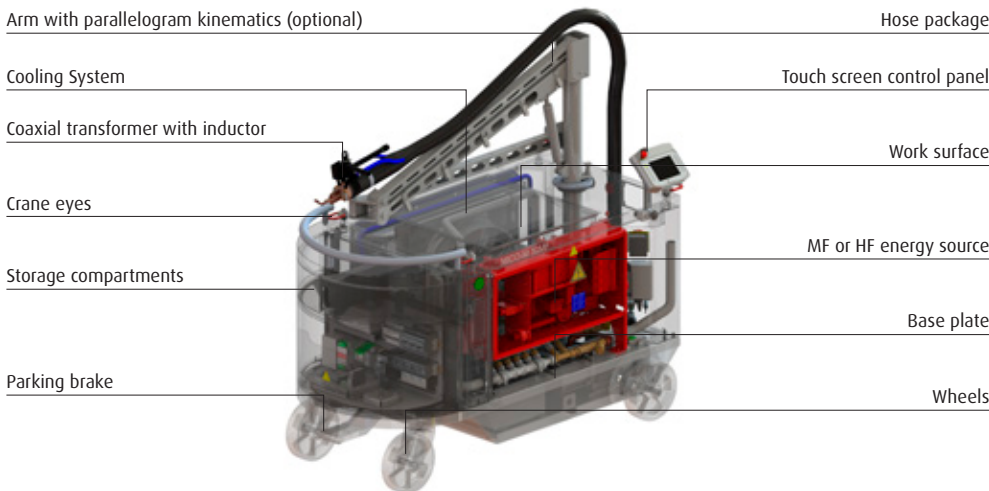
Energy source and  
coolant system in one



# Energy source and coolant system in one

Small and compact, stationary or mobile. Inductive heating, newly designed and newly built. The integration of energy source and coolant system makes inductive brazing, tempering, die hardening, coating and decoating and many more processes even more straightforward.

The MICO series is available in three housing sizes in MF and HF and power classes from 15 to 70 kW, and even up to 80 kW for short duty cycles. MICOs can be supplied with a very wide range of working surfaces, tools (inductors, brazing guns, tempering cables, etc.) and transport devices. They are extremely easy to operate using a touch screen control panel.



Type	Power, kW		Dimensions W x H x D, mm	Weight, kg	Operation
	MF	HF			
MICO-S	20	15	800 x 1,965 x 860	390	Intuitive user interface with integrated touch screen control panel and Emergency Stop button
	25				
	30				
MICO-M	20	15	800 x 935 x 1,600	480	Intuitive user interface with wired touch screen control panel and Emergency Stop button
	25				
	30				
MICO-L	20	15	800 x 1,935 x 1,600	625	Intuitive user interface with integrated touch screen control panel and Emergency Stop button
	30	35			
	50				
	50(80)				
	70				

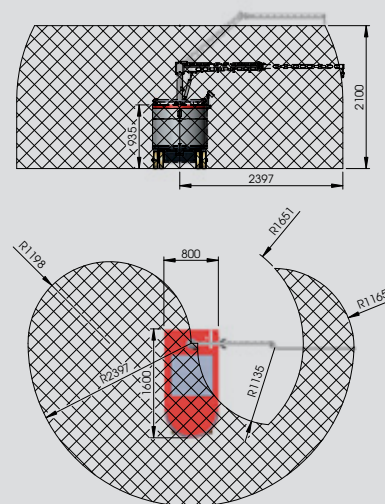
## Options for MICO-S, MICO-M, and MICO-L

Power transfer and tool handling	<ul style="list-style-type: none"> <li>- Flexible hose package up to 15 m in length (MF)</li> <li>- Arm with parallelogram kinematics available for MICO-M</li> <li>- Arm with balancer available for MICO-M and MICO-L</li> </ul>
Tools	<ul style="list-style-type: none"> <li>- Inductors</li> <li>- Brazing gun</li> <li>- Heating cable with cable box</li> </ul>
Others	<ul style="list-style-type: none"> <li>- Multiple outputs on request</li> <li>- Short-term power increase, e.g., MICO-L 50 (80) MF to 80 kW</li> <li>- Pyrometer for temperature recording and control</li> <li>- Foot pedal / switch</li> <li>- Recipe management, up to 100 recipes can be saved</li> <li>- 2-channel Emergency Stop and field buses</li> <li>- Adjustment range extension for MICO-L</li> <li>- Workpiece fixtures on MICO-M work surface</li> </ul>

MF power: 20 - 70(80) kW  
HF power: 15 - 35 kW

MF frequency range: 10 - 25 kHz\*  
HF frequency range: 140 - 350 kHz\*

\*additional frequency ranges on request



Working range using the example of the MICO-M, arm with parallelogram kinematics

