



The VAI Induction machine is ideal suitable to heat up metallic masses such as pipes or welding joints within seconds.

The attendance time for personal (e.g. welders) can be reduced to a minimum.

The inductors can be adjusted according to the load and the application to achieve the best possible performance.

The VAI- Induction machine could be run in air- cooled or water- cooled mode.

The integrated programmable controller is guaranteeing the exact processing of your temperature profile.

Process values and possible error messages displayed as clear text.

The picture will show our VAI 80 induction machine.

Technical Data	VAI 40	VAI 80	VAI 120	VAI 160
Power at 100% duty cycle	40 kVA	80 kVA	120 kVA	160 kVA
Induction loops / Control zones	1			
Connection values primary side Voltage / Current / Frequency	400 / 460 VAC 63 A 50-60 Hz	400 / 460 VAC 125 A 50-60 Hz	400 / 460 VAC 203 A 50-60 Hz	400 / 460 VAC 250 A 50-60 Hz
Connection cables primary side Length / Cross-section / Plug	5m / 4 x 16mm ² CEE63	5m / 4 x 35 mm ² CEE125	Fixed connection between main contactor and customer mains. Customer side connected.	
Connection values secondary side Voltage / Current / Frequency	500 VAC / 400 A 5...18 kHz	1000 VAC / 750 A 4....10 kHz	1000 VAC / 900 A 3....8 kHz	1000 VAC / 1000 A 3....8 kHz

Type of cooling	Air	Water	Air	Water	Air	
Weight	219kg	239kg	279kg	330kg	320kg	370kg
Dimensions	Height (mm)	1500	1690	1500	1690	1690
	Width (mm)	560	560	560	560	750
	Depth (mm)	750	750	750	750	970
Program controller	TC1000 VAI					
Temperature detection (external)	4 x Typ K (NiCr-Ni)					
Input jacks temperature sensor	standard compensating jacks					
Control range	0....1200°C					
Protection class	IP 21					
Environmental conditions	-20...+40 °C , 90% rF, non-condensed					
Forced ventilated housing	yes					
Sound emission	< 70 dB					

Accessories (Standard)	Manual (printed), 1 Set of power cables (7,5m)
------------------------	--

Accessories (Option)	Paper chart recorder KL60-6 or Screen recorder RSG35-6 Wired remote control Primary supply 500VAC, 50-60Hz Power cables up to 15m length
----------------------	---