

Sinac® 960 SL



Incorporating the very latest advances in induction technology, the Sinac range offers unrivalled reliability and application flexibility.

Sinac increases throughput.

Fast, easy, accurate and repeatable heat delivery improves productivity.

Sinac improves quality.

Sinac's control system makes it easy to accurately control temperatures. Precise and reliable heating cycles are assured.

Sinac is environment friendly.

No flames, no gas and virtually no radiant heat mean a more comfortable, more productive working environment. Good news for the natural environment, too.

Sinac lets you do more.

Sinac's flexibility and application versatility let you perform practically any heating task.

Sinac reduces costs.

Precise heat delivery means you get things right the first time. Scrap, re-working and energy costs are minimized.



Sinac[®]960 SL

PRODUCT FEATURES

Stationary systems

Sinac is EFD Induction's range of complete stationary heating systems. Sinac's compact design saves valuable floor space and simplifies in-line integration and retrofitting.

Sinac system

The Sinac can be used for a wide range of applications. The Sinac consists of a power source connected to an output fixture. The output fixture may vary according to the application.

Range of coils

Sinac systems can be fitted with a practically limitless range of coil designs. EFD Induction are specialists at designing, testing and delivering customized, long-life coils.

Efficient

A highly efficient heating system, Sinac minimizes energy costs.

Advanced MMI

An easy-to-use control panel lets operators control the heating cycle locally from the Sinac.

Remote control

Operators can use the remote control unit to control heating cycles via feedback to the electronic control system.

APPLICATIONS AREAS

Sinac 960 SL is a low-frequency model. It is ideal for a wide range of applications: brazing, shrink fitting, hardening, curing, straightening, heat treatment, etc. It is also ideal for seam annealing. Sinac is suitable for heating all kinds of electrical conductive materials like copper, aluminum, steel, stainless steel, brass, titanium, etc.

TECHNICAL DATA

Model	Sinac 960 SL
Output	
Continuous output power	960 kW
Output power regulation range	10-100 %
Frequency range	1 - 4 kHz
Supply	
Supply voltage range	3 x 480 V+/-10%
Frequency	50/60 Hz
Nominal line current	1375 A
Nominal apparent power	1143 kVA
Recommended fuse	1800 Amp

Cooling

Water consumption, min.	30 l/min*
Water inlet temperature	max. 35°C
Water pressure min./max.	4/6 bar *
Cooling water quality - ph	between 7.0 and 9.0

Enclosure **

Ambient operating temp.	+5°C - +50°C
Outer dimensions (WxDxH)	2800x960x2120 mm
Weight	approx. 1000 kg
Enclosure protection	IP 54
Color	RAL 7035 Grey

* Output fixture and coil not included

** Weight and dimensions are without output fixture

Subject to modification