

## Superior Induction Company

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## Product Name: **SI-100KWLF**



Superior Induction is dedicated to offering our customers quality induction heating equipment at a very affordable price. These are truly remarkable and revolutionary machines packing tremendous power in such a small chassis. Like the rest of our family of induction heaters, the LF Series (meaning Low Frequency 1-20 kHz) uses the highest quality components from the 10KW model (SI-10KWLF) all the way up to the 150KW model (SI-150KWLF). They are truly portable machines, the largest weighing 289 lb (131 kg).

How does Superior Induction keep the prices so affordable? We have low overhead. In addition, the manufacturer's engineers have developed a very efficient design in all their induction heating machines, thereby reducing the amount of components and the cost.

These machines are ideal for rod and bar forging, induction melting, heat treatment of moulds and heat matching for motor parts. Because our solid-state induction heaters are so portable, they can be placed on a cart and moved just about anywhere on the factory floor for easy mobility. Also because of their small chassis size they can be shipped anywhere around the world for both sales and service. If after a few years your machine needs service, no problem; just ship it to us and we will return it to you with very fast turnaround.

Superior Induction offers our solid-state induction heating equipment with a one year parts and labor warranty and are guaranteed to perform as well or better than any other induction heaters. Support is available any time either through a telephone call or email.

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## Specification

Water Protection	Pressure and Temperature Switch
Water Pressure	40 psi ~ 0.28 Mpa
Water Flow	6.5 gal/min - 26 L/min
Output Voltage	70 to 550 V
Output Power	100 kW
Output Frequency	1 to 20 kHz
Output Current	30 to 200 A
Input Voltage	460 V Three Phase
Input Power	110 kVA
Duty Cycle	100%
Auto Retaining Time	.1 to 99.9 seconds
Auto Heating Time	.1 to 99.9 seconds
Air Cooling	Rear Fan

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## Power-Supply

<b>Weight</b>	242 lb ~ 110 kg
<b>Size (W x D x H)</b>	24x 40 x 45in ~ 600 x 1000 x 1120mm

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## Heat-Station

<b>Weight</b>	141 lb ~ 64 kg
<b>Size (W x D x H)</b>	16 x 19 x 18 in ~ 400 x 475 x 450 mm