

Induction Equipment 100Kw - 80 KHz.

CX100-B



- CONTACT:

(442) 295 – 2969
(442) 295 - 2970

- E-MAIL:

sales@luzars.com



LUZARS Induction Equipment

Features robust electronic power circuitry and simple operator-friendly control logic, allowing anyone with minimal training to operate and tune in quickly and accurately

LUZARS Induction Equipment

Designed to work continuously at 100% of their capacity. The robustness of its electronic circuitry leads the equipment to withstand short circuits at the work coil or some bad tuning on it without any problem



Easy to tune



Coil quick change



Flexible leads



Compact models

Main strengths of our Equipment:

- L-L-C Solid State IGBT Transistor Technology
- Advanced electronic protection against short circuits in the work coil
- Easy to tune to adjust work coil (no tooling required)
- Manual tuning adjustment via rotary knob (does not use multitap transformer)
- As standard, it includes a quick-change system for work coils (no tools required)
- Compact and simplified design
- Light and flexible extension cable to bring the heating coil closer to the process
- Almost no preventive maintenance
- Includes timer for automatic stop control
- High power factor

Our equipment can be operated and monitored by different means, directly with the control panel, from a remote button station, with pedal or through a PLC interface.

Our equipment is designed to make preventive and corrective maintenance very easy as it facilitates troubleshooting and component replacement.

The work coil can be approached to the area where heating is required by means of a flexible extension cable, this cable can be up to 6 meters long.

The change of work coil is carried out in a practical and simple way, just loosen a knob on the departure bus by hand.

TECHNICAL DATA

General data	--	BX100-B	Cooling
Input voltage (3 phases)	--	400 - 460 VCA	Minimum water Flow
Consumption (maximum)	--	200 Amperes	80 lts/ min
Line consumption (minimum)	--	120 KVA	Minimum dif pressure
Input frequency	--	50 - 60 Hz.	30 Psi
Room temperature	--	2° C a 38°C	Maximun inlet pressure
Power factor	--	0.93	100 Psi
			Inlet water temp
			35°C Max
			Water quality
			Low in salts
Characteristics		Packing	
Nominal Power	100 KW	Net weight	382Kg
Maximun power	110 KW al 110%	Gross weight	418 Kg
Frecuency range	20 a 80 KHz.		80cm W
Work cycle	Continuo al 100%	Dimensions	190cm H
Enable time	100 a 400 µseg.		60cm D
Interface control	Keypad, pedal, PLC, Analogue control	Scheme	
Arquitecturae	L-LC		
Timer operation	Timer: Scale 0-100 seg		
Extension cable to heating head output	2.2 (Standard) up to 6 mts de length		