

Induction Equipment 50Kw - 10 KHz.

AX50-B



- CONTACT:

(442) 295 – 2969
(442) 295 - 2970

- E-MAIL:

sales@luzars.com

Our costumers:



BOSCH



TRUPER

TREMEC

APEX
TOOL GROUP

EATON

CNH

MACIMEX

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 are 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

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 www.luzars.com

 Conjunto Industrial San Antonio, Carr. Campo Militar No. 305 Int. K. Querétaro

Main strengths of our Equipment:

- L-LC Solid State IGBT Transistor Technology
- Advanced electronic protection against short circuits in the work coil
- Easy to adjust work coil (no tooling required).
- Manual tuning adjustment via rotary knob (does not use multitap transformer)
- Compact and simplified design
- Light and flexible cable leads for bringing the system 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	--	AX50-B	Cooling
Input voltage (3 phases)	--	400 - 460 VCA	Minimum water Flow
Consumption (maximum)	--	80 Amperes	40 lts/ min
Line consumption	--	50 KVA	Minimum dif pressure
(minimum) Input frequency	--	50 - 60 Hz.	30 Psi
Room temperature	--	2° C a 38°C	Maximum inlet pressure
Power factor	--	0.93	100 Psi
			Inlet water temp
			35°C Max
			Water quality
			Baja en sales
Characteristics			Packing
Nominal power	50 KW		Net weight
Maximum power	55 KW al 110%		200 Kg
Frequency range	5 a 10 KHz.		Gross weight
Work cycle	Continuous at 100%		254 Kg
Enable time	100 a 400 µseg.		60cm H
Interface control	Keypad, pedal, PLC, Analogue control		170cm W
Arquitecture	L-LC		60cm D
Timer operation	Timer: scale 0-100 seg		
Extension cable to heating head output	2.2 (Standard) up to 6 mts de length		
			Scheme
			