

## LBH120D Linmast Induction Heater



### Technical Specification

*Power Consumption (Max.):* 12.5 kva

*Voltage:* 380v/415v/460 v

*Current (Maximum):* 32 A

*Frequency:* 50/60 Hertz

*Duty Cycle:* Continuous

*Overall Dimensions (lwxhx):* 86 x 40 x 58 cm

*Unit Weight:* 120 kg

*Core Section (AxA):* 80 x 80 mm

*Core/Coil Diameter:* 157 mm

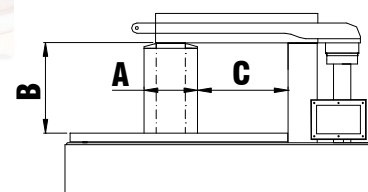
*Pole Height (B):* 270 mm

*Window Width (C):* 260 mm

*Efficient Heat Limit:* 300 kg

*Cross Bars Supplied:* 40 x 40 mm

*Cross Bars Supplied:* 60 x 60 mm



*Cross Bar Diameter:* 56 mm

*Cross Bar Diameter:* 86 mm

### **Construction Features**

- *Stainless Steel frame construction*
- *Top Swing Arm in Stainless Steel Shell*
- *Top Swing Arm lifts from the core as pushed away*
- *Top Swing Arm swings on bearing construction for easy and precise movement*
- *Two piece core constructed from laminated low loss electrical steel*
- *Cross Bars encased in Stainless Steel Housing*
- *Fully Encapsulated Coil*
- *Robust Magnetic Temperature Sensor protected in a Stainless Steel Armour*

### **Control Features**

- *Microprocessor controlled*
- *User Friendly Menu Operation*
- *LCD Display*
- *Membrane Keypad*
- *Automatic Demagnetisation at end of heating cycle (Residual magnetism < 2 A/cm)*
- *3 Power Steps – High, Medium & Low form heating different metals*
- *Temperature Control (0 to 250°C,  $\pm 2^\circ\text{C}$ )*
- *Preset Temperature 110°C*
- *Temperature Hold Function*
- *Time Control (0 to 60 minutes  $\pm 0.01$  seconds )*
- *Current Protection*
- *Over-Temperature Protection*

### **Other Features**

- *Heat Resistant Gloves Supplied*
- *Digital Temperature Calibration ( $\pm 2^\circ\text{C}$ )*
- *CE International Certification*
- *ISO 9001:2000 Certification*