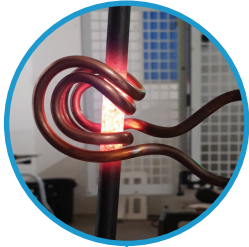


INDUTI

DUTIBOX & INHEATER 50

Reference of the product: 32-01-0011

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Extremely fast and precise heating



Control module with touchscreen for an accurate process



Flexible coil design for each particular workpiece



Suitable for integrated robotized systems

DutiBox & InHeater50 are a highly versatile and portable induction machine suitable for a wide range of metal heating applications. It consists of 2 solid modular tabletop units – inductor and controller - which are very

flexible to work with. It can also include an electric axle system for inductor handling and an interface plug for external control, in order to be integrated into an automatic or robotized system for the feeding and

exchanging of parts. This machine was designed to offer an outstanding solution for repetitive and precisely heating applications.

TECHNICAL DATA

MEASUREMENTS	InHeater 50	DutiBox
Width; Length; Height (mm)	280; 603; 342	280; 590; 342
Width; Length; Height (in)	11,1; 23,7; 13,5	11,1; 23,2; 13,5
Weight (kg) / (lbs)	20 / 44	17,5 / 38,6

ELECTRICAL

Connection	--
Supply	3x400 [V] + N @ 50 [Hz]
Consumption	500 [mA] - 12 [A] (max. 7.5KVA)
Frequency Range (KHz)	45-56

OPERATION

Heating Power (kVA)	10-200
Min-Max Temp. (°C) / (°F)	0-1200 / 32-2192 (sensor controlled) 0-1500 / 32-2732 (pyrometer controlled) > 1500 / > 2732 (indirect control)
Operability (h)	up to 20000

COOLING SYSTEM

Capacity (KW)	1,8-6 [L/min]
Min-Max Temp. (°C) / (°F)	20~35 / 68~95

PRODUCTS / SIZES

Inductor/Coil	On Request
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INTERFACE

User Interface	Touchscreen, Buzzer, LED
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CONNECTIONS

Barcode Reader	(optional)
Remote Devices	(optional)
Temperature Sensor	Type K / Optional pyrometer
External Display	HDMI
USB	Yes
Network	RJ45

FEATURES

- Auto Tune – Auto select frequency and power for best efficiency
- MWPDP - Missing Work Piece Detection
- CTOA - Cycle Time Overflow Alarm
- SCD - Short Circuit Detection
- CM - Colling Monitoring – Temperature and flux
- TMM - Temperature Machine Monitoring
- EC - External Control
- Inverter
- IGBT technology
- Optic Fiber Interface
- MRA - Machine Remote Access
- HMI – Human Machine Interface 7” touchscreen
- Durable and compact design for minimize workspace
- Safety: dangerous condition detection & emergency system
- Energy efficient and easy to maintain
- Integration with industry 4.0
- Service & Support: engineering team available & training

OPTIONS

