

CH303-50KVA

Advantage of Induction Heating

Controlled Heating
Selective Heating
Non Polluting
Energy Efficient
No Start-up Time
User Friendly

Salients

Made in India
DSP Controller
Large Touch Screen
Simple and Rich Modes
On Screen Counter
On Screen Feeder Control
Solid state latest IGBT design
with precise power control
100% Duty Cycle
Connection for Pyrometer



The CH303 series machines are our best machines have DSP control system. All machines have these sensors: 3-Phase Volt and Ampere meter, Water pressure sensor, Water flow sensor, Thermostat, Machine temperature sensor, Inverter temperature sensor and some additional sensors applicable in custom machines. All the user controls and Sensor data is displayed on graphic display. For convenient operation other advance features can be disabled and user have to set required power only.

The transformer core is low loss soft ferrite and coils are copper wound with H-class covering and an extra insulation wall is placed to isolate output winding. The water cooling design of transformer makes it more efficient. The inverter section incorporates high quality capacitors which has a Q-factor > 1000. The switching device used are the fastest devices than their counterparts. An interface filter prevents line disturbance. A new type of exclusive circuit prevents the MCB's repetitive tripping.

Technical Specification

MODEL	CH303-50KVA	CH303-100KVA
Supply	415V, 3Ph, 50Hz	415V, 3Ph, 50Hz
Power	50 KVA	100 KVA
Duty cycle	100 %	100 %
Efficiency (Inv.)	90 %	90 %
Insulation	H Class	H Class
Programs (M4)	100	100
Counter	6 Digit	6 Digit
M/c Size (L x W x H) in.	41x 32x 62	45x 34 x 64
M/c Weight	260 Kg	380 Kg
Suitable Rod Dia	16 to 36	25 to 50

Complete Unit

- Induction Machine
- Cooling Tower
- Material Feeder
- Heat Exchanger
- 2-Water Pumps

Optional Items: Pyrometer, Extra coils etc.

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* NOTE : All specifications are subjected to change without prior notice.