

CYLINDER BATTERY PACK AUTOMATIC SPOT WELDING MACHINE



Introduction :

This machine is used for cylinder battery pack automatic spot welding.

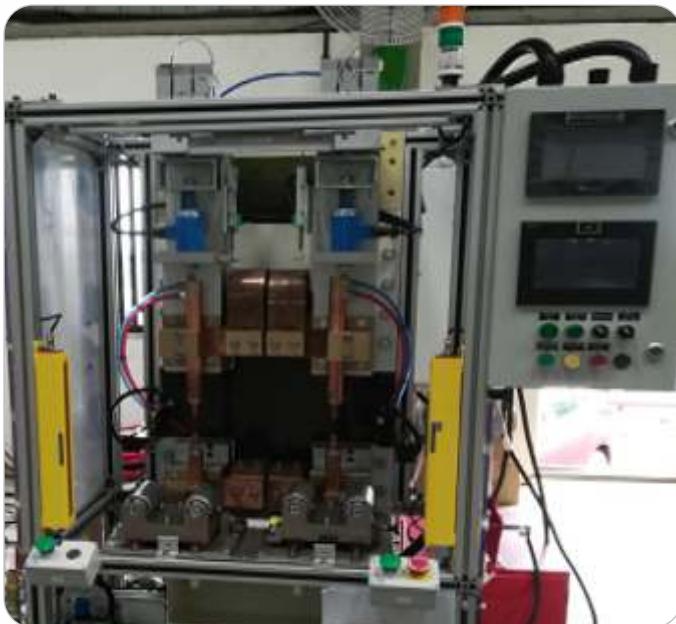
- ※ 3 Axis Motion for machine (Battery pack forward/Reverse and Head left/right/Up/Down)
- ※ Programming is simple, and it supports any point programming and array programming. Programming saving facility is available.
- ※ Motorized head with force followup mechanism
- ※ Machine Available CD/MFDC/Transistor power source
- ※ Machine suitable for resistance as well as laser welding power source

Specifications:

| Model | KSPM- Battery Tab |
|---------------------------|---------------------------------------|
| X-axis travel | 500 mm |
| Y-axis travel | 500 mm |
| Z -axis travel | 50 mm |
| Spot welding speed | 0.5s / point |
| Operating system | Embedded system + man-machine screen |
| Locator and Head movement | Servo Motor + LM guide and Ball Screw |
| Power supply | 3 Phase 415 v |
| Air supply | Max 6 Bar |
| Weight | 500KG |
| Dimensions | Approx 1000mm x 1000mm x 1800mm |



HOT CRIMPING MACHINE



Resistance welding is used to burn enamel and crimp multi-strand wires to lugs. It differs from other types of resistance welding because it uses a conductive metal sleeve to pass the current, generate the heat and hold the wires together. Wires & lugs of different combinations can be used.

Introduction :

- ※ Machine available AC/AC Inverter /MFDC (Medium Frequency direct Current)
- ※ Low impedance Water cooled welding transformer
- ※ Microprocessor based Welding Power Source
- ※ Deflection free welding head with linear movement
- ※ MS Fabricated Rigid structure

OPTIONAL ACCESSORIES

1. Load cell interlock
2. Displacement interlock
3. Air Pressure Interlock
4. Water flow interlock
5. Operator safety interlock

Kirpekar

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