

## 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

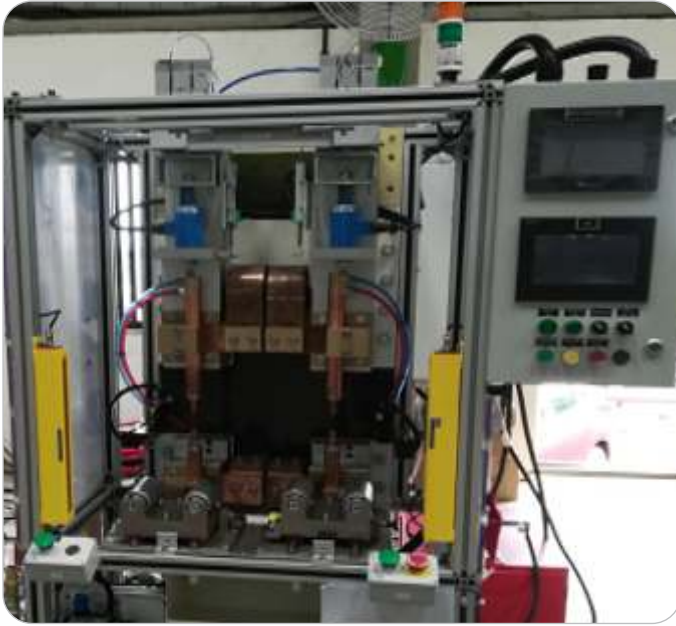


### Specifications:

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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