

Outcomes

- Thyristorised controller-based technology
- 15 KVA gun type spot welder
- Up to 1.8+1.8mm thickness welding capacity
- Convenient trigger handle initiation with weld/no weld feature
- Quick change electrodes as per job requirement



Single Sided Resistance Spot Welding Hand Gun Operated – CSH15

Advanced Thyristorised Resistance Welding Control System

Our controllers make your spot welding gun intelligent and provide stable welding quality. This timer allows you to set a fixed weld time of up to 10 seconds which is initiated when you pull the gun trigger. Ideal for making continuous spot welds on thin sheet metal. A rotary switch is provided to control power and timing, also indications are given for weld-on and mains on.



Copper Wound Transformer - Reducing Maintenance and Prolonging Life

We use high quality BIS standard copper wire to fabricate our transformers to ensure more efficient and durable with high short-circuit withstand capability.



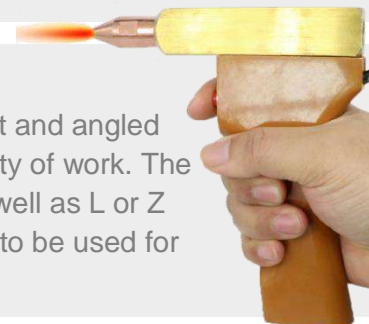
CRGO Silicon Steel as Transformer Core

CRGO steel is the superior choice for any transformer. An optimum constituent of silicon addition in steel can change the texture so as to achieve desirable magnetic properties. A very low level of magnetostriction leads to noise reduction and enhances ease of winding and improves productivity.

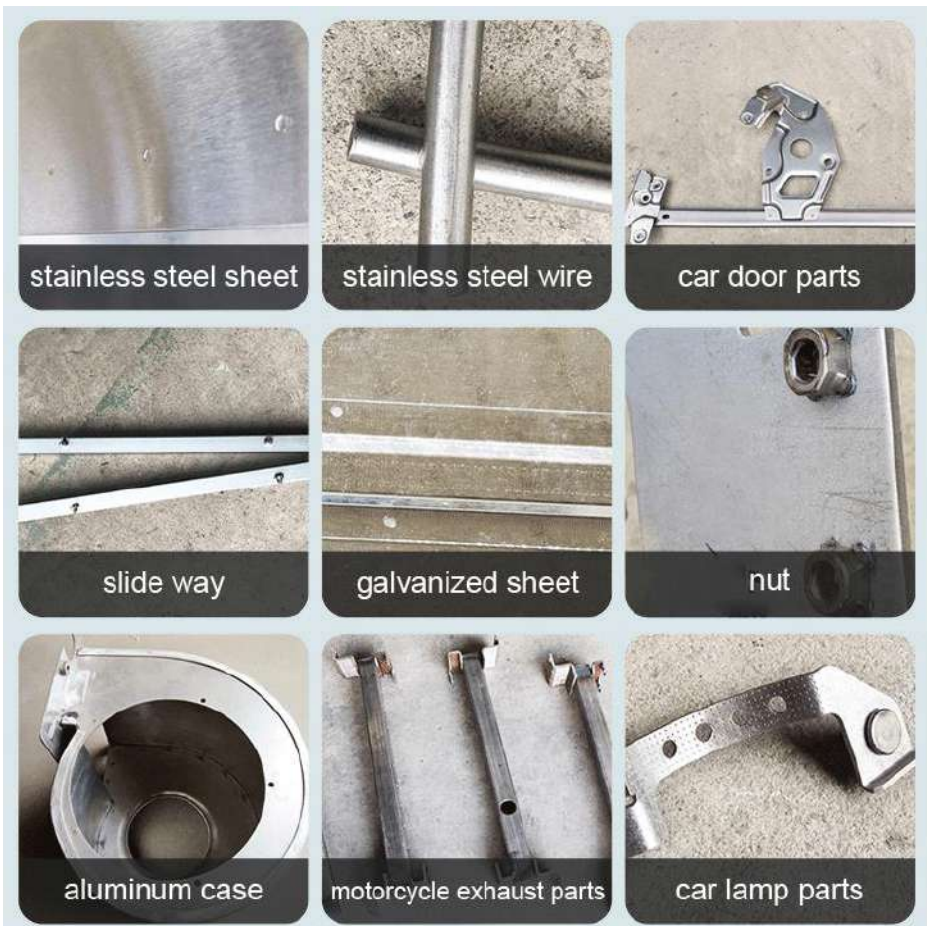


Special Design Poke Welding Gun

Chrome-copper electrode-holders for long life and heavy-duty service, designed for straight and angled fitting. Easy to handle and with a conveniently placed switch it can be used for a wide variety of work. The electrodes can be changed as per the need of the job. You can use straight electrodes as well as L or Z shaped electrodes. The handle of the spot gun is made from a blend of Bakelite and wood to be used for high-duty cycle applications without overheating.



Specification	CSH15
Rated capacity, kVA	15
Input supply, V	AC415±15%
Phase	I/II
Frequency, Hz	50/60
Max welding capacity, mm	1.8+1.8
No load voltage (max.), V	11
Rated primary current, A	70
Adjustment rated	6
Welding Time Adjustment, sec	0~9.99
Secondary Unload Voltage, V	7.6~12.8
Time control, KA	Solid state electronic timer
Insulation	H
Transformer cooling	Air cooled
Earth cable length, m	3
Output main cable length, m	3
Gun and control cable weight, kg	8.5
Dimensions (LxWxH), mm	520x800x680
Weight (approx), kg	82



And what are the **advantages?**

- Easy to handle and with a conveniently placed switch it can be used for a wide variety of work.
- Optimal adaption of the gun to the welding job by modular design.
- The precision consoles with their accurate timers allow work on materials as thin as 0.3 mm and will perform satisfactory welds on materials of up to 3.6 mm.
- Synchronous built-in electronic timer with SCR from 2 to 65 cycles.
- All transformer is coated with H class insulation material. Test are made using 4000 volts.
- The welding time is adjusted in milliseconds thus allowing the best set-up.
- We construct the flexible welding guns for single-sided resistance spot welding for you so that they exactly fit your requirements.
- Epoxy resin coated transformer.
- The transformer, controller and finely designed gun create a gentle power that makes connections reliably and goes easy on the material.
- **Typical applications** - The machine is designed for jobs that can't be accommodated in a conventional type spot welding machines due to throat depth limitations or bigger size of jobs such as stiffener welding on steel, Almira door, Almira shelves, passenger lift doors, flooring of passenger lift etc. Fitting of shelves in a steel Almira, welding on square or round pipes. Welding of the sheet on hollow structures cladding of S.S. sheet or structures.