



CSR10

Cruxweld **CSR10** spot welder is designed to meet every need of spot welding. The new stationary ergonomic frame designed by Cruxweld helps to facilitate the operator's work.

CS series resistance spot welders, versatile, robust and easy-to-use, ensure best welding results on any weldable metal and are the most ideal solution for all spot-welding applications.

New Design Potential

- Electrodes, holders and arms are provided with water cooling arrangement with hose connections.
- Solid state electronic timer to control weld from 5 to 50 cycles and 1 to 10 seconds to achieve accurate and repeatable spots.
- Arms adjustable in length allowing a better working flexibility.
- Chrome-copper electrode-holders for long life and heavy duty service, designed for straight and angled fitting.
- Proper cooling and insulation including winding impregnation to enhance reliability and service life of the transformer.
- Current control by means of 6 tap change links between 50% and 100%.
- Excellent welding on all weldable metals.

Specification

	Unit	CSR10
Rating at 50% duty cycle	kVA	10
Electrodes throat depth	mm	460
Nominal throat clearance	mm	220
Welding range M.S. sheet thickness (min. to max.)	2xmm	0.2 – 2.0
Welding range S.S. sheet thickness (min. to max.)	2xmm	0.2 – 2.0
Welding range Brass sheet thickness (min. to max.)	2xmm	0.1 – 1.0
No load secondary voltage	V	3.4
Minimum available short circuit current	kA	8
Nominal electrode force	kgf	100
Electrode stroke max.	mm	40
Water supply at max. temp at 30°C	l/min	3
Insulation	Class	H
Mains supply voltage	V	230/415±10%
Phase	Nos	1/2
Cooling for arms & electrodes	-	Water
Delayed action fuse	A	25
Cross section connecting cables	mm ²	12
Dimensions (LxWxH)	mm	660x450x1200
Net weight (approximately)	kg	160