

TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM

**STUDFAST
STUDWELDING
LIMITED**

Taylor Studwelding Systems Limited is a specialist in the design, manufacture and supply of Studwelding equipment and studs. Within our range of British built equipment we will have the system to suit your requirements.

CDM MULTI-GUN CAPACITOR DISCHARGE STUDWELDING EQUIPMENT RANGE

Compact, portable Capacitor Discharge equipment designed to weld up to 10mm diameter studs using various combinations of handtools and stud sizes. With its simple and robust construction the CDM MULTI-GUN range offers an economic and reliable method of fixing Mild Steel, Stainless Steel, Aluminium and Brass studs. Fast and accurate, the CDM MULTI-GUN range gives you better weld results.

Designed and built to exacting standards and meets all required standards, the CDM MULTI-GUN range is CE marked.



A TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM TO WELD UP TO 10MM DIAMETER STUDS

TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEMS



CDM RANGE

CONTROLLER FEATURES

- Operates any combination of 3 handtools.
- Operates any combination of lift gap and contact handtools.
- Allows different diameters and lengths to be welded.
- Compact, lightweight portable machine.
- Strong, robust construction.
- Rapid welding action reduces weld time.
- Super fast recharge time improves profitability.
- Easy adjustment of capacitor voltage.
- LED displays allow easy monitoring of functions.



Contact

CONTACT HANDTOOL FEATURES

- Designed for lightness and balance.
- Minimises operator fatigue.
- Comfortable and easy to use.
- Body made from impact resistant, high strength Verton.
- Accessories available to solve specific location problems.



Lift Gap

LIFT GAP HANDTOOL FEATURES

- Designed for lightness and balance.
- Minimises operator fatigue.
- Comfortable and easy to use.
- Body made from impact resistant, high strength Verton.
- Accessories available to solve specific location problems.
- Up to 5mm of lift available.



Mini Contact

MINI CONTACT HANDTOOL

- Designed for use where access is limited.

MICRO CONTACT HANDTOOL

- Designed for use where access is very limited.
- Used in conjunction with standard Contact handtool.



Micro Contact

TECHNICAL SPECIFICATION

Controller

Mains Input	115 and 230V AC, 50 – 60 Hz, 1 Phase
Input Power	1.8 KVA
Input Fuse Rating	16A at 115V, 10A at 230V
Output Voltage	35 – 200V
Output Power Source	Electrolytic Capacitors
Weld Rate	10 – 50 studs per minute
Weld Range	2 – 10mm
Enclosure	Class IP31 protection

Model

	CDM8 MULTI-GUN	CDM9 MULTI-GUN	CDM10 MULTI-GUN
Variant	Up to 3 handtools in any combination of lift gap and contact handtools		
Nominal Capacitance	66,000 mf	99,000 mf	132,000 mf
Welding Range Mild Steel	2 – 8mm	2 – 10mm	2 – 10mm
Welding Range Stainless Steel	2 – 8mm	2 – 8mm	2 – 10mm
Welding Range Aluminium Alloy	2 – 6mm	2 – 6mm	2 – 6mm
Welding Range Zintec	2 – 6mm	2 – 8mm	2 – 8mm
Weight (controller only)	27/30kgs	Dimensions 460x375x326mm	

Model

	Contact	Lift Gap
Welding Range	2mm to 10mm	2mm to 10mm
Stud Length Range	Standard – up to 35mm Extended – any length	Standard – up to 35mm Extended – any length
Handtool Length	202mm	185mm
Cable Length	3 metres	3 metres
Handtool Weight:	1.90kg	2.00kg

Mini Contact Handtool

Welding Range	2mm to 10mm
Stud Length Range	up to 25mm
Handtool Length	70mm
Handtool Weight	1.45kg

Micro Contact Handtool

Welding Range	2mm to 8mm
Stud Length Range	up to 25mm
Handtool Length	50mm
Handtool Weight	0.30kg

