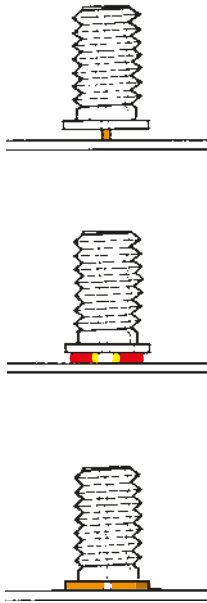


# TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM



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 range is CE and UKCA marked.

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

TAYLOR STUDWELDING SYSTEMS LIMITED

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# TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM



Controller



C2 Contact



LG2 Lift Gap



Mini Contact



Micro Contact

## CDM MULTI – GUN

### 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.

### C2 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.

### LG2 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 HANDTOOL

- Designed for use where access is limited.

### MICRO CONTACT HANDTOOL

- Designed for use where access is limited.
- Used in conjunction with standard C2 Contact handtool.

## TECHNICAL SPECIFICATION

### CDM Multi – Gun Controller

Mains Input	115 and 230V AC, 50-60Hz, 1 Phase
Input Power	1.8KVA
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 IP21 Protection
Dimensions (L x W x H) (mm)	462 x 375 x 326

### Model

Model	CDM8 Multi - Gun	CDM9 Multi - Gun	CDM10 Multi - Gun
Variant	UP to 3 handtools in any combination of lift gap and contact handtool		
Nominal Capacitance	66,000 µ	99,000 µ	132,000 µ
Welding Range Mild Steel	2 - 8mm	2 - 10mm	2 - 10mm
Welding Range Stainless Steel	2 - 6mm	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)	27kg	28kg	30kg

### Model

Model	C2 Contact Handtool	LG2 Lift Gap Handtool
Welding Range	2-10mm	2-10mm
Stud Length Range	Standard legs - up to 35mm Extended legs - any length	Standard legs - up to 35mm Extended legs - any length
Handtool Length	195mm	195mm
Cable Length	3 metres	3 metres
Handtool Weight (Inc cables)	1.92kg	2.20kg

### Mini Contact Handtool

Welding Range	2-8mm
Stud Length Range	M3-M8 - up to 25mm
Cable Length	3 metres
Handtool Length	62mm
Handtool Weight	1.45kg

### Micro Contact Handtool

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



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