

# TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM

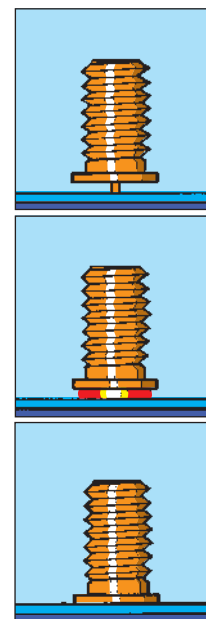


Taylor Studwelding Systems Limited is a specialist in the design, manufacture and supply of Studwelding equipment and studs. Within our range of British built equipment we will have the system to suit your requirements.

## CDM CAPACITOR DISCHARGE STUDWELDING EQUIPMENT RANGE

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

Designed and built to exacting standards and meets all required standards, the CDM 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

- 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.
- Quality and reliability from Taylor Studwelding Systems Limited.
- Welds Mild Steel, Stainless Steel, Aluminium and Brass.



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

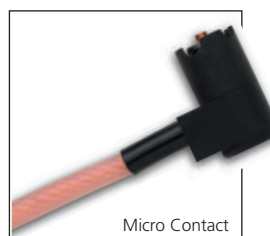
- Designed for lightness and balance.
- Minimises operator fatigue.
- Comfortable and easy to use.
- Body made from impact resistant, high strength Verton.
- Accessories available to solve specific location problems.
- Up to 5mm of lift available.



Mini Contact

### MINI CONTACT HANDTOOL

- Designed for use where access is limited.



Micro Contact

### MICRO CONTACT HANDTOOL

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

## 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 IP21 protection
Dimensions (L x W x H) (mm)	410 x 200 x 230

### Model CDM8 CDM8 CDM9 CDM9 CDM10 CDM10

Variant	Contact	Lift Gap	Contact	Lift Gap	Contact	Lift Gap
Nominal Capacitance	66,000 mf	66,000 mf	99,000 mf	99,000 mf	132,000 mf	132,000 mf
Welding Range Mild Steel	2 – 8mm	2 – 8mm	2 – 10mm	2 – 8mm	2 – 10mm	2 – 10mm
Welding Range Stainless Steel	2 – 6mm	2 – 6mm	2 – 8mm	2 – 8mm	2 – 10mm	2 – 10mm
Welding Range Aluminium Alloy	2 – 6mm	2 – 6mm	2 – 6mm	2 – 8mm	2 – 8mm	2 – 8mm
Welding Range Zintec	2 – 6mm	2 – 6mm	2 – 8mm	2 – 8mm	2 – 8mm	2 – 8mm
Weight (controller only)	16.00kg	16.00kg	17.50kg	17.50kg	18.50kg	18.50kg

### Model Contact C2 Lift Gap LG2

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	194mm	194mm
Cable Length	3 metres	3 metres
Handtool Weight	1.92kg	2.00kg

### Mini Contact Handtool

Welding Range	2mm to 8mm
Stud Length Range	M3-M5 – up to 55mm M6-M8 – up to 45mm
Handtool Length	62mm
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

