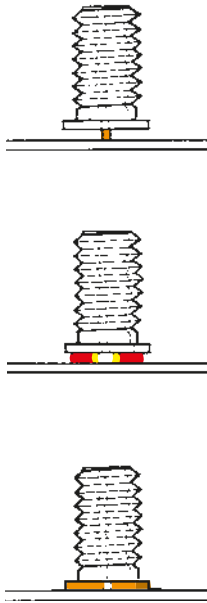


# TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEM



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 and UKCA marked.

TEL: +44 (0)1924 452123 | FAX: +44 (0)1924 430059  
EMAIL: [sales@taylor-studwelding.com](mailto:sales@taylor-studwelding.com) | [www.taylor-studwelding.com](http://www.taylor-studwelding.com)



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

TAYLOR STUDWELDING SYSTEMS LIMITED

Commercial Road, Dewsbury, West Yorkshire, WF13 2BD, England

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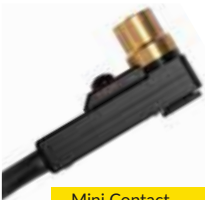
Controller



C2 Contact



LG2 Lift Gap



Mini Contact



Micro Contact

## 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.

### 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 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) | 430 x 210 x 270                      |

### Model

|                               | CDM8     | CDM8     | CDM9     | CDM9     | CDM10     | CDM10     |
|-------------------------------|----------|----------|----------|----------|-----------|-----------|
| Variant                       | Contact  | Lift Gap | Contact  | Lift Gap | Contact   | Lift Gap  |
| Nominal Capacitance           | 66,000 µ | 66,000 µ | 99,000 µ | 99,000 µ | 132,000 µ | 132,000 µ |
| 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 – 6mm  | 2 – 8mm   | 2 – 8mm   |
| Welding Range Zintec          | 2 – 6mm  | 2 – 6mm  | 2 – 8mm  | 2 – 6mm  | 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<br>Extended – any length | Standard – up to 35mm<br>Extended – any length |
| Handtool Length   | 195mm  | 195mm  |
| Cable Length      | 3 metres                                       | 3 metres                                       |
| Handtool Weight   | 1.92kg   | 2.20kg   |

### Mini Contact Handtool

|                   |                    |
|-------------------|--------------------|
| Welding Range     | 2mm to 8mm         |
| Stud Length Range | M3-M8 – up to 25mm |
| Handtool Length   | 62mm               |
| Cable Length      | 3 metres           |
| 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     |



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