

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.

CDi CAPACITOR DISCHARGE STUDWELDING EQUIPMENT RANGE

Compact, lightweight easily portable Capacitor Discharge equipment designed to weld up to 10mm diameter studs. With its strong and robust construction the CDi range is half the weight of many other conventional Capacitor Discharge welding equipments. Use of the latest inverter technology ensures an efficient machine with fast charge rates giving you an economic and reliable method of fixing Mild Steel, Stainless Steel, Aluminium and Brass studs.

Designed and built to exacting standards and meets all required standards, the CDi range is CE marked.



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

TAYLORMADE CAPACITOR DISCHARGE STUDWELDING SYSTEMS



CDi RANGE

CONTROLLER FEATURES

- Compact, lightweight portable machine.
- Strong, robust construction.
- Half the weight of many other conventional Capacitor Discharge welding equipments.
- Latest inverter technology ensures a more efficient machine with faster charge rates.
- Rapid welding action substantially reduces weld time and improves profitability.
- Automatically senses and adjusts for varying AC voltages and frequencies.
- Easy adjustment of capacitor voltage.
- LED allows 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/ABS.
- Accessories available to solve specific location problems.



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	100-250 V AC 50/60 HZ
Input Fuse Rating	5 A
Output Voltage	25-200 V DC
Output Power Source	Electrolytic Capacitors
Weld Rate	5-30 studs per minute
Weld Range	2-10mm
Enclosure	Class IP31 protection

Models	CDi 8	CDi 9	CDi 10
Variant	Contact	Contact	Contact
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 – 6mm	2 – 8mm	2 – 10mm
Welding Range Aluminium Alloy	2 – 6mm	2 – 8mm	2 – 8mm
Welding Range Zintec	2 – 6mm	2 – 8mm	2 – 8mm
Weight (controller only)	11.1kg	12.2kg	13.3kg

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

Mini Contact Handtool	
Welding Range	2mm to 10mm
Stud Length Range	up to 20mm (30mm possible)
Handtool Length	70mm
Handtool Weight	1.45kg

Micro Contact Handtool	
Welding Range	2mm to 8mm
Stud Length Range	up to 20mm (30mm possible)
Handtool Length	50mm
Handtool Weight	0.30kg