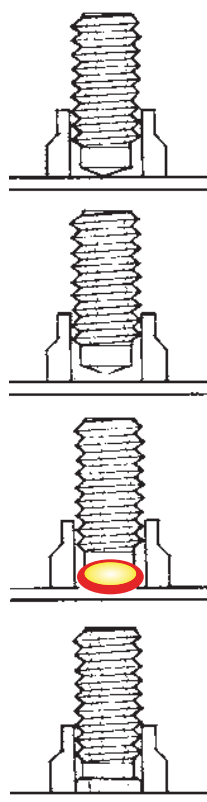


# TAYLORMADE DRAWN ARC STUDWELDING SYSTEM



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.

## SYSTEM 1600E

Compact, manoeuvrable Drawn Arc equipment designed to weld up to 18mm (M20 RD) diameter studs. With its simple robust construction, the 1600E offers an economic and reliable method of fixing Mild Steel and Stainless Steel studs. Fast, accurate and easy to operate, the system 1600E gives you better weld results.

Designed and built to exacting standards and meets all required standards, the System 1600E 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 DRAWN ARC STUDWELDING SYSTEM TO WELD UP TO 20MM REDUCED BASE STUDS**

TAYLOR STUDWELDING SYSTEMS LIMITED

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

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# TAYLORMADE DRAWN ARC STUDWELDING SYSTEM



Controller



DA2A



DA3A

## SYSTEM 1600E

### CONTROLLER FEATURES

- Robust and compact design housing all components in one cabinet.
- Mounted on 4 wheels making the machine easily manoeuvrable.
- Soak tested components used. All systems undergo extensive durability tests.
- Microcomputer controlled.
- Infinitely adjustable welding current.
- Constant current control.
- Infinitely adjustable welding time.
- Solid state switching.
- Visual current and time display.
- Current reporting procedure.
- Thermostatically controlled air cooling.
- Recessed front and back panels protect controls and weld sockets.
- Twist and lock plugs and sockets.
- Handtool can use any UK and European chucking system.
- Gun lift test facility.
- Chuck saver circuit fitted.
- Fitted with gas facility.
- Welds Short Cycle Drawn Arc.

### DA2A/DA3A HANDTOOL FEATURES

- Designed for lightness and balance.
- Comfortable to use, minimises operator fatigue.
- Made from impact resistant, high strength Vertron.
- Accessories are available to solve specific problems.
- Extensions are available for both handtool and earth cables.

### TECHNICAL SPECIFICATION

Model	1600E
Welding stud range	3 - 18mm (M20 RD)
Input	3ph 400v 50Hz (other voltages available)
Fusing	65A
Max. KVA rating	85KVA
Welding current	200-1600 A
Welding time range	20 - 1500 m/sec
Welding rate	4 - 20 studs per minute
No-load Voltage	95V DC
Class protection	IP 23
Cooling	Fan
Transformer insulation class	H
Dimensions (L x W x H)(mm)	860 x 470 x 630
Weight	156 kg

Model	DA2A
Material	Vertron
Welding range	3 - 16mm
Stud length	Standard legs - 100mm Extended legs - any length
Cable length	5 metres
Cable Size	50mm
Weight (Inc cables)	5.4 kg
Dimensions (L x W x H)(mm)	270 x 70 x 155

Model	DA3A
Material	Vertron
Welding range	3 - 20mm
Stud length	Standard legs - 100mm Extended legs - any length
Cable length	5 metres
Cable Size	70mm
Weight (Inc cables)	5.4 kg
Dimensions (L x W x H)(mm)	270 x 70 x 155



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