

**STUDFAST
STUDWELDING
LIMITED**

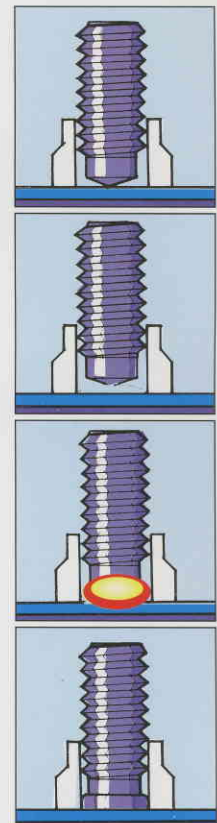
TAYLORMADE DRAWN ARC STUDWELDING SYSTEMS

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 2000E / 2400E

Robust manoeuvrable Drawn Arc equipment designed to weld large studs up to 25mm in diameter. With their simple construction this range of equipment offers an economical and reliable method of fixing Mild Steel and Stainless Steel studs. Fast, accurate and easy to operate this range of heavy duty equipment gives you better weld results.

Designed and built to meet all required standards, this range of Drawn Arc equipment is CE marked.



TAYLORMADE DRAWN ARC STUDWELDING SYSTEMS TO WELD UP TO 25MM DIAMETER FULL BASE STUDS

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SYSTEM 2000E / 2400E CONTROLLER FEATURES

- Robust and compact design housing all components in one cabinet.
- Mounted on 4 wheels making the machine easily manoeuvrable (front 2 swivel wheels are fitted with brakes).
- 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 weld 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.

TECHNICAL SPECIFICATION

Model	2000E	2400E
Welding Stud Range	5mm – 22mm	6mm – 25mm
Input	3ph. 400v 50Hz (other voltages available)	3ph. 400v 50Hz (other voltages available)
Fusing	100A	125A
Max. KVA Rating	85KVA	120KVA
Welding Current (10% cycle)	300 – 2000	400 – 2400
Welding Time (m/sec)	50 – 1500	50 – 1500
Welding Rate	30 – 4/min	30 – 6/min
No-load Voltage	95	95
Class Protection	IP23	IP23
Cooling	Fan	Fan
Transformer Insulation Class	H	H
Dimensions (L x W x H) (mm)	1000 x 610 x 840	1000 x 610 x 840
Weight	313kg	385kg



HANDTOOL FEATURES

- Designed for lightness and balance.
- Comfortable to use, minimises operator fatigue.
- Made from impact resistant, high strength Verton.
- Fitted with long hydraulic damper for shear stud welding.
- Accessories – Various accessories / attachments are available to solve specific problems.
- Extensions are available for both handtool and earth cables.



DA 3



DA 4, 5, 6

TECHNICAL SPECIFICATION

Model	DA3	DA4,5,6
Material	Verton	Verton
Welding Range	3mm – 20mm	6mm – 25mm
Stud Length Range – with standard legs with extended legs	100mm any length stud	100mm any length stud
Cable Length	5 metres	5 metres
Cable Size	70mm	DA4 – 70mm DA5 – 95mm DA6 – 120mm
Under Sling Length	–	100mm
Weight (less cable)	1.9kg	2.1kg
Dimensions (L x W x H) (mm)	250 x 60 x 160	260 x 70 x 160