

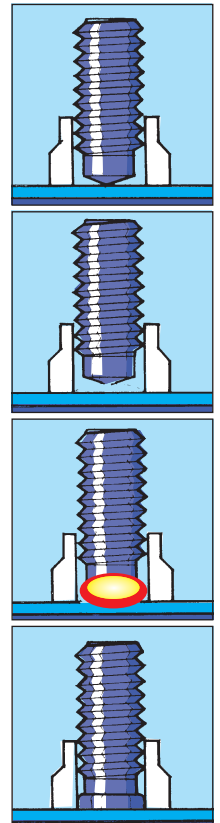
TAYLORMADE DRAWN ARC STUDWELDING SYSTEM

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 20mm 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 marked.



A TAYLORMADE DRAWN ARC STUDWELDING SYSTEM TO WELD UP TO 20MM FULL BASE STUDS

TAYLORMADE DRAWN ARC STUDWELDING SYSTEM

SYSTEM 1600E

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.



DA2/DA3 HANDTOOL FEATURES

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



DA8 HANDTOOL FEATURES

- Lightweight small fixed mini pistol.
- Used to weld Short Cycle studs.
- Possible to weld up to 12mm standard Drawn Arc.
- Supplied to weld with gas if required.

TECHNICAL SPECIFICATION

| Model | 1600E |
|------------------------------|--|
| Welding Stud Range | 3mm – 20mm |
| Input | 3ph. 400v 50Hz (other voltages available) |
| Fusing | 65A |
| Max. KVA Rating | 65KVA |
| Welding Current (10% cycle) | 200 – 1600 |
| Welding Time (m/sec) | 20 – 1500 |
| Welding Rate | 20 – 4/min |
| No-load Voltage | 95 |
| Class Protection | IP23 |
| Cooling | Fan |
| Transformer Insulation Class | H |
| Dimensions (L x W x H) (mm) | 810 x 470 x 620 |
| Weight | 151kg |

TECHNICAL SPECIFICATION

| Model | DA2 | DA3 |
|--|--------------------------|--------------------------|
| Material | Verton | Verton |
| Welding Range | 3mm – 16mm | 3mm – 20mm |
| Stud Length – standard legs extended legs | 100mm any length stud | 100mm any length stud |
| Cable Length | 5 metres | 5 metres |
| Cable Size | 50mm | 70mm |
| Weight (less cable) | 1.9kg | 1.9kg |
| Dimensions (L x W x H) (mm) | 250 x 60 x 160 | 250 x 60 x 160 |

TECHNICAL SPECIFICATION

| Model | DA8 |
|--|-------------------------|
| Material | Verton |
| Welding Range | 3mm – 10mm |
| Stud Length – with standard legs with extended legs | 35mm any length stud |
| Cable Length | 5 metres |
| Cable Size | 25mm |
| Weight (less cable) | 0.9kg |
| Dimensions L x W x H | 185mm x 40mm x 130mm |

