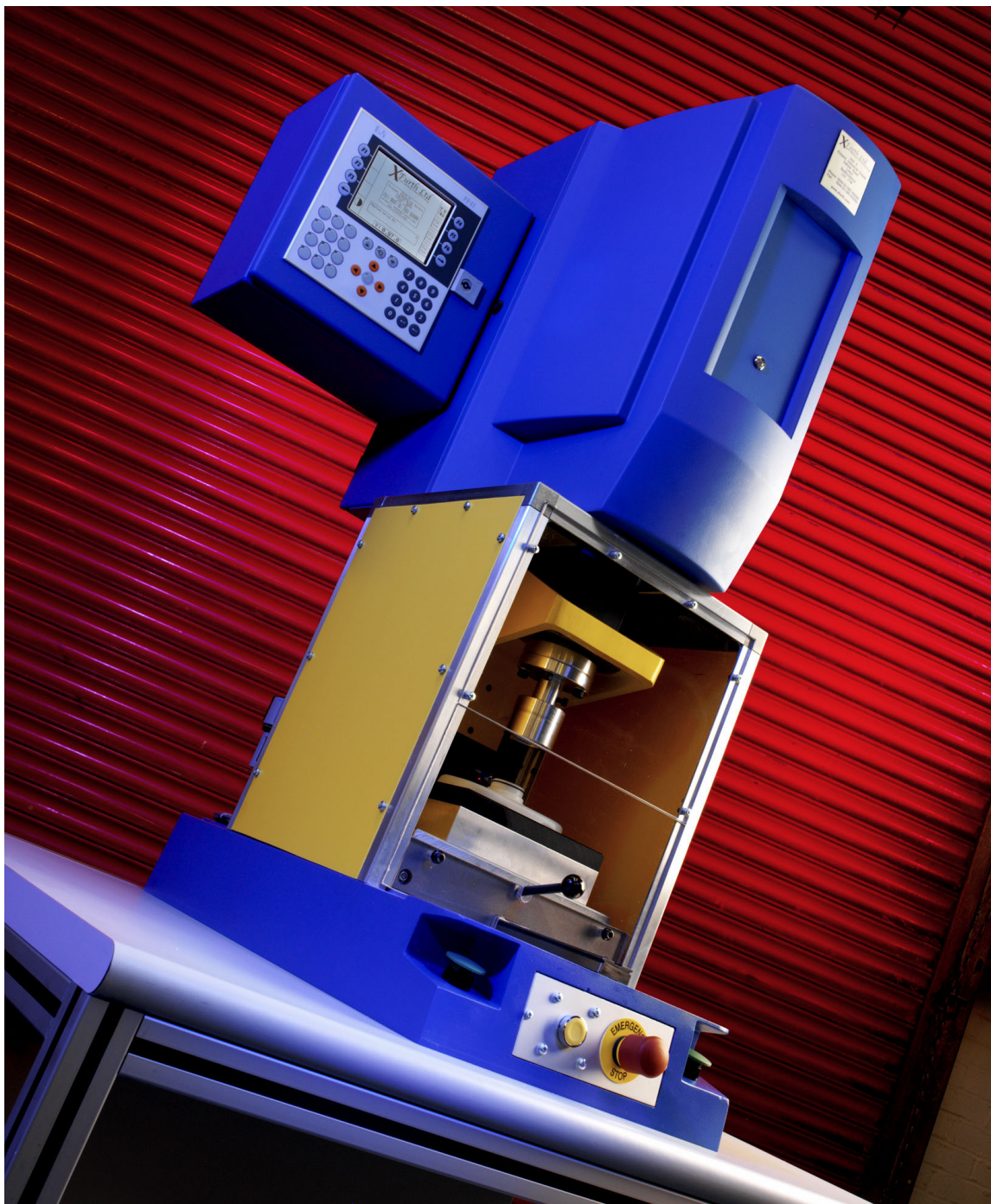
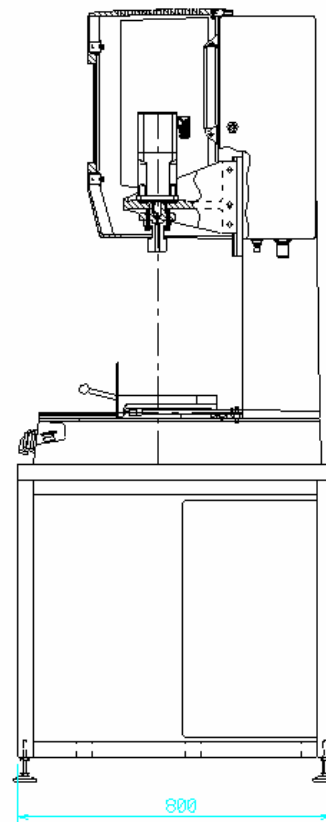
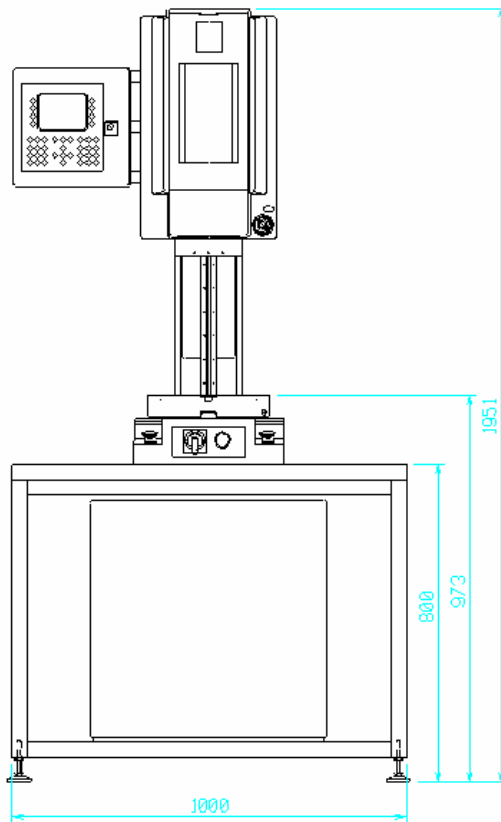


## **Servo Drive and Servo Spin Welding Machine**



**Xfurth Limited**, Unit 4, Firbank Industrial Estate, Dallow Road, Luton, Bedfordshire, LU1 1TW

Phone: **+44 (0)1582 436000** Fax: **+ 44 (0)1582 455955** Email: [sales@xfurth.com](mailto:sales@xfurth.com) Website: [www.xfurth.com](http://www.xfurth.com)



### **Xfurth Spin Welding Machine**

The particularly stable mechanical design prevents this machine from flexing under extremely high working pressures. This ensures that the Drive Tool sits evenly on the part to be welded. The guide block for the lifting movement is driven by a Servo Motor and runs on precision linear bearings guaranteeing optimum accuracy and long life. The drive tooling is driven by a Servo Motor for accurate radial positioning of the welded assemblies.

Maximum welding head stroke	350mm
Minimum welding head stroke	6mm
Welding head adjustment	350mm
Throat depth	190mm
Height adjustment via servo drive increments	.01mm
Work table size	375 x 475mm
Nest mounting plate with level adjustment	310 x 220mm
Maximum welding height between drive and sliding table	391mm
Maximum force	3000 Newtons
Voltage	380 - 415v
Control	24v DC

### **Machine Control and Welding Features**

#### *Welding Modes:-*

Time	For welding over specified time
Distance	For accurate closure of moulding to 2 decimal places
Revolutions	For accurate radial positioning

Digital cooling time

Variable pressure control throughout the welding process via servo drive

- Total parts counter
- Pass and fail monitoring
- Batch welding features
- Password protected parameters and information access
- 99 programmable parameter allocations (for Machines with multi purpose jobs)
- Automatic part sensing (for easy set-up)
- Part missing detection facility
- 4000 fault diagnosis display for easy fault finding
- Serial interface for QC product software
- Modem option
- Contrast adjustment for different light conditions
- Full product printout facility

### **Standard Software pre-installed**

To facilitate - Sliding Table, Remote Start and Machine Warranty/Service Renewal Indicator.

Voltage: Mains Voltage 380 - 415v, Sensors and actors 24 v DC.

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Email: [sales@xfurth.com](mailto:sales@xfurth.com)  
Website: [www.xfurth.com](http://www.xfurth.com)**