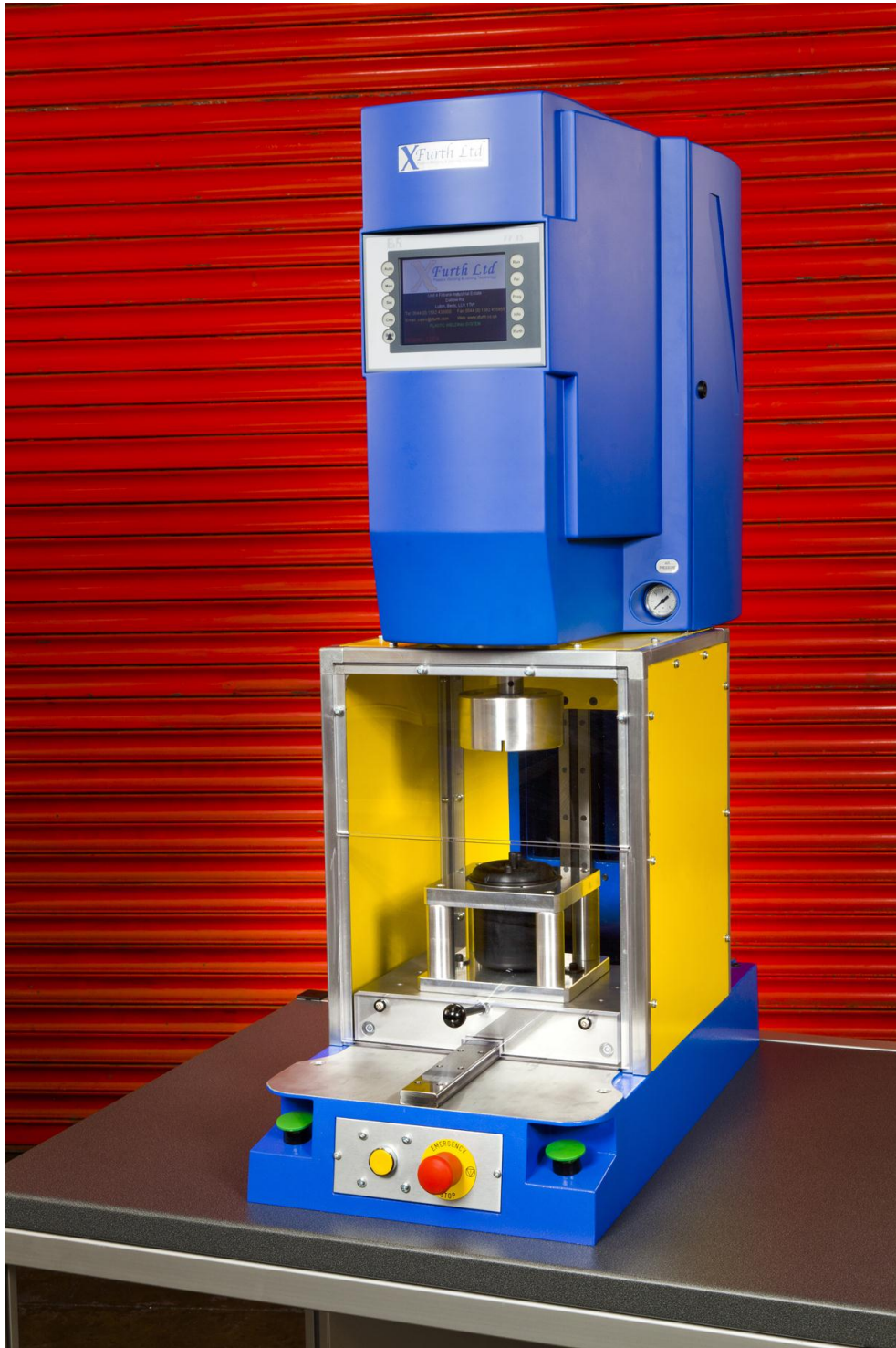
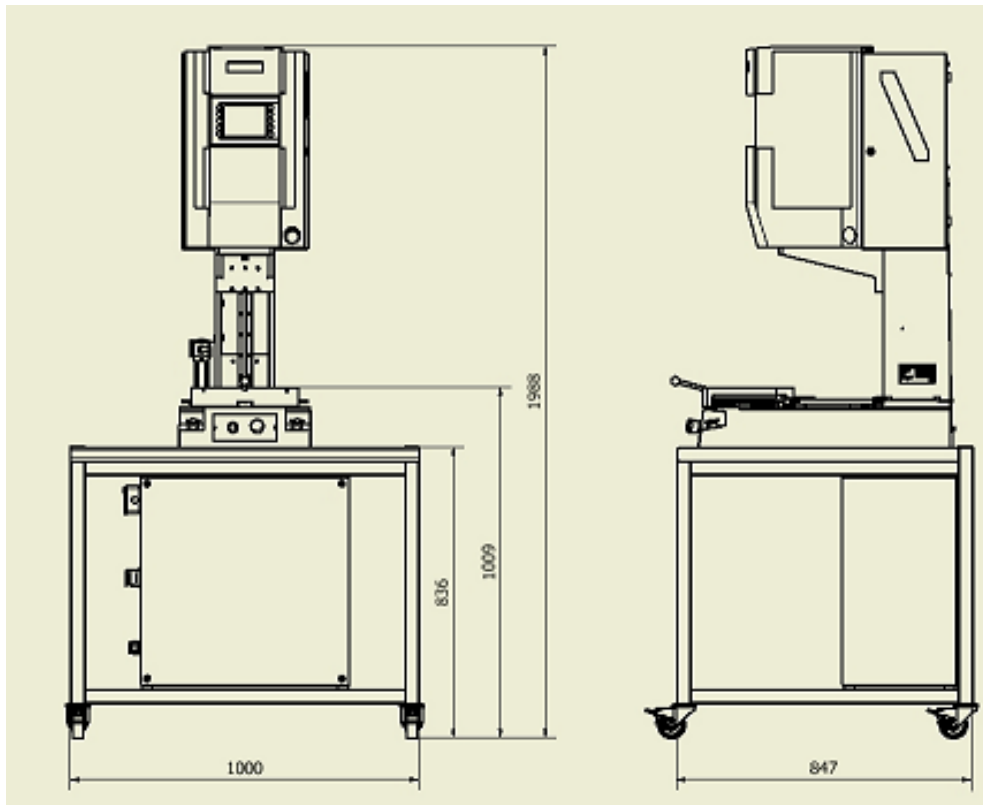


Servo Drive and Servo Spin Welding Machine



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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	.01mm increments
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.

British Design & Built

This robust spin welding machine is designed and manufactured in the UK by Xfurth Ltd.

In line with our policy of continuous development, we reserve the right to change the specification of any product without notice.