Servo Drive and Servo Spin Welding Machine
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

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.