

stratford tools

PRECISION SHEET METALWORK



Excellence in precision sheet metalwork



We regularly review developments in production machinery to ensure that we have the capability and capacity to provide the best service to fulfil customers' demands.



We meet the exacting standards of a wide range of industries, including audio, telecoms, defence, motorsport, POS/retail and industrial equipment.

Stratford Tools provides a complete and efficient service in precision sheet metalwork, backed by continuous investment in the latest production technology and a depth of engineering experience.

Consistently high standards of manufacture and service are applied to every product we produce – from prototypes to long run production .

Under one roof

All manufacturing is carried out in our purpose-built factory in Buckingham. The 78,000 building is designed and laid-out to provide logical work-flow, an ideal working environment and the flexibility to add and change plant and machinery.

Quality Manufacturing

We were an early adopter of recognised, quality standards more than 30 years ago and are certified to BS EN ISO 9001. Completing all processes in house gives us total control over quality, supported by real-time monitoring and reporting of all processes. We are frequently trusted to ship to line for many of our customers.

Investment In Technology

As an established and profitable family company, we are able to make investment decisions as required in order to maintain our competitive advantage – in quality, delivery and price.

Complete Service

From your drawing to our production line

CNC Punching	Laser Profiling
Welding	CNC Folding
Machining	Assembly
Finishing	Packing
Printing	Dispatch



Planning and Programming

Our bespoke Manufacturing Control System links key business areas – through estimating, planning, production and accounts – to give real-time control of costs and delivery times. CAD/CAM software accepts all industry standard drawings and generates accurate programs for efficient production.

Laser Profiling and Punching

A comprehensive range of production machines equipped with automatic loading and unloading and programmed tool change allow efficient 24/7 production to high standards of quality. Stand-alone lasers, punching and combination machines offer true flexibility in processing a wide range of materials, gauges and sizes.

Precision Folding

Our suite of Press Brakes provide high levels of accuracy in precision bending and forming. CNC control and program storage minimises setup and cycle times to give high quality and short lead times.

Stud Welding

Auto-fed stud welding provides a low-cost method of precise fastener attachment for small and large scale manufacture. CNC control allows studs to be applied reliably and consistently to visually sensitive faces.

Inserts and Fasteners

CNC controlled technology with automatic feed allows the insertion of various fasteners in a single operation to a consistent standard. Quick change tooling ensures minimum setup times and cost efficient production

Welding and Assembly

MIG and TIG welding processes are carried out to controlled procedures by experienced operatives. Full graining, deburring and cleaning facilities are available.

A dedicated clean area for mechanical assembly, undertakes riveting and assembly of manufactured and supplied components. With guaranteed standards, we are regularly trusted to ship sub-assemblies straight to customer production lines.



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- Purpose built 78,000 sq.ft temperature controlled facility
- Highly trained and focussed personnel
- Twenty-four hour manufacturing
- ISO 9001 accredited company

Finishing and Printing

Finishing operations are all carried out in our factory, ensuring consistent quality from a single source. Clean working conditions contribute to the high standard of finish. Only electroplating is entrusted to reliable subcontractors.

Our electrostatic powder coating department uses a conveyerised line and the latest electrostatic powder gun technology for commercial application of powder paint on high volume products to ensure maximum efficiency and consistency. Conventional wet spray booths are used for stoving enamels and acrylic paint application for a finish typically associated with audio and high end equipment products. Semi automated silk screening benches for front panel notation ensure we achieve repeatability over large batches and high quality detail on both small and large components.

Packaging and Delivery

Manufactured Items are packed, ready for despatch in paper, foam, boxes or bespoke systems as required and delivered by our own transport.

