

Eldon

Eldon Tool and Engineering Limited



• **PRECISION ENGINEERING AT ITS BEST**

 **MADE IN
SHEFFIELD**

Eldon

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Eldon Engineering Company Limited was established in 1975 to provide a sub-contract machining service to national and local industries.

Close to motorway networks (M1 & M18) with easy access to the country's infrastructure and main shipping routes, Eldon are equipped with the very latest technologically advanced machines for Turning, Milling and Drilling.

Eldon's Engineering division offer a complete service of production from raw material to finished product in quantities from one off specials to many thousands meeting the highest quality standards demanded by industry.

CNC Turning Capabilities

- Our CNC machines turn 280mm diameter by 450mm between centres
- Automatic CNC turning machines with sub spindle, cross drilling and milling up to 65mm bar diameter with magazine bar feeds
- CNC Sliding Head Machines 1.6mm to 32mm diameter with sub spindle, cross drilling and milling with magazine bar feeds
- CNC Machining Centres four axis: Capacity 510 x 762 x 435mm

Full inspection facilities with quality control implemented to British & European standards.

Nakamura

- 3 x CNC Multi axis, twin spindle machining centres with Fanuc control have the ability to produce one hit complex components from up to Ø65 bar capacity; having up to 7 axis and full driven tooling capabilities. Again with the ability to work "Lights out"



MACHINE SHOP CAPABILITIES

Sliding head

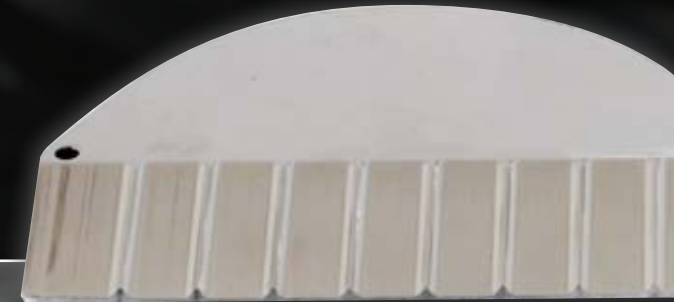
- 6 x CNC Citizen Sliding head with sub spindle, driven tooling, Mitsubishi Control & Bar feed; has up to Ø32 bar capacity and component length to 500mm. Up to 5 Axis machining, of small complex parts with the ability to work "Lights out"

Multi axis autos

- 2 x CNC Multi axis autos give up to 50Ø bar capacity x 150mm component length, also benefiting from "Lights out" operation

Milling

- 3 x 3 Axis CNC milling with Siemens controls have a machining envelope of up to 510mm x 762mm x 435mm (XYZ) with the additional 4th Axis capabilities available





Lathes

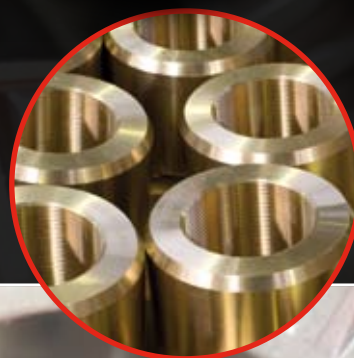
- 6 x 2 Axis CNC Turning with Fanuc controls
- A machining envelope of up to 250mm \varnothing x 400mm in length and the capability to produce components from bar to a maximum diameter of 65mm (stock \varnothing)

Drilling

- 1 x EMIMEC auto to \varnothing 50 drilling facilities; Capstan lathes to \varnothing 40

Welding

- MIG & TIG welding facilities



OUR VERSATILITY

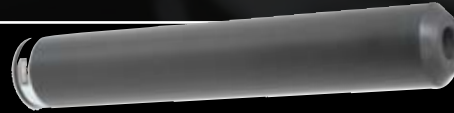
Automotive

- Engine Locking Timing Tools
- Specialist Automotive Tools



Lifestyle

- Precision air rifle silencers (licenced to manufacture firearm components)
- Tea light holders and candle stick holders
- Kebab knives
- A wide range of coupling for all types of application - Food, Gas, Hydraulics



Industry

- A range of wood working tools that fit into wood work lathes and a high quality chuck
- Parts for all types of pumps
- Temperature probe casing for the steel industry
- Precision nozzle parts for a number of companies
- Parts for drilling application



Couplings

As well as their sub-contract service Eldon manufacture and market a range of Quick Release Couplings and fittings for the Chemical and Oil Industries with the ability to design and manufacture to customers specifications.

These capabilities and an emphasis on reliability and service have resulted in the regular supply to high profile companies such as:

- ICI • British Coal • British Aerospace
- British Steel • Rolls Royce



Made in Sheffield

Sheffield has a long and proud history as a manufacturing city and remains to this day, at the forefront of technology in metals and metal products.

The made in Sheffield mark is a treasured endorsement of the pride the manufacturing industry has in this traditional sector of the market.



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