

CAPACITY LIST

MILLING

Our variety of milling machines ensure results of the highest quality

We have ten Computer Numerical Control (CNC) milling machines with full 4th & 5th axis capacity:

CNC Mills

- 2 x Haas UMC-750SS 762 x 508 x 508 5 axis universal machining centre (15000rpm, 40 plus 1 side tool changer)
- Haas VF-6/40 1626 x 813 x 762 10000rpm
- Haas VF-2SSYT-HSE 762 x 508 x 508 12000rpm 4 axis machining
- UMC 500 610 x 406 x 406 15000rpm 5 axis machining
- Haas MiniMill 406 x 355 x 381 10000rpm 3 axis machining
- Haas Super MiniMill 2 508 x 406 x 356 10000rpm 3 axis machining
- 2 x Haas VF2 8000 RPM gear boxed – thru coolant

Manual Machine

- DRO Beaver Turret Mill

TURNING

We have both CNC and manual turning capabilities

Lathes

- Haas ST-20SSY bar feed with live tooling
- Haas ST-15 with 8.3" chuck size and 2.5" bar capacity
- Haas ST-25Y-Y axis with 3" bore live tooling
- Haas ST-35 12" chuck x 4" bore - 3200 rpm – 40 hp vector drive

Manual Machine

- Colchester Triumph 2000 manual lathe
- XYZ RLX 425 x 1.25m gap bed lathe 80mm bore

All CNC milling and turning machines are fully equipped with the Haas Wireless Intuitive Probing System (WIPS and WIPS-L)

INSPECTION

Our state of the art inspection equipment guarantees accuracy

Our inspection capability is of the highest standard due to our investment in a Co-Ordinate Measuring Machine (CMM) – QCT Mitutoyo Euro C544 CNC CMM – and the very latest in gauging technology.

Surface finishes are checked using a Mitutoyo surface tester.

The accuracy of our CMM is three microns (three thousandths of a millimetre), guaranteeing the accuracy of our precision work and giving our customers complete peace of mind.

ASSEMBLIES & FABRICATION

Our other services combine to create a fully integrated process

Assembly

We are also able to offer a complete integrated process with our assembly and finishing services including: hardening, surface/cylindrical grinding, surtred/irridite/anodising and powder coating/wet spraying painting.

Fabrication

We offer fine limit sheet metal fabrication as well as light to heavy welding including tig, mig and aluminium.

- Laser cutting
- CNC punching
- CNC bending
- Welding and dressing
- Paint finishing

SOFTWARE

- Inspect 3D Pro
- MasterCam
- Solidworks Professional
- DraftSight

3D PRINTING

We provide 3D printing and prototyping capabilities via our Markforged Mark 2 3D printer.

Conflict Minerals Policy Statement

Saxon Engineering supports the ending of violence and human rights violations in the mining of minerals from the area known as the "Conflict Region" in the east of the Democratic Republic of Congo (DRC) and surrounding countries.

We have undertaken due diligence with our suppliers including the provision of written statements that if we had a need to purchase tin, tantalum, tungsten or gold, such purchases would originate from outside of the "Conflict Region".

Saxon Engineering will not purchase products that contain conflict minerals that directly or indirectly finance or benefit armed groups in the DRC or adjoining countries. Saxon Engineering expects its suppliers to these aspects of its business to only source minerals from responsible sources.

Bill Wilkinson
Managing Director
15/11/2016

Saxon Engineering Ltd. Is committed to managing all aspects of its business systematically. The Company's Quality Management System addresses all facets of Quality Management.

With respect to environmental management, we recognise that our activities interact with the environment and are committed to minimising adverse impacts and maximising positive impacts. This will be achieved through our commitment to:

- Comply with all applicable environmental legal requirements.
- Fully cooperate with any environmental initiatives or management systems operated by our clients on their sites.
- Review the actual and potential impacts of all activities, including those affecting our local community.
- Achieve continual improvement in environmental performance by:
 - o Understanding the relative importance of both environmental concerns (such as global warming and the reduction of biodiversity) and our environmental aspects;
 - o And by using this understanding to establish objectives, targets, improvement programmes and arrangements for monitoring performance.
- Employ best practice to prevent pollution, minimise waste and maximise the efficient use of resources.
- Identify and manage key risks and have arrangements in place to respond to all foreseeable accidents and emergencies.
- Involve employees in our environmental programmes and provide training to enable them to discharge their duties.

Every employee has an individual responsibility to help meet the requirements of this policy. All are to contribute ideas for better practices.

Managing Director Mr Bill Wilkinson

Policy Review Date: MARCH 2018

Call us on 01634 370023 or email bill@saxonengineering.com

RoHS2 COMPLIANCE

Statement Regarding RoHS 2 Compliance

To Our Valued Customer,

Saxon Engineering manufactures precision components made from a variety of metal, plastic, and elastomeric raw materials as specified by its many customers.

The purpose of this statement is to clarify the position of Saxon Engineering on compliance with "The Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (European Council Directive 2011/65/EU)," commonly referred to as "RoHS recast."

According to our suppliers and to the best of our knowledge, the raw materials and manufacturing processes used in the service delivery operations do not possess levels of cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyl (PBB) or polybrominated dipheyl ethers (PBDE) beyond acceptable limits as identified in the RoHS recast regulation. However, be advised that Saxon Engineering does not test products for these substances.

Thank you for your interest in Saxon Engineering. We look forward to continuing our support of your application(s). Please, contact us if you have any further queries

Kind Regards,

Managing Director Mr Bill Wilkinson