



# ETG TOOLMAKING MANUFACTURING SECTOR



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## ETG ARE YOUR TOOLMAKING SUPPLY CHAIN PARTNER

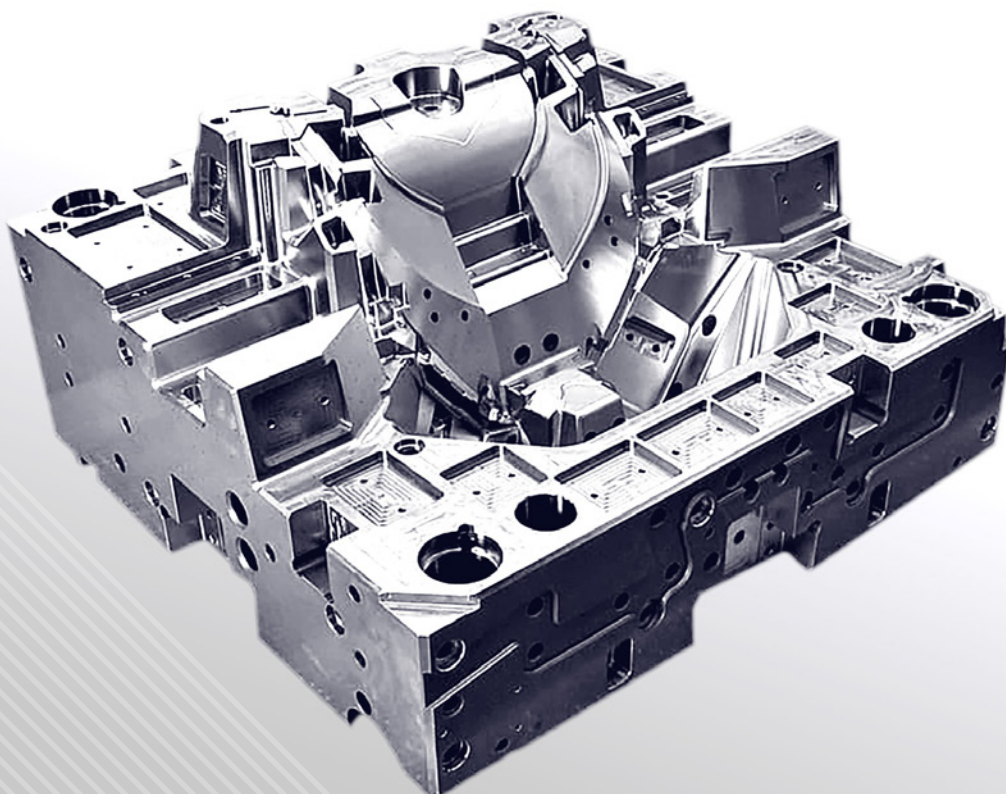
The toolmaking industry, whether it is injection mould tooling or punch pressing, is a sector that demands precision and adequate surface finishes like no other.

Equally, precision is a necessity to ensure that moulded or punched products meet the stringent quality requirements for large-scale production.

For these reasons, more manufacturers in the UK are turning to the cutting tool manufacturing solutions available from the Engineering Technology Group (ETG).

Within its vast armoury of industry-leading products, ETG presents the high-speed and ultra-precise machine tools from OPS Ingersoll that are perfect for the mould & die industry.

Complementing this, is the Mitsubishi range of EDM machines – so whether you are looking for EDM wire and die sinking, or if you are searching for the epitome of high-precision machining with unparalleled surface finishes, ETG accounts for all cutting tool manufacturing experts. Our technical partners continue to provide industry-leading solutions across various sectors, including automotive, medical, and aerospace.





## MITSUBISHI EDM

The mould & die industry demands the finest production quality, with components that require mirror finish surfaces, and parts that adjoin perfectly to constitute precision press or mould injection tools. It is here, that EDM technology from Mitsubishi exceeds the expectations of manufacturers. The Mitsubishi brand can be found in mould tool workshops, the subcontract supply chain, and as the choice of OEM manufacturers in every sector; from automotive, consumer goods, electronics, pharmaceutical and medical, to the food & beverage industry, and beyond.

The extensive range of Mitsubishi Electric Die-sinking EDMs, Wire-cut EDMs and fine-hole EDMs from ETG enhance productivity with high speed and a level of accuracy that makes work easier for both the first timer and long-term users of cutting machine tool technology. The Mitsubishi EDM range incorporates excellent manufacturing technology, such as the intelligent and powerful CNC system (which has functionality at its core), networking and Industry 4.0 enabled, crash protection, energy efficient drives, controls and generators for low-cost operation, and a 12-year warranty on positional accuracy. The benefits of the range are beyond comprehension – so why not explore them for yourself?



## QUASER

With its range of powerful, precise, robust, and highly productive machine tools; Quaser has a complete range of 3 to 5-axis vertical machining centres, pallet loaded machining centres, horizontal machining centres and automation cells that can deliver the productivity demanded by the mould & die industry.

As each of the machining technologies incorporates a multitude of options to deliver absolute flexibility for the end-user, Quaser machine tools can be found throughout the mould & die supply chain around the world. The Quaser range demonstrates exceptional power, flexibility and stability for everything, from light machining of profiles and features to the heavy-duty machining of large press tools, cavities and features that demand significant stock removal. In the UK, the Quaser's machine tools are one of ETG's bestselling product lines, which can be accredited to Quaser's ability to easily adapt to any machine shop, or product requirement.





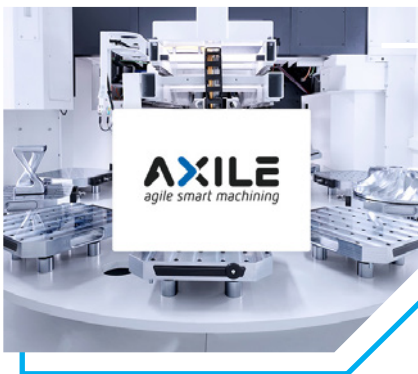
# TOOLMAKING PRODUCTION



### OPS INGERSOLL

OPS Ingersoll machine tools stand in a class of their own when it comes to high-speed machining centres and EDM technology. The machining technology and performance of the OPS Ingersoll range are evident, and for cutting tool manufacturers in the industry that demand quality, precision, and speed beyond the capabilities of a typical machine shop – OPS Ingersoll is the brand of choice.

What separates the OPS Ingersoll machines from others in the industry, is the gantry design and polymer concrete base that guarantees dimensional precision, dynamic rigidity, vibration damping, and thermal growth stability. In addition to the EDM tasks, it is also possible to automate the calibration of large and complex 3D components.

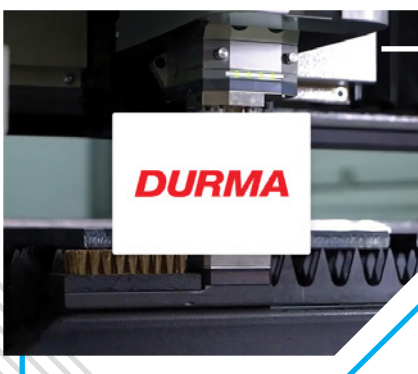


### AXILE

The AXILE brand of agile and smart 5-axis vertical machining centres, mill/turn and large bed double-gantry machining centres with leading digital automation solutions at the heart of the technology are the perfect choice for manufacturers in the toolmaking industry.

AXILE provides manufacturers of complex parts and components in the UK and Ireland a new level of Industry 4.0 technology while creating a sustainable operating business model by introducing the AXILE brand to the shop floor.

For the toolmaking industry, the large working envelope, and nimble and agile kinematics that combine with power, rigidity and speed deliver the perfect combination for the tool and mould-making industry. With AXILE's proprietary ART™ intelligent monitoring system, the brand can perfectly serve the UK's highly sophisticated mould and die manufacturers.



### DURMA

For the toolmaker that also manufactures the end product of pressed, punched or formed sheet metal parts, we even have this area covered with the arrival of the Durma brand. As a manufacturer founded in 1956 in Turkey, Durma has always been at the cutting edge of innovation and its product range stretches from servo, hydraulic and electric press brakes, laser and fibre laser cutting, bending centres, plasma cutting, guillotine shears, tube bending, punch presses and automated loading/unloading technology for lights-out production. All of this can be enhanced further with solutions to integrate multiple machines into a production line with sheet stacking, rotary tables, part ejection and pick to pallet, ERP and production planning integration, Industry 4.0 and Cloud solutions and real-time production analysis. So, if you are a full-service toolmaker from the press tool to the delivery of the end product – look no further than ETG.

# CONTACT ETG - THE MOULD-MAKING PRODUCTION, MACHINE TOOL SPECIALISTS

If you are a cutting tool manufacturer, or a company involved in tool and die manufacturing for the mould-making sector, ETG's principals will have a solution for your component manufacture. Please call 01926 818 418 to find out more or contact us via email.





# Making Engineers Champions...

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