



Design • Build • Maintain



Knight Precision Tooling

– designed to match your needs

With 30 years in the industry and a track record of meeting client requests within tight deadlines, Knight Precision Tooling is well positioned as one of the most capable and responsive tooling firms in the industry. This technical expertise is matched with unbeatable customer service and a project management approach to make us the place to go for all your tooling or machining requirements.



Service list

Our wide service range has been tailored to meet client requirements.

- Injection Mould Tooling
- Precision Engineering
- CNC
- Mould Manufacture
- Mould Import
- Mould Repair
- Bespoke Jigs, Press Tools & Fixtures
- CAD/CAM
- 3D Design
- Spark Erosion
- Storage & Distribution
- Project Management



Product

We feel quality and value should always go hand in hand. We are proud to be very competitive on price, but we are more proud that our engineering solutions offer such a standard that our manufacturing clients are guaranteed successful application. We offer complete CAD/CAM and 3D design support for our clients. From design to prototype and testing to manufacture, we have everything required to match your needs.



Capacity

We have the state-of-the-art facilities, the talented people, the high-grade equipment and the passionate drive to ensure your project succeeds, regardless of its scale. Our machine list is impressive and growing all the time, and our facility has a proven history of taking on multiple engineering and tooling projects simultaneously without any affect on quality or deadlines. We can also offer support from our partners in the Far East.



People

By hiring experienced engineers with varied real-world manufacturing and tooling backgrounds, you can be assured that our teams understand your industry and your technical language, and are able to offer you practical support along every step of our processes.

Flexibility

React and perform – that’s what our customers demand in the real world of manufacture, and it’s what they’ve come to expect from Knight Precision Tooling. Everything we do is designed to match your needs.

Working with...

Our clients come from many different industries and often have very different requirements. We’re able to service those looking for anything from micro-tooling equipment up to multi-tonne devices, and offer industry-leading design and support to those clients who come to us with an idea or objective which they wish to bring to life.

Purchasers, engineers, designers, production managers – all benefit from Knight Precision Tooling’s great value, special technical capabilities and advice and support.

- Manufacturing
- Injection moulding
- Tooling industry
- General engineering

Focused on...

Customer service

We’ve made our name in this industry on our customer service. To us it’s not just about a friendly attitude on the telephone (although that always helps!); it’s about offering openness and support at every step of a project, from the initial discussions to technical design and ongoing maintenance. We want our customers to feel like they’re in a partnership with us, as we share common goals for our business’ success.

Value for money

Reasonable prices shouldn’t mean unreasonable quality. We understand as well as you do that if the tools you’re using aren’t up to the job, then your products won’t be as good as they can be.





What we do



Tooling

Our tooling products help keep UK manufacturing working. Our capacity is impressive on any scale – from micro-tooling to tools of 20 tonnes or more. We can design and manufacture a versatile range, and offer services including tools for injection moulding, metal pressing, compression, die cast, wire erosion and spark erosion.



CNC (Computer Numerical Control)

Our significant investment in automated state-of-the-art engineering machines means we're now able to offer complete 5-axis machining. Our CAD/CAM and 3D design capabilities integrate with this high-end machinery, so we can give you intricate, precise solutions to your engineering and manufacturing needs.



General Engineering/Conventional Machining

Our tooling skills are entirely transferrable to general engineering, and we find that many customers have ancillary requirements for more conventional machining. Our capability means that we are able to keep greater control of projects in-house, leading to better value for you. Services include grinding, drilling, turning and milling, with bespoke jig and fixture manufacture.



CAD Design



Support, Service, Maintenance & Repair

24 hours a day, 356 days a year – our technical teams are on call at any time to offer a wide range of supporting services. This includes product support, process support, tool service, maintenance and repair, in addition to subsequent tool modification where required. Our design and manufacture stage is only the beginning of the partnership we enjoy with our customers.



Project Management

Taking the challenge out of running your manufacturing project, Knight Precision Tooling can offer a comprehensive project management service which really puts our competitors in the shade. We have systems in place to manage and analyse quotations, plan project timelines and contingencies, analyse product/tool performance and give regular photographic project updates until tool approval and beyond.

In addition to weekly update meetings and visual evidence of progress, we are able to offer video conferencing where desired.

Machine list

SPARK EROSION

Top EDM 600: EDM 75amp - full orbit

Agie Innovation: full CNC, 16 position

Mecrode MINIM 600

WIRE EROSION

Agie Agiecut Classic: wire erosion, PEPS control

Reninshaw Probe

2499x24" Granite Inspection Table

MILLING

KRV 2000 - full DRO

Bridgeport - full DRO

Elite: turret mill 14" x 60" - DRO

Deckel

GRINDERS

Jones & Shipman 540P - DRO & Optidress

Jones & Shipman 540P - with diaform

Jones & Shipman 540P

Okamoto 1000ST

TURNING

Colchester Student 1800

Colchester Triumph 2000

Colchester Bantam 2000

Matrix cylindrical grinder

HIGH SPEED 5-AXIS CNC

Hardinge Bridgeport

Full Reninshaw Probe System Omi 2t

QUALITY ASSURANCE EQUIPMENT

Reninshaw Probe

2499x24" Granite Inspection Table

LIFTING EQUIPMENT

20t crane with 2x 12t heads

2.5t Hyster fork lift

CAD/CAM

Solidworks: 3D Modelling

Delcam: Power Mill

Delcam: Power Shape 3D Modelling

MISCELLANEOUS

Startrite vertical bandsaw 12" x 18"

Fobco 16-speed pillar drill

Vost multi-swivel radial drill

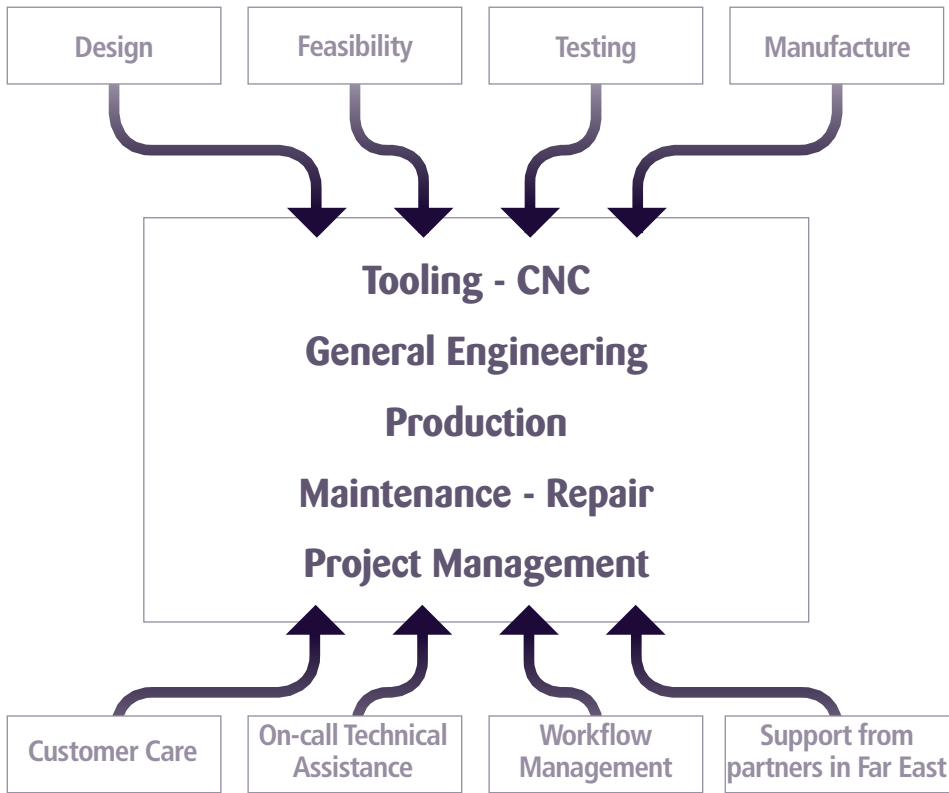
Abrasive/bead blast cabinet

Sturtz saw

Pantograph

Garrett radial arm drill

Support at every step



Caring for...

Our community

We don't just want to work in our community; we want to be a part of it. That's why we employ local designers, engineers and operatives, using local suppliers where possible. It's why we support local charities and sporting groups with sponsorship and assistance.

It's also why we support our staff in their own charitable endeavours, and offer regular and ongoing training for all our people. Together, we're making our community a better place to live and work.

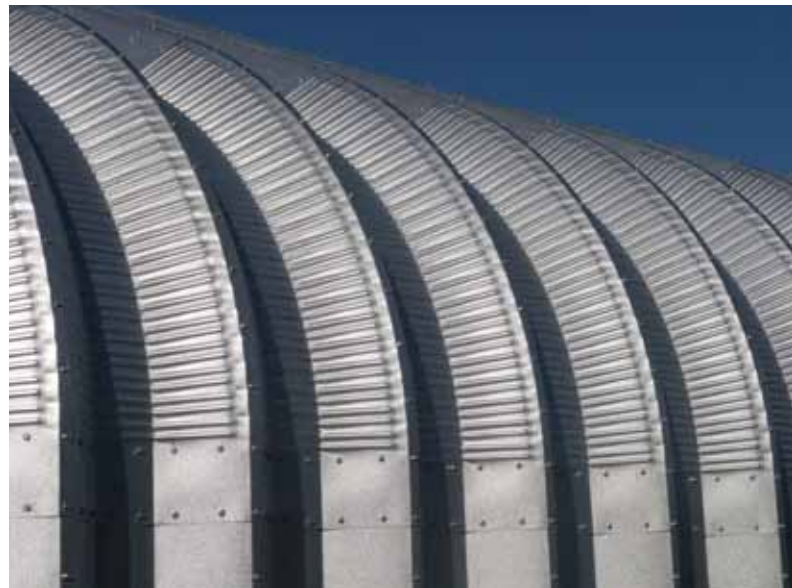
Our environment

Our processes are energy-efficient, as are our machines and even our offices and production facilities.

Our commitments to caring for the environment go further than our own business practises. We understand that your business has environmental concerns also, so we work with you to ensure our services and designs help you to reach your sustainable goals in terms of waste, manufacturing energy consumption and determination to mitigate use of hazardous materials.

Our customers

Customer care is what sets us apart from our competitors. The majority of our business is built on returning customers, who get what they want from us and appreciate our honesty and openness in terms of the practicality of their requirements. We work with customers to get the results they're after, offering advice and support along the design and manufacture process. We understand what it takes to produce the results you desire, so you can rely on us to look at the big picture and make sure you're getting exactly what you want.





Call

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Visit us online

Visit our website to see detailed information about our products and to download technical drawings.
www.knightprecisiontooling.com



Sales

If you would like to receive a quote or would like to discuss a project with us then please e-mail:
sales@knightprecisiontooling.com

