

2023 Edition



DISCOVER >>

“ THROUGH DEDICATED CUSTOMER FOCUS,

EXECUTIVE SUMMARY

G.K.M (Aerospace) Ltd specialise in Business-to-Business Manufacturing, supplying turnkey solutions to leading OEM's and tiered suppliers based on the latest technology. Utilizing state-of-the-art software and machinery operating a multi shift capacity facility, ensuring production quantity manufacturing is delivered on time, every time. G.K.M also undertake R&D/proof of concept manufacturing ensuring all customer requirements are achieved.

Our mission is to provide leading OEM's and tiered suppliers with the finished components required at extremely high levels of quality.

Based in Essex, with great transport links to the M25, M11, A14 and M3 allowing for both local, national and international distribution.



BUSINESS OVERVIEW

G.K.M (Aerospace) Ltd holds over 40 years' experience supplying leading manufacturers within the aerospace, defence and communications sectors – GKM proudly acclaim to be the foremost company for precision engineering within these sectors. With low staff turnover, our highly skilled and dedicated workforce ensure customer requirements, however intricate or complex, are met from the outset.

G.K.M (Aerospace) Ltd have the capability to transform the most complex engineering drawings and models into flawless precision components utilizing our in-house CAD/CAM software department. Offering a flexible approach in assisting multiple industries requiring the uppermost level of precision and accuracy using a range of materials including composites, aluminium, steel, invar, castings, titanium and other exotics.

- ESTABLISHED IN 1979
- Over 40 YEARS EXPERIENCE
- 15,000 SQ. FT. STATE OF THE ART FACILITIES
- 25 HIGHLY SKILLED STAFF MEMBERS
- MULTIPLE SHIFT PATTERNS (8 HR)
- THE LATEST PRODUCTION TECHNOLOGY
- SUPPLYING MAJOR AEROSPACE COMPANIES
- COMMERCIAL AIRCRAFT, SPACECRAFT, DEFENCE

Accreditations

- BSI EN 9100 – 2018 & ISO 9001-2015: FM11462
- BOMBARDIER APPROVAL: SB/VC/332
- BAE SYSTEM CERTIFICATE: BAE/AG/10758/MAA
- AIRBUS UK APPROVAL: AUK/SA/10070



ORGANISATION STRUCTURE

G.K.M (Aerospace) Ltd have increased staffing levels to 32 full time members, each member plays an intrinsic role within the company forming continued success and development.

We undertake collaborative working to enhance productivity, ensuring lean manufacturing and competitive pricing without diminished quality.

ALLEN KNIFE
MANAGING DIRECTOR

ROBERT BENNETT
QUALITY-HSE MANAGER

ALAN EAGLESTONE
ENGINEERING&TECHNICAL
MANAGER

OANA TURCU
OPERATIONS MANAGER

JODIE TERRY
PA/ACCOUNTS MANAGER





ENSURE LONG TERM SUSTAINABLE
GROWTH IN REVENUE AND EXPAND
PRODUCTION OUTPUT OVER
MULTIPLE SECTORS



VISION

To significantly grow a portfolio of both existing and new customers over the next Three years and beyond; resulting in revenue growth, ensuring cutting edge software and machining capabilities are regularly invested and updated supplying complete turnkey solutions within the supply chain.

To be delivered by following a strict code of conduct based on 6 business attributes identified below.

- FUNDAMENTAL UNDERSTANDING OF CUSTOMER'S REQUIREMENTS.
- DELIVERING TO AGREED AGENDAS.
- LEAD TIME OPTIMISATION.
- EXCELLENT CUSTOMER SERVICE LEVELS.
- QUALITY OF MANUFACTURING.
- DIVERSIFYING MARKET AUDIENCE.



CAPABILITIES



CNC TURNING

Our Turning capabilities range from 1mm – 470mm diameters, with the ability to operate to micron tolerances. Turning packages from 1 off bespoke and prototype parts to large barfeed production batches, specialising in machining a variety of exotic materials including Inconel's, Titanium's and Nimonic as well as all other aerospace and commercial materials.



CNC MILLING

From basic 3 axis, completely through to sophisticated 5 axis simultaneous CNC Milling, GKM Aerospace have the knowledge, experience and capabilities to produce high quality machined components. New investments widening capacity allows GKM Aerospace to offer envelope sizes of 3200 x 2000.



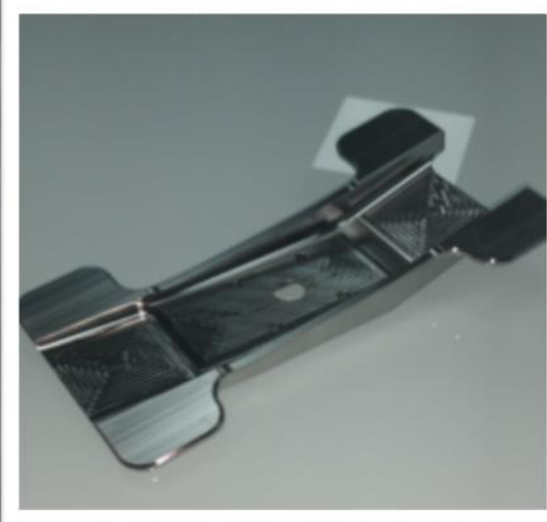
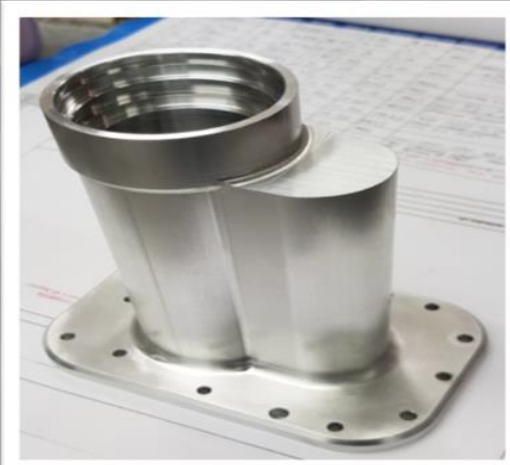
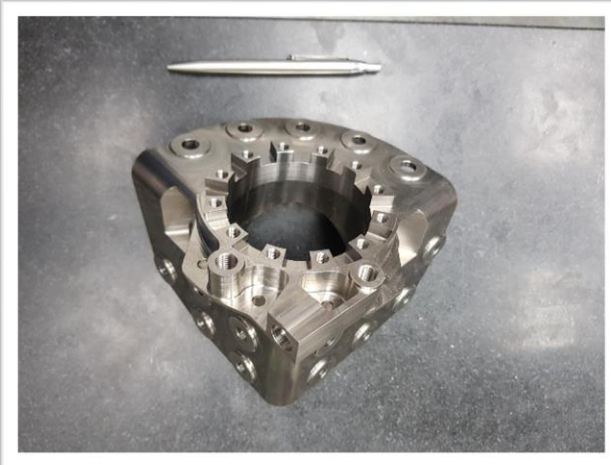
CAD/CAM

Improved control, understanding and run time of your components while eliminating scrap and lengthy lead times are standard practice at GKM Aerospace due to our in-house dedicated CAD/CAM system with seamless integration allowing both real time and offline programming.



TURN - KEY

GKM Aerospace have everything in place to manufacture, assemble, and package your components, ready to ship directly to your customers. Understanding every detail of your project is why we hold the ability to seamlessly deliver a product your customers know and trust. Consolidation of the production process results in cost reductions allowing a direct approach to faster market placement.



 **GKMAEROSPACE**
INNOVATION • QUALITY • PRECISION

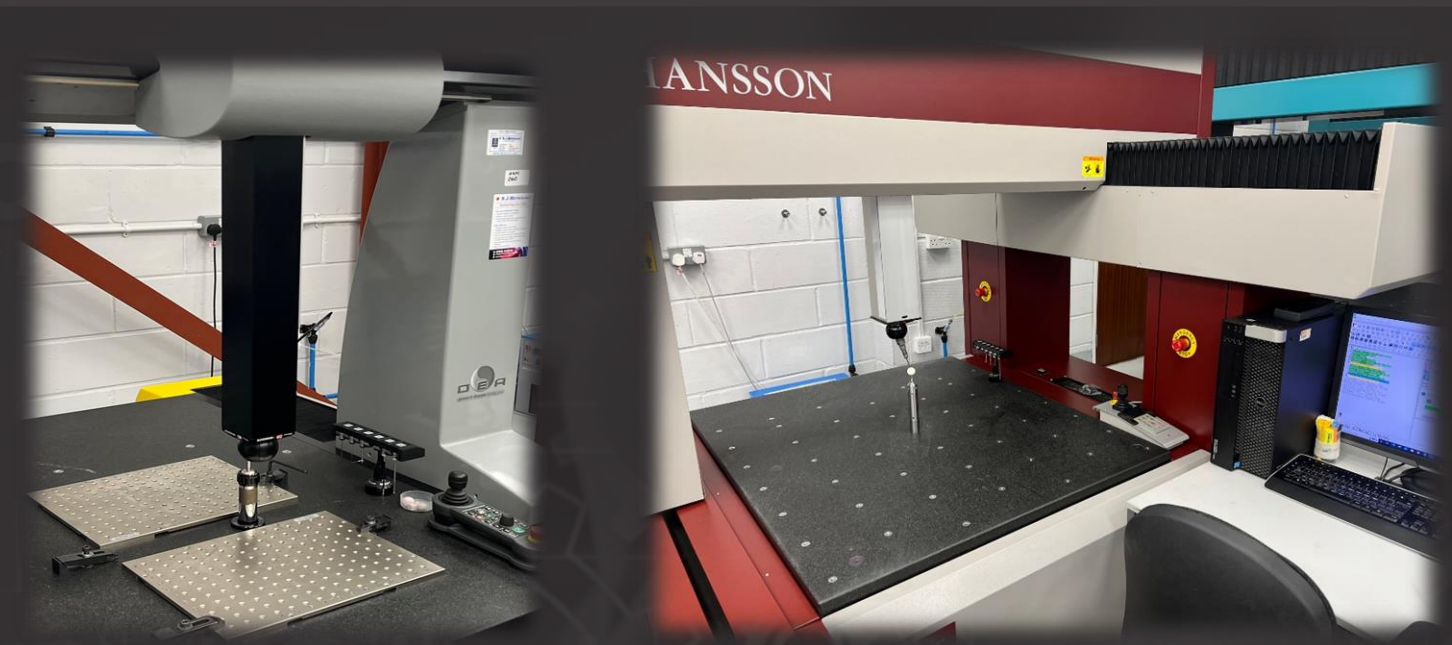




New Inspection Department

In 2022 GKM Invested in a new inspection department with one of the largest CMM's in the UK. This enables GKM to Inspect in house our largest parts being manufactured on our new 5 Axis 3.2MTR machine.

This All new Inspection department is temperature controlled.





EQUIPMENT/PLANT LIST

Investments of over £2m in equipment and facility upgrades from 2016 – 2022 have allowed G.K.M. (Aerospace) Ltd to stay ahead of the manufacturing curve, allowing for adaptation of new programs and machining techniques, ongoing re-investment into machinery and development projects are a key driver in the success of G.K.M. (Aerospace) Ltd.

Resource ID

Traverse / X Y Axis

Inspection

CMM Saphir	1000mm x 1000mm x 600mm
CMM Global	700mm x 700mm x 700mm
CMM WENZEL LH2015	3000mm x 2000mm x 1500mm

5 AXIS CNC Mills

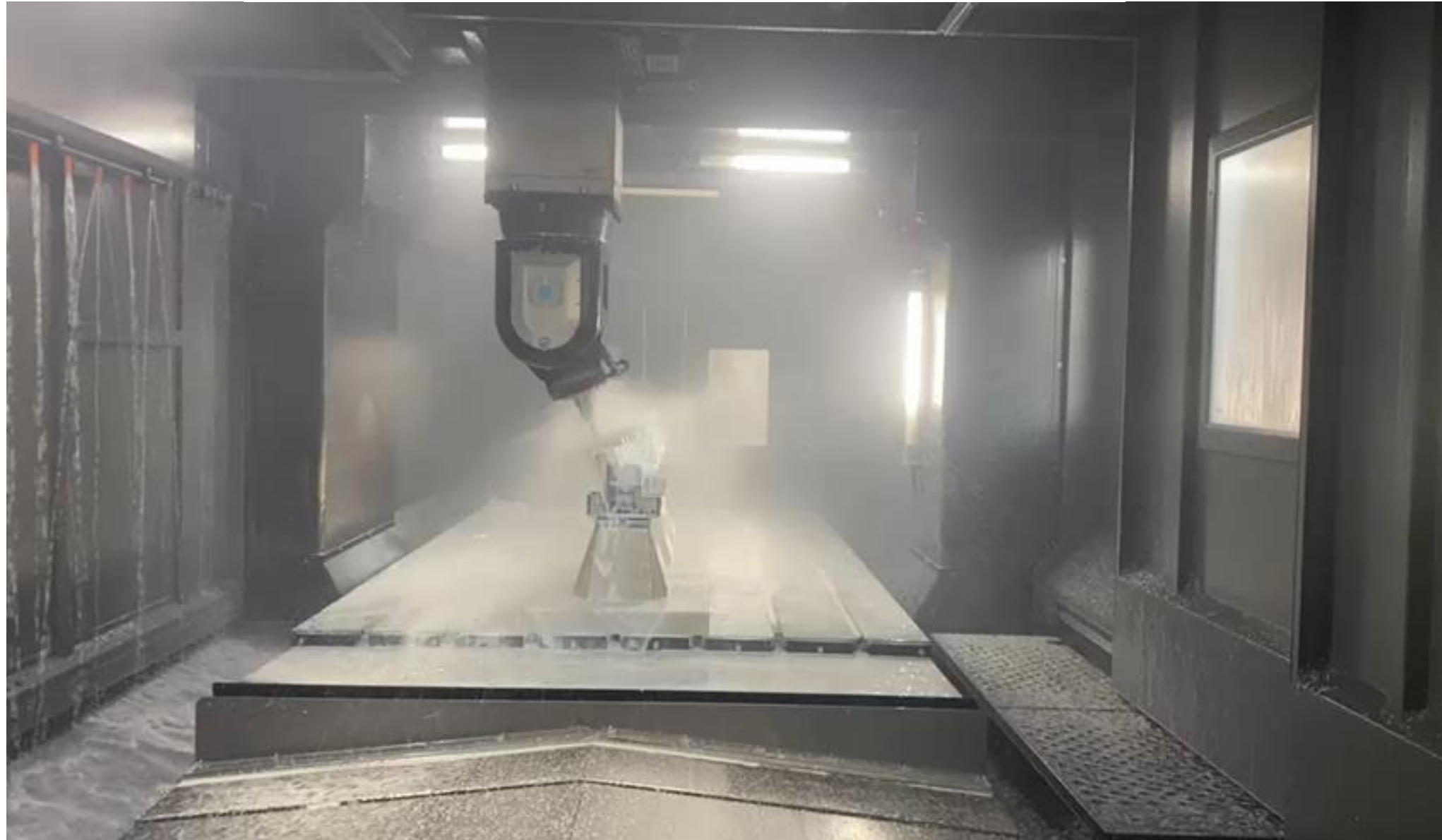
HURCO DCX32-5Si (5 Axis)	X 3200mm Y 2000mm
HURCO DCX32-5Si (5 Axis)	X 3200mm Y 2000mm
HURCO VMX 60 SRTi (5 Axis)	X 1500mm Y 660mm
HASS VF2SS (5 Axis)	X 760mm Y 400mm
HASS VF2TR (5 Axis)	X 760mm Y 400mm
HAAS VF5-1300x600 (5 Axis)	X 1300mm Y 660mm
HASS VF9-2130x1000 (5 Axis)	X 2130mm Y 1000mm
HURCO VMX42SRTi (5 Axis)	X 1066mm Y 610mm
HURCO VM1OU (5 Axis)	X 533mm Y 400mm
HURCO VMX 30Ui (5 Axis)	X 760mm Y 500mm

CNC Mills

Dugard Eagle -660x400 (FANUC)	X 660mm Y 400mm
Dugard Bridgemill-2200x1500 (FANUC)	X 2200mm Y 1500mm
Dugard HD 2210	X 2200mm Y 1000mm
Dugard Eagle -850x500 (FANUC)	X 850mm Y 500mm
Dugard Eagle -4axis -850x500 (FANUC)	X 850mm Y 500mm
HAAS VF4-1300x500 (FANUC)	X 1300mm Y 500mm

Turning And Manual

Dugard Eagle 100 (Barfeed Short)
Dugard Eagle 100 (Barfeed Short)
Dugard Eagle 30
Grinding (Surface)
Hyundai SKT 21 LMS Multi Axis
Hyundai SKT
Manual Mill-850x350



OUR CUSTOMERS

For over 40 years G.K.M (Aerospace) Ltd have developed strategic partners with leading OEM's and tiered suppliers within the Aerospace, Space, Defence and Communication sectors.

Continual learning and collaboration has provided cost reductions, heightened service levels and reductions within lead time.



We thank you for your interest.

GET IN TOUCH

For more information or to discuss your next project, please contact one of the G.K.M (Aerospace) Ltd team. Alternatively connect on LinkedIn and see all our developments.

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