

Ideas become reality...
from design, to full production and distribution.



	0.0000	-0.0000	-0.0000
Distance 10	0.0187	-0.0000	-0.0000
Distance 11	0.0000	0.0000	0.0000
Point 12	-0.1525	1.4980	
Plane 13	-0.1728	-0.8998	
Distance 14	0.1215	0.0000	0.0000
Distance 15	2.0747	0.0000	0.0000





GOOD PRODUCT IDEA, BUT NEED:

CONCEPTS? PROTOTYPING? COMPETITIVE MANUFACTURING?
CERTIFICATION? AGGRESSIVE GLOBAL PURCHASING? MARKETING?
SALES CHANNEL DEVELOPMENT? DISTRIBUTOR RECRUITMENT?

Vision Engineering is a privately owned multinational group, founded in 1958. Over 50 years of experience in the design, development & exploitation of high tech instrumentation has led to:

- Extensive design & prototyping capabilities
- Multinational manufacturing, with state-of-the-art factories in the UK (2 sites) and the USA
- Purchasing, logistics & warehousing in multiple countries across the world
- An in depth knowledge and proven experience in marketing & distributing high tech products & services worldwide.

Vision Engineering Manufacturing Services is a division of the Vision Engineering Global Group

Vision Engineering Manufacturing Services offer comprehensive design, manufacturing and commercialisation packages, up to the minute technology and access to experienced, professional engineers. A project management team coordinates customer requirements, from bespoke prototypes, through to mass production projects and all aspects of purchasing, shipping and subsequent marketing. Some customers use only a single part of Vision Engineering's capabilities, other take advantage of the full service package. The customer chooses from a menu of services including:

Design

Vision Engineering Manufacturing Service's extensive design team are highly experienced in all aspects of design for manufacture, including specialisation in opto-mechanical, mechanical and electro-mechanical design, styling and packaging, utilising various manufacturing processes including:

- Metal castings, including sand, investment and pressure die
- Plastic mouldings, including injection and compression
- In-house specialised 3D CAD design & modelling tools
- In-house electronic PCB & component design
- Full in-house rapid prototyping, making the design process fast and flexible.



Purchasing

In order to maximise quality of parts for price, Vision Engineering's British, American, Chinese and Japanese purchasing teams invest time in the worldwide sourcing of components, materials and parts, making sure quality and compatibility are optimised for successful manufacturing. Collectively, the global purchasing team successfully source an extensive range, including:

- Electro-mechanical, opto-mechanical components and assemblies
- All raw materials
- Tooling for moulding and casting
- Packaging
- A wide range of non stock items and services

Machining/Manufacturing/Assembly

Manufacturing is controlled through an MRP/ERP system integrating fundamental business elements from Sales Order Processing to Production Control. Vision Engineering benefits from:

- Wholly owned Machining and Assembly in the UK or USA.
- A comprehensive and skilled tool making workshop.
- An extensive range of manual and CNC mills and lathes.

With a large range of machinery sited in Surrey, UK in Connecticut, USA, Vision Engineering routinely machine a range of materials including aluminium, iron, stainless steel, bar, extrusions and castings, nylon, ceramics, glass and more.

A large team of skilled assembly staff in the UK in state-of-the-art facilities with dust-free temperature controlled calibration. Manufacturing enables products to qualify as of British Manufacture in the USA ensures the "Made in America".

and
a vast
steel, brass
and plastic.
UK and USA work
clean rooms and
manufacturing in the UK
British or EU manufacture.
that products can quality as

Quality

A total quality management system and certification to ISO 9001:2008 enables Vision Engineering to maintain and measure all processes. The Quality Team ensures all directives are adhered to, including WEEE and RoHS. Continual improvement from measured processes allows the quality team to deliver outstanding reliability, with expertise and tools to inspect and measure component parts, so final assembled products are despatched ready to use. Products are manufactured and tested to CE/UL/CSA standards, where required.

Final Test & Despatch

Vision Engineering, in the UK and USA, run a dedicated pre-despatch department ensuring tested products are sent out with specific packaging regulations and certificates of origin, along with external inspection, where recommended.

Logistics and Shipping

Highly experienced multinational teams ensure products are delivered all over the world by sea, air or road within specified time frames. Incoterms, CIF and variants are all part of the logistics handling at Vision Engineering overseas facilities.

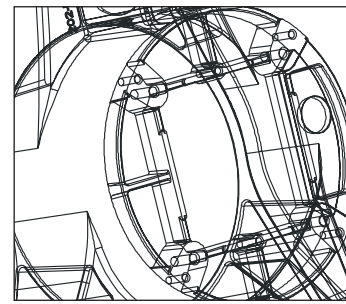
Finance

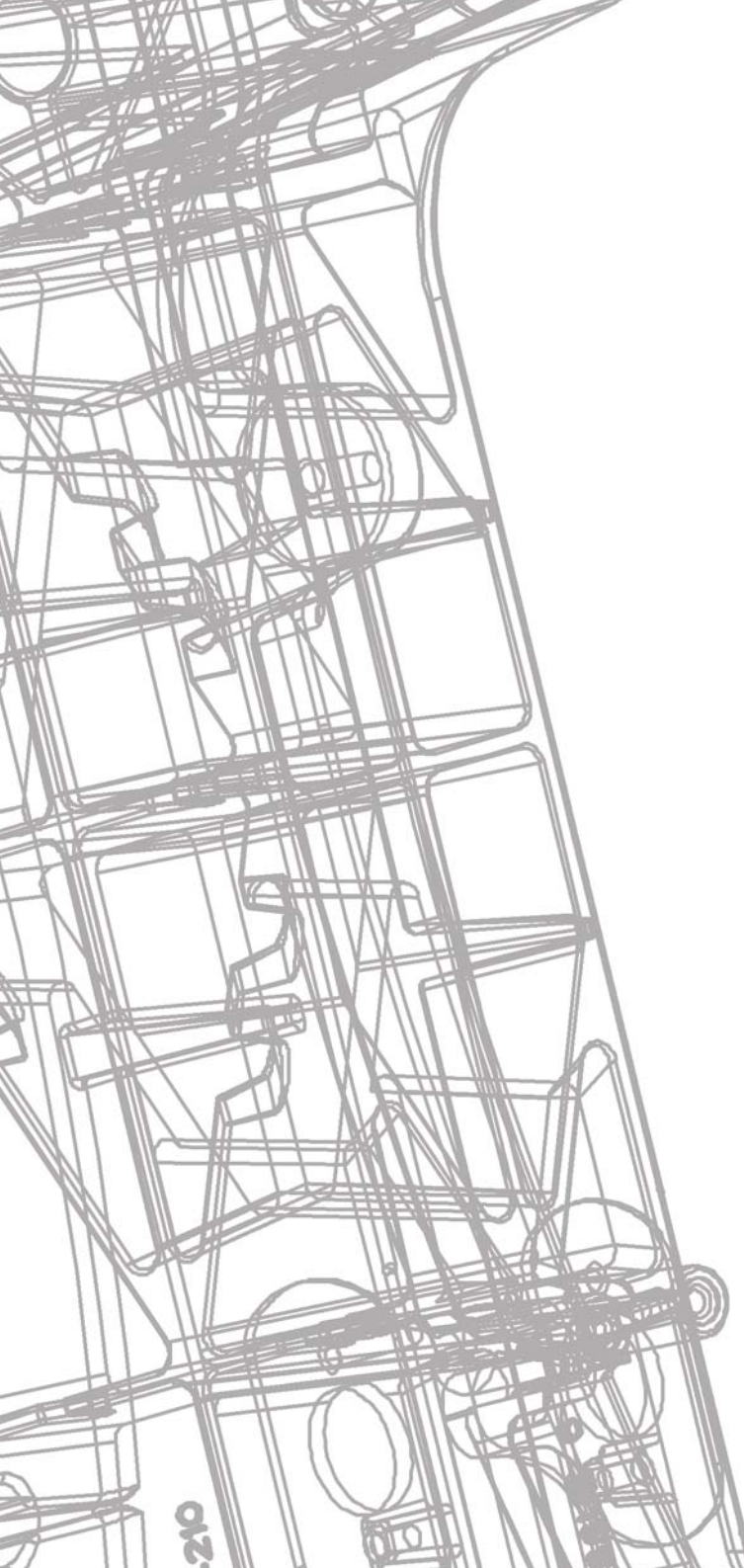
With branches and distributors all around the world, Vision Engineering's finance team are fully conversant with all financial related transactions from global customer financial approvals to multiple currency payments.

Marketing

Vision Engineering Manufacturing Services offers a full range of international marketing activities. Marketing teams are based in the UK, USA, Germany and Japan. Activities range from advertising and PR to the production of technical multilanguage user guides. Specialised activities open to Vision Engineering Manufacturing Services customers include:

- Website design and generation
- Worldwide telemarketing activities
- Market research and competitor analysis.





VISION ENGINEERING MANUFACTURING SERVICES HAS HELPED THE FOLLOWING CUSTOMERS DEVELOP AND EXPLOIT THE POTENTIAL OF THEIR IDEAS...

Forevermark is part of the De Beers Group of Companies. Forevermark commissioned Vision Engineering Manufacturing Services to design and manufacture a Diamond Viewer. The Diamond Viewer is a highly innovative solution used internationally by high-end jewellery outlets, to show the Forevermark icon and inscription on the table facet of a Forevermark diamond.

Find out more at:
www.visioneng.com/manufacturingservices

Crafford LaserStar Technologies Corporation designs, manufactures and sells a leading range of Nd:YAG pulse laser systems for micro-welding and marking applications. Crafford LaserStar approached Vision Engineering to provide them with an ergonomic microscope for their range of welders.

Find out more at:
www.visioneng.com/manufacturingservices

Vision Engineering was approached by Surface Control, a company that was spun off from the Trevor Baylis Brand stable which commercialises patented technology. Surface Control had conceptualised the Slip Guardian opto-mechanical instrument for measuring the safety slip coefficients of floors in hospitals, supermarkets, schools, airports etc.

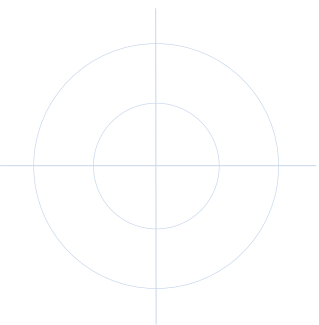
Find out more at:
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Historic Steam Models Ltd manufacture scale, authentic and historic working model steam engines, which are supplied to enthusiasts, both completed and kit form.

Previously a two man company, HSM required their products to be reversed engineered, updated and to have substantial cost removed.

Find out more at:
www.visioneng.com/manufacturingservices





Vision

ENGINEERING

MANUFACTURING SERVICES

VISION ENGINEERING MANUFACTURING SERVICES

Vision Engineering Manufacturing Services has a global network of offices, manufacturing facilities, warehousing, subsidiaries and representative offices around the world. For more information, please contact your Vision Engineering subsidiary, or visit our website: www.visioneng.com/manufacturingservices

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www.visioneng.com/manufacturingservices



Vision Engineering Ltd has been certificated for the quality management system ISO 9001:2008.