



EURO
PRECISION

Consistency, quality and traceability are all hallmarks of the Euro Precision product



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Design
Prototype
Evaluation
Production

Euro Precision provides a high-skill source of high integrity components using a wide range of metallic and non-metallic materials. Our production capability includes both conventional and CNC milling & turning which is complemented by a full quality control and inspection capability. We pride ourselves on forming partnerships with our clients, often adopting proactive design partnerships, to meet and exceed the demands of today's integrated supply chain solutions.

We make problems a challenge and the solutions simple.





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CNC 5 Axis Milling

Euro Precision produces complex components for aerospace, the automotive industry and for motorsport using our sophisticated 5 axis machining centres.

Our technicians understand the stresses our components are likely to endure therefore they are machined to the highest possible quality standards and exacting specifications.

Prior to full production runs, our production engineering department works with your designers during product development and prototyping to ensure that we develop a final product that meets your cost and performance criteria.

We can machine very complex parts on our 5 axis machines which allows for increased productivity through "one hit" machining of multiple operations.

All our machining centres are supplied by Matsuura, who are recognised as the industry standard for precision machine tools.

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Sliding Head Turning

At Euro Precision, the latest technology Sliding Head CNC lathes are at your disposal. With outstanding quality our production facilities are hard to beat and our investment in Deco Tornos and Star machinery is over £500,000 to date. We are confident that the combination of our experience and our highly skilled workforce offers customers an exceptional service.

Our production facilities run 18 hrs per day providing sliding head components up to 32 mm diameter in batch sizes of 10 to 10,000. The versatility and power of these machines is sophisticated enough to produce very complex components.

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Quality/Inspection

Euro Precision works to the highest industry standards as demanded by our BS EN ISO 9001/2008 accreditation. Quality remains paramount to the Euro Precision ethos and in addition to this commitment we are in the process of working towards our AS 9100 accreditation which is scheduled for completion at the end of 2010.

Our quality and inspection team monitors all aspects of manufacturing which ensures we maintain and exceed the high standards our customers expect.

At every stage of manufacture including administration, purchasing and project engineering to the all important team who implement a production run - there is support for the machinist. This is the point at which component quality is determined. We have empowered our people and implemented systems and processes to assure Total Quality.

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Solid Model Machining/Cam Software

Euro Precision is an established user of Gibbs CAM which is a leading 3D modelling based CAM package designed for machinists.

Powerful software combined with high production experience gives our design engineers the flexibility to programme to exacting customer standards.

Working from customer supplied drawings or models we test and prove complex 5 axis tooling and machine kinematics on screen in order to aid productivity.



All machining programmes are held electronically on our server with back-ups stored securely off site and Euro Precision is able to accept files from all major brands of CAD systems including DXF, IGES, 'Parasolid' (*.x_t), 'Solidedge' (*.par), 'ACIS' (*.sat) and 'Solidworks' (*.sldprt), Catia V4, V5. The ability to read solid model data means the company has the technology to offer a complex 2D and full 3D machining service (e.g. 3D shapes and moulding dies to 62HRC)

For further information on how Euro Precision is able to assist with your specific requirement please contact us.

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Other Services

Working in close partnership with customers, Euro Precision is highly experienced in providing innovative design & product development through to full production capacity if required.

A key facet of the company is that we also undertake prototyping on a regular basis.

Euro Precision also provide complementary services by member companies within the Torrance Group. We can also offer local fabrication expertise allowing Euro Precision to supply a one stop service for customer's manufacturing requirements.

Within our own extensive facility we offer additional quality engineering services including assembly, wire and spark erosion.

We can provide ample space for small assembly lines and we frequently supply finished assembly and testing to comply with customer requirements.

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