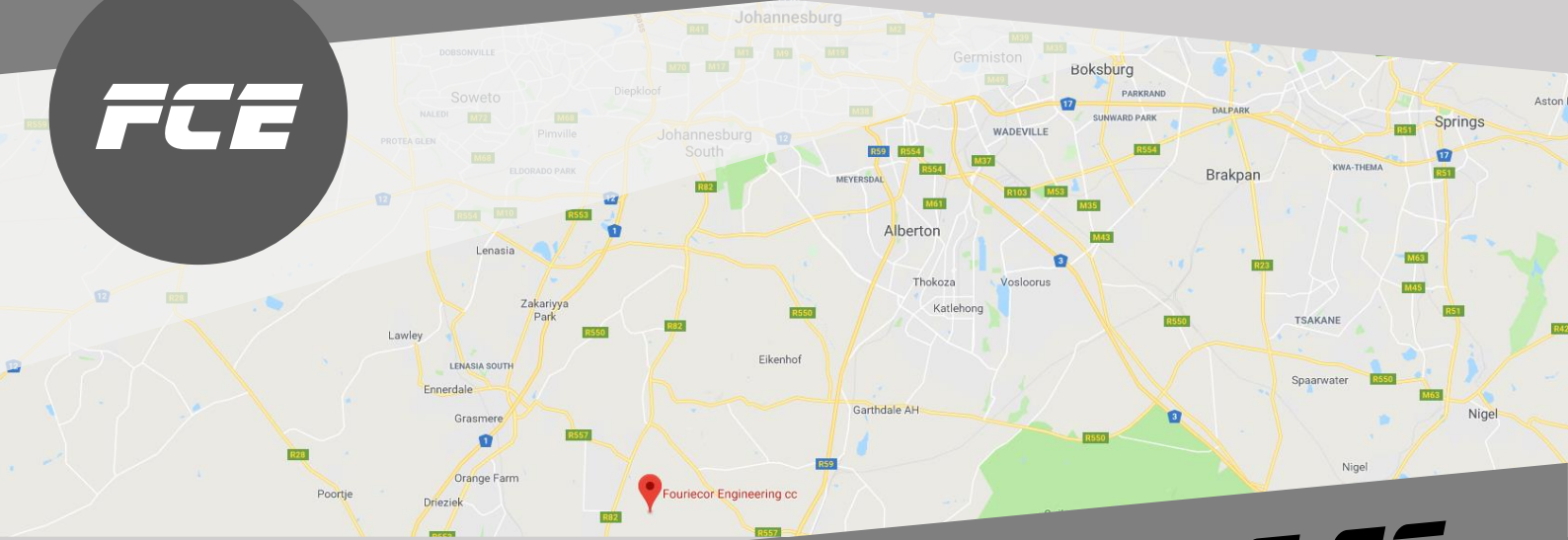




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FOURIECOR ENGINEERING CC

Company Portfolio

We are an Engineering Company that was established in 1996, we started off as a Sole Proprietor, contracting for another Company, enabling us to purchase our own machines, and becoming the successful company we are today. A hands-on, family owned business, our Company is now run by two of our skilled members with a combined 58 years' experience in Engineering and Tool Making.

Fouriecor Engineering specializes in design and manufacture of tooling including foundry tooling, injection moulds, assembly tools, jigs, fixtures, gauges, and 3D printing (for sample/prototype purposes). We also offer other modifications to existing tooling to optimize methods and gating, and repairs to worn or damaged tooling, prints and components.

We strive in handling projects of any size and scope.

Fouriecor Engineering is located South of Jo'burg and proudly serve clients in the Gauteng region. Contact us today with your project and we will assist you promptly and efficiently.





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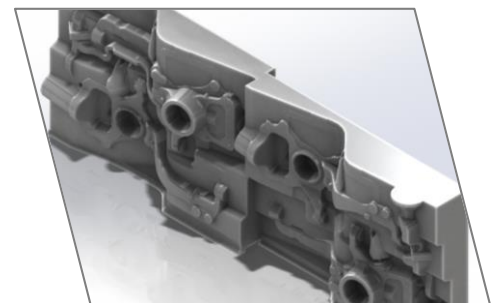
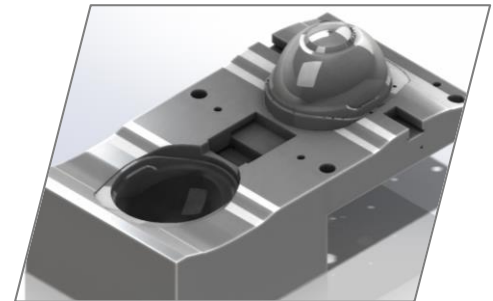
3D Design Development (CAD)

Expertise

With CAD (Computer Aided Design), we often find that there are no up-front investments within the Company, Fouriecor Engineering will develop an initial concept or drawing to stimulate Ideas and Discussions. Utilizing the latest 3D Design technology, all parts are first 3D designed to suit customer specifications and applications, and then 2D drawings are released for customer approval and records. All subsequent tooling designs are generated from the approved part CAD design.

We also offer 3D scanning of parts, either in-house or subcontracted, for parts big or small to reverse engineer parts for customers with ideas or prototype parts, looking to get their parts onto 3D CAD systems and 2D drawings.

Fouriecor provides the most proficient and skilled design and engineering services available. We offer full design, prototyping, consulting, research & development, engineering and reverse engineering to customers in every industry.





CNC Programming (CAM)

Expertise

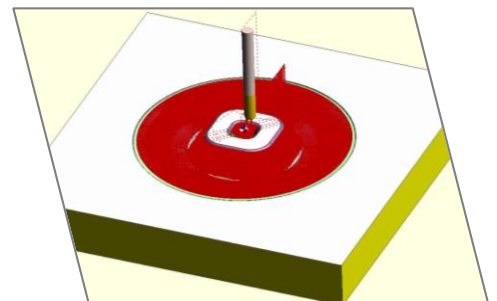
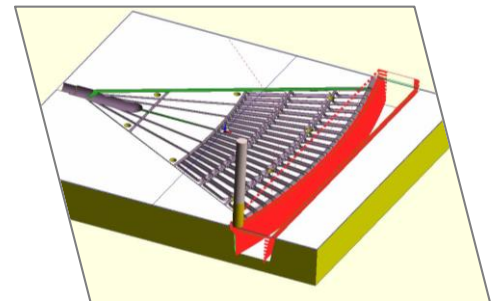
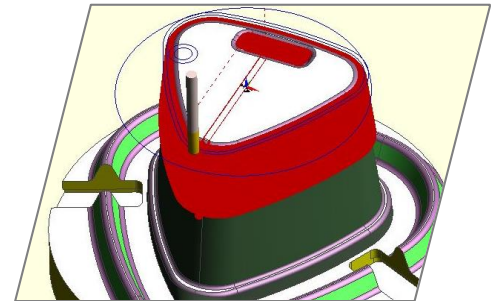
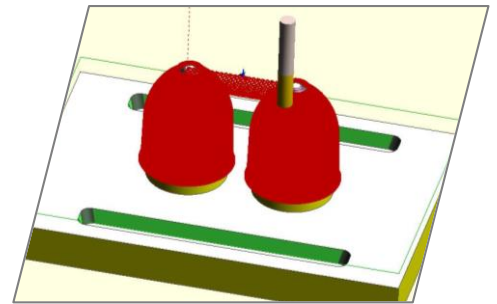
With CAM (Computer Aided Manufacturing), when you need a CNC Program for your machine Fouriecor Engineering can assist.

With over 20 Years programming experience, we offer CAD/CAM/CNC programming services for all types of milling machines and lathes. We are experienced with milling, turning, wire EDM, and laser profiling.

We offer CNC programming services and can provide a G-code program for a computer part, or single feature. Working from a CAD model, we will generate a tool path for your job, and output a CNC program that will run on your machine. Additionally, you will be supplied with a setup sheet, showing cycle time, a tool list, and part setup information.

Our Current expertise is with Siemens, Fanuc controllers and C-TEK controllers, but we accommodate any other controllers if required.

Whether you have one job or several, please contact Fouriecor to discuss your CAM programming needs.



Various Materials & Machining

Capability

We have the ability and equipment to build tooling from a wide variety of materials, Accommodating your needs and budget. We have produced permanent moulds from Cast-Iron and Steel, to development moulds from Plywood, Supawood and Polyurethane Tooling boards.

We are not an old outdated pattern making or tooling company using old manual Techniques manufacturing tooling, we use 3D CAD design and CAM programming to CNC Machine tools & moulds within tolerance as required by customer.

At Fouriecor Engineering, we procure any required tooling cutters to work on a full range of sizes and within tight tolerances for projects, we expertly handle all types of performance needs.

With emergency and rush services available, and no job to big or to small, we are at service for all high speed CNC milling needs.





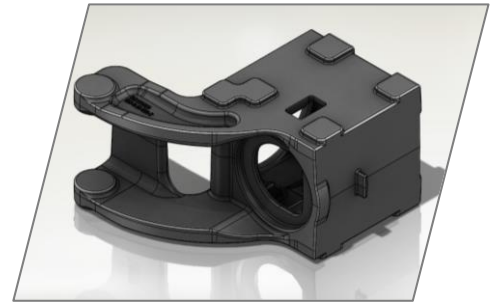
Foundry Patterns & Tooling

Expertise

Fouriecor Engineering Currently Supplies Foundries in-and-around Johannesburg with Pattern Tooling in wood, resin, plastic and metal. Our Engineering staff can design any of your products from scratch, utilizing CAD software, or importing most types of 3D CAD Files and then modifying them to suit the foundries process.

We create supporting components such as core masks, core boxes, and gating system designs. The tools and components are then tool pathed and then manufactured with our 3-axis machinery, on the final stages our journeymen complete your project by polishing and assembling the tools.

With over 20 Years in this business, Fouriecor Engineering has the depth of experience necessary to suite your tooling needs. With our Foundation in manufacturing tooling for the Foundry Industry, our capabilities go beyond any expectations from a pattern shop.



Foundry Patterns & Tooling

Capability

We have the ability and equipment to build tooling from a wide variety of materials, accommodating your needs and budget. We have produced permanent moulds from cast Iron, Aircraft Aluminium and Tool steel. We can supply new tooling in varying complexities from loose prototype patterns to fully CNC machines Disa Plates or Horizontal moulding plates, from simple core boxes to multiple cavity core boxes with ejection, drawbacks and loose pieces.

We have experience building tooling for a wide variety of core and moulding machines.

Fouriecor Welcomes any repair and gating jobs on existing tooling. Here at Fouriecor Engineering we understand that the performance standards for "low tech" jobs are just as important to our clients as for brand new tooling.

We have the skills needed to handle these jobs quickly and efficiently, achieving the results you require.





Plastic Injection Parts & Moulds

Capability

Custom manufacturer of precision injection moulding tools. Capabilities include part design, mould design, tooling machining, tooling assembly, mould repairing and maintenance and injection point optimizing.

We can manufacture tooling for parts in size from a few millimetres to parts in size of hundreds of centimetres. Our Engineering staff can design any of your products from scratch, or to a concept idea that you require.

We manufacture tooling for various industries, including health & safety, ornaments, packaging & containers, kitchenware, gardening ware, blow moulds, rotary moulds, vacuum forming tools and heavy duty applications moulds.

One of our many projects included a ventilated hard hat tool which has now run over 2 million parts in the past 4 years.





Jigs, Fixtures & Gauges

Capability

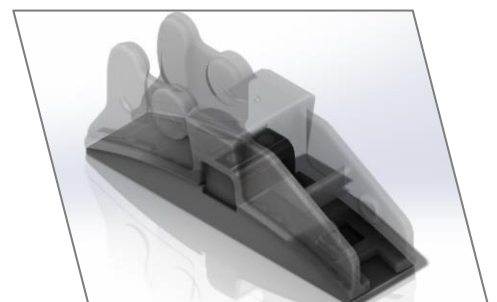
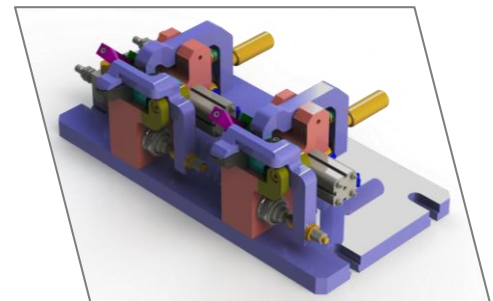
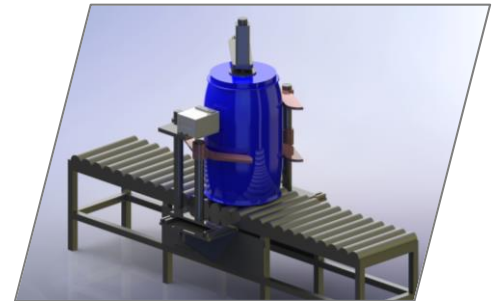
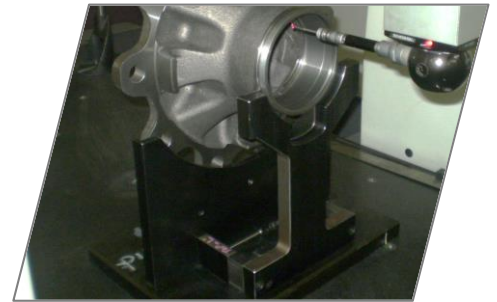
One of our many unique capabilities is our ability and experience in providing foundries, metrology workshops, and other customers with fixtures and other devices used to improve the processing or inspection of their products.

We have vast experience in clamping tools for various applications from simple checking fixtures to complex pneumatic jigs.

For the Foundry industry we have manufactured core assembly fixtures of various types as well as gauges for checking cores and castings.

For plastic industries we have manufactured inspection checking fixtures, endurance testing equipment and assembly jigs and fixtures.

We also specialize in Punch tools and Press tools for metal sheeting industry.





Contact Us:

FOURIECOR ENGINEERING CC

CK: 966349423, VAT Reg. No. 4590165108

Address:

Plot 483, Plough Road, Walkers Fruit Farms, De Deur, 1884

Postal Address:

P.O. Box 907, Walkerville, 1876

Tool Maker/Manager:

Shaun Fourie - 083 411 8366

Email:

fouriecor@gmail.com

Website:

www.fouriecorengineering.com

BBBEE Level:

Four