

30+ YEARS OF EXPERIENCE



www.kairosengineering.co.za

Specialized Services:

Design and Manufacture
Tool and Die Manufacturing
Precision Turning and Milling Refurbishment of Tools
Machine Maintenance
Conveyor systems
Fabrication
Plant Engineering and Installation

COMPANY PROFILE

KAIROS ENGINEERING

2021

ABOUT US

Our Mission & Philosophy

Mission Statement

We are driven by purpose to bring engineering solutions to businesses! Kairos Engineering is a unique establishment that aims at utilizing diverse people's skills and achieving the perfection that is a pre-requisite of the respective market. We are geared towards growth, excellence and development by expansion and we are committed to complete customer satisfaction. We believe it to be our GOD given destiny, our strategy and a roadmap to remain competitive in a fast-changing industry. Exponential success is our hallmark.

Philosophy

An appointed time that is marked by the challenges, opportunities and accomplishments it contains. Kairos is a time that stands separated from other periods, in which whole nations, whole industries or whole businesses will be prospered. Kairos Engineering was founded to serve the respective business sector in selected and specialized engineering craftsmanship. Clients are provided with the highest quality of service at the best possible rates arguably in the industry, allowing clients to enhance their businesses.



why
choose
us?

SERVICES

30+ Years of Experience

Our founder, Reggie Ramdeo, is a successful businessman with vast experience in the industry, as well as an efficient leader and administrator. He is a qualified Artisan of note and has 30 years' worth of toolmaking and manufacturing experience. His wide range of knowledge, experience and success in the engineering industry make up the foundation of Kairos Engineering. Ramdeo's experience extends to the following, which are a huge influence on Kairos Engineering: tool & dies; precision turning & machining, refurbishing of tools; manufacturing of moulds; fabrication; spark erosion; surface grinding; jigs & fixtures as well as rivet setting machines and plant engineering.

Standards & Craftsmanship

We employ highly skilled and qualified artisans to carry out all jobs. Our staff is remunerated over and above the wage rate as stipulated by the wage determination board, because they are required to be diligent and set the high standards expected of Kairos Engineering. To further boost their remuneration, they are offered incentives for above average performance. This in turn ensures our client receives the superior service we always aim for. Jobs are constantly supervised by management thereby making certain that our staff is alert and carry out their duties accurately and to clients' specifications and expectation.

Services Offered include:

Free Engineering Advice
(wherever needed or necessary)
Free Pick-up & Delivery of Work (24/7)
Free Quotation (done on site wherever possible)

Workmanship carried out on all;

Mild Steel
Tool Steel
Cast Iron
Bronze – P.B.I / L.G
Copper
Aluminium
Brass
Industrial Plastics
(Vesconite, PTFE, Hilube etc.)
Polyurethane Products

Our staff is properly attired and operates under all safety regulations.

MACHINERY

Injection moulding division of Kairos Engineering has diversified into Plastic Injection Moulding to serve the plastic industry. Our in-house facilities include modern machinery and equipment, product development, mould design and toolmaking. This process produces large

“ As technology advances so does Kairos Engineering and all staff members are sent for advanced technology training methods and new skills

volumes of plastic components of high quality with great accuracy and value for your money. Some of the materials moulded are Polypropylene, Enflex, TPR, PVC Flex and HDPE. Various components are moulded, packaged, labelled and distributed throughout South Africa

Some of the equipment we have on our floor include: Lathes; Milling machines; Grinding equipment; drill Press; Injection moulding machinery; CNC Machining Centre x2 and CNC Lathe, and measuring equipment amongst a few others.



Additional services include:

- Manufacturing of Moulds
- Spark Erosion
- Surface Grinding
- Jigs and Fixtures
- Wire Eroding
- Laser Cutting
- All types of Welding, e.g. Cast Iron, Aluminium, Stainless Steel



A New Development by Kairos Engineering: Assembly Jig and Fixtures with Pokayoke System

Clients Communication

After the delivery of a job to the client, constant follow up meetings will be held with Kairos Engineering and its clients. Through dialogue, we are able to table and minute any necessary and effectual points, which may be discussed, and those jointly accepted, to be put into operation. Such communicative measures are an essential part of enhancing the high standards of service Kairos Engineering offers and strives to maintain.

Our valued clients have access to our management twenty-four hours a day, seven days a week, thus enabling us to deal and assist you with anything, which may need our attention or guidance.

At Kairos Engineering, we have the in-house skills to design, manufacture and commission Assembly Jigs and Fixtures, applying the principles of Pokayoke (Mistake-Proofing) and Lean Manufacturing.

The Assembly Workbench is designed around 2 key factors:

- 1) Work-ability for the operator (Safety, User friendly & Efficiency)
- 2) Quality of the Assembled Product.

Pokayoke functionality ensures that only the correct parts can be loaded and only various methods such as Part Picking; Part Sensing; Part Measurement; Vision Inspection and Colour Sensing.

Our key differentiation from other respective suppliers is that we analyze and understand the way a process on your assembly line can fail. This is accomplished by our in-house Lean Manufacturing Consultant spending time on your shop floor. It is only after this evaluation that the right Pokayoke approach is decided.

We have knowledge of leading Pokayoke tool brands such as Atlas Copco, Desoutter, Yokota, Bosch and Fuji, making us confident in our ability to design, assemble and program the best solution for our clients.

Testament to our skill is the various Pokayoke Assembly Workbenches designed and commissioned at Toyota SA Motors.

Please do not hesitate to contact us should you require further information.



Hello!

We are here to take care of every need,

from the second you

Or use the attached business card in this profile folder

CONTACT US

Reggie Ramdeo
Managing Director

Tel: 031 914 2930/1

Fax: 031 914 2944

Cell: 083 285 9165

E-mail: reggier@kairosengineering.co.za

Web: www.kairosengineering.co.za

KAIROS
ENGINEERING

