

Hämmerle

FROM CONCEPT TO COMPLETION
EST. 1973

COMPANY PROFILE





OUR VISION

Our vision is to be able to design and manufacture parts in accordance with the international standards that allow South African companies, our customers, to compete in the global market based not only on price but quality as well. We are a proudly South African company that strives to create and provide value for both our customers and suppliers. We aim to create a work environment that makes us prosperous and competitive to ensure that our team can perform at the high levels needed to be global competitors.

OUR STORY

... SO FAR



WE THINK CREATIVELY



WE PRIDE OURSELVES ON
QUALITY PRODUCTS



GLOBALLY COMPETATIVE
PRICING



AND WE DO IT ON TIME!

- **Hämmerle** was established in **1973** in Germiston as an engineering company specializing in tool and die-making for the plastics industry. Now as a third generation manufacturing company, it has transformed and expanded into over a 40 year period to include a wide range of services.
- We specialize in the design and manufacturing of components used in South Africa's extensive mining-, construction-, agriculture- and retail industries.
- As an owner managed company, we are dedicated to providing our clients with personal service that add value to their business.
- Hämmerle is **ISO9001** compliant and as an Award winning supplier to AEL Mining Services, we are subjected to annual audits by the mining house to verify that our quality standards are being maintained and improved year on year.

FROM CONCEPT TO COMPLETION

SINCE 1973

OUR MISSION

To set a precedence in South African innovation and manufacturing and to compete on a global scale.



OUR VALUES

- Maintain quality processes throughout the manufacturing chain.
- Develop, design and introduce new products in accordance with our clients vision.
- Provide reliable services with competitive prices.
- Ensure that we manufacture the highest standards in conformance with international ISO9001-2015 criteria.

As part of our 'concept to completion' model, and with over 45 years (est. 1973) in the industry as a manufacturer, we have established a reputation for excellence.

Collectively we have vast knowledge and a deep understanding of how parts are designed for injection moulding and the process of building injection moulding tools- which enables us to facilitate the design and build for any tool our customers might need.

INDUSTRIES WE SERVE

- ✓ MINING
- ✓ AGRICULTURE / HYDROPONICS
- ✓ RETAIL
- ✓ CONSTRUCTION

PRODUCTS AND SERVICES

PLASTIC INJECTION MOULDING

Shot weight from 10g to 1000g with clamping force ranging from 30-390 tons.

PRODUCT DESIGN

We design functional products with aesthetic designs for real world use & marketability

PRODUCT DEVELOPMENT

We have an in house product development team that specializes in plastic part design for injection moulding.

3D PRINTING

We make use of our own 3D printers for design iteration and prototyping.

TOOL MAKING

We collaborate with industry leading tool rooms around the country allowing us to leverage the different capabilities and capacities of multiple tool rooms.

IN ASSOCIATION WITH

THE FOLLOWING INSTITUTIONS:



The
South African
Quality Institute



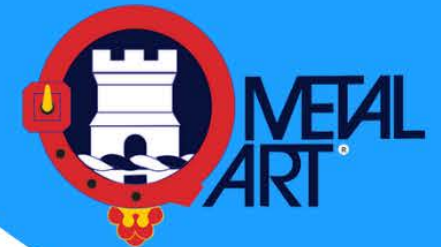
Plastics | SA

Accredited quality control systems play a crucial role in our ability to comply with industry standards and that is why we feel it is so important to be associated with these organisations.

OUR CUSTOMERS



Mining Services



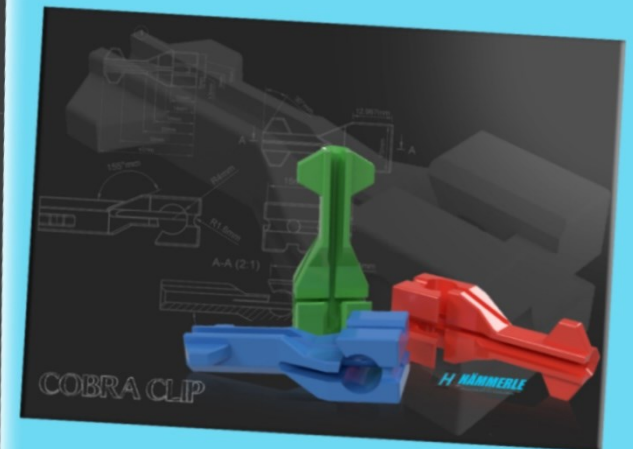
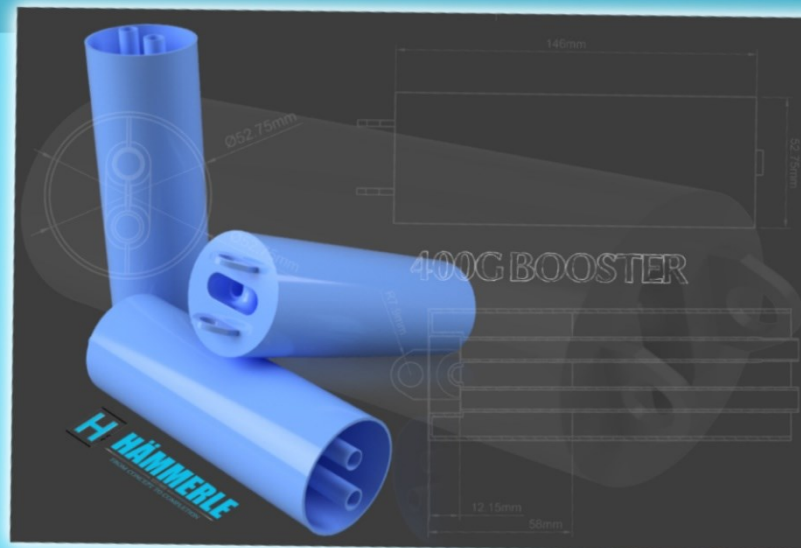


PROJECTS

THE EXPLOSIVES INDUSTRY, MUCH LIKE THE AUTOMOTIVE OR PHARMACEUTICAL INDUSTRY HAVE EXCEPTIONALLY HIGH STANDARDS FOR QUALITY AND RELIABILITY.

HÄMMERLE PLASTICS HAS BEEN A TRUSTED TECHNICAL PARTNER TO THE MINING INDUSTRY FOR OVER A DECADE, SPECIALIZING SPECIFICALLY IN EXPLOSIVES PACKAGING.

FROM CONCEPT TO COMPLETION, AT HÄMMERLE PLASTICS WE HAVE BEEN DESIGNING, DEVELOPING, MANUFACTURING AND SUPPLYING THE INDUSTRY WITH A LARGE RANGE OF UNIQUE COMPONENTS AND WE ARE CONTINUING TO DEVELOP NEW & INNOVATIVE SOLUTIONS TO THE WORLDS MINING CHALLENGES.



COMMERCIAL VERTICAL HYDROPONIC FARMS

In 2014 Hämmerle Plastics was brought in to develop a range of moulded components for a vertical hydroponics farm. Hämmerle Plastics was tasked with the designing & manufacturing of component for the new business with aspirations of being a global player in the vertical hydroponic arena.

Hämmerle Plastics obtained the international manufacturing rights to produce the range as well as distribute production not only within South Africa but to Singapore and Australia as well.

We have come a long way since those early days and we are currently running version 4.0 of the Hydroponic planting tube system. Our latest facility has been built in Pretoria, South Africa and is our latest addition to the portfolio.

Jason Hämmerle was the lead product developer on this project and was responsible for designing the entire range of moulded components for the project. Hammerle Plastics has been a pioneer in this sector and we are the first company in the world to manufacture a system capable of producing these volumes.

Although we have come along way in this short space of time we have a lot of innovating left to do as the rest of the world joins the race to beat world hunger.



VERTICAL HYDROPONIC FARMS



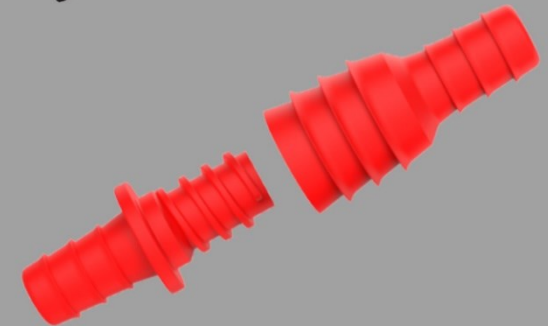
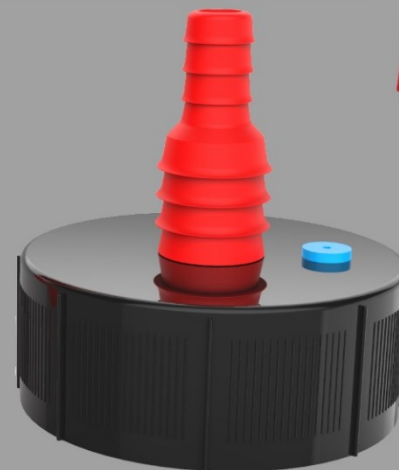
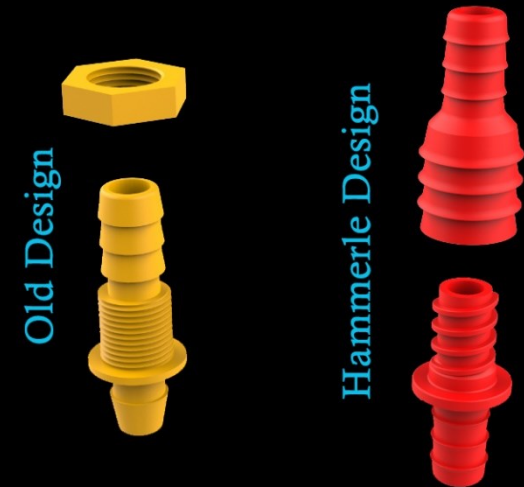
OTHER PROJECTS

We were brought in to develop and manufacture an alternative for a product that Afrivet was importing at the time.

The design challenge was straight forward; to come up with a better version of the current offering that we could manufacture locally.

Our idea was to get rid of the need for any tooling during the assembly process and to eliminate the need for small & difficult to handle components like the nut. We created a unique threading assembly that was easy to accomplish by hand.

The Spigot was our first project with Afrivet and although it was one of the more simple projects, we were able to deliver a creative re-imagining of the component that was more robust. We also reduced the complexity of assembly in order to save time.



Connect-IT is a proudly south African company & global leader in their space and have been around since the early 2000's.

Connect-IT is our newest customer and we have been brought in to assist in running their latest and most competitive range of components for their interlocking modular framework solution.

As this space becomes more competitive they continue to grow and expand their range and we are proud to be a part of this exciting company.

CONNECT-IT		WELDING	
TIME	✓ At least 10x quicker	Tedious and time consuming	✗ WELD TIME
ENERGY	✓ No power required	Tremendous power required	✗ ENERGY
EQUIPMENT	✓ Mallet and drill required	Expensive equipment & supplies	✗ EQUIPMENT
LABOUR	✓ Unskilled labour less costly	Costly, skilled labour required	✗ LABOUR
TRANSPORT	✓ Flat packable, better transport	Transported fully assembled	✗ TRANSPORT
TOUGHNESS	✓ Reliable strength	Inconsistent welding joints	✗ TOUGHNESS
COST	✓ SUPERIOR VALUE	Costly welding	✗ COST



QUALITY POLICY

Managing quality is crucial for a small business and a strong reputation for quality has been an important differentiator for us in very competitive markets.

OUR QUALITY POLICY IS BASED ON:

1. Ensuring that we know and understand the needs of our customer.
 2. Everyone knowing and understanding their role and doing it right the first time.
 3. Taking pride in our work.
- To ensure that this policy will be successful every member of staff will be expected to take personal responsibility to uphold the quality standards of Hammerle Plastics.
 - Training will be an integral part of the strategy to achieve our objectives. the quality policy principals and objectives will be communicated and available to staff at all times.
 - Objectives needed to ensure that the requirements of this policy are met and that continual improvement is maintained in line with the spirit of this policy will be set.
 - We are committed to operating continuously to this standard and we will maintain the necessary quality approvals consistent with out customer requirements.
 - We will ensure that all out personnel fully understand and implement our company's policies and objectives and are able to perform their duties effectively through an ongoing training and development program.

| COMPANY DETAILS



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PLASTIC INJECTION MOULDING - INDUSTRIAL DESIGN - RAPID PROTOTYPING - TOOLMAKING