



pdc
Pressure Die Castings





Our Company

PDC is an innovative supplier of brass and aluminium castings to local and international industry. We are a specialist die caster, who has been in business since 1952.

We have built our company customer by customer. Our approach is to start from our customer's need exploring various design options until we identify the best process solution. This approach is valued by our customers who are then confident that the process we design for them will best meet their requirements.

Our team of specialist engineers translates the concept into the working steel dies that are used to repeatedly make quality components. Our sophisticated tool room is an integral part of the process and critical to the successful manufacture of high quality products. All tools and dies are made and serviced in our own toolroom.

We have a fully integrated process line from sourcing raw materials, to tool making and manufacturing in house which enables us to deliver a quality product, on time.

We have extensive experience in the manufacture of a range of components with weights from just a few grams to 800 g with current production runs from 1 000 to millions of components per annum. The manufacturing process that a component follows varies according to its complexity and sub-assemblies are made according to the customer's brief. We are always open to increasing our capabilities to meet a customer's specific needs.

We manufacture more than 100 different components for a number of industries, the primary ones being; the architectural and building hardware industry, the fire protection industry, the power reticulation industry, the OEM and aftermarket automotive industry and the plumbing industry. More than fifty percent of our production is exported.

PDC has been a certified ISO9001 company since 1997 and is audited regularly to ensure conformity and continuous improvement.

We at PDC strive to always improve and spend time developing new ideas that ensure our processes and systems stay at the cutting edge of technology. We are committed to improving our productivity and equipment to ensure our customers get quality products all the time.

We are a full service supplier working with our customers to provide a die casting solution that includes:

- Component design
- Tooling design
- Tool and die manufacture
- Material alloying and analysis
- High pressure die casting
- Fettling and CNC machining
- Testing and assembly
- Metrology
- Packaging and logistics



People - make the difference

Our success depends on the skills of our people and our formalised training strategy, which includes an extensive apprenticeship, study aid policies and learnership programmes, ensuring an improved and current skill set.

We have a clinic on site that is manned by professionals which addresses all aspects of occupational health. We have an active HIV/Aids programme and a full time lifeline counsellor to support our staff.

We operate an intensive and interactive health and safety programme, which ensures safe working conditions for all our employees. All safety equipment is supplied to our staff. They have the benefits of optical glasses and personal protective equipment such as hearing protection and safety glasses.

The Environment - is important

PDC is aware of the impact business has on the environment. Our commitment to this is shown by:

- The use of recycled scrap brass material (to which copper and zinc are added) as well as recycled aluminium as our primary sources of raw material.
- An Environmental Management Programme which closely monitors our waste products including water, air and the by-products of our processes.
- Active energy reduction programmes.

Innovation - is key

Our company is known for being first to try out new ideas, innovations and processes. As a result of the open environment and management style at PDC, a number of ideas and innovations are actively pursued, recorded and implemented. There are a number of firsts that PDC can be proud of, including building the only vertical injection squeeze casting machine in South Africa, being the first to manufacture Semi Solid Material components in collaboration with the CSIR and being at the forefront of high speed hard metal machining for tooling.

The innovation program is critical to increasing productivity and managing costs.

Social Investment - is a given

We are active in our community supporting a number of charities including Community Chest and Protec (an organisation that helps previously disadvantaged students with maths and science). We train apprentices every year and endeavor to employ them when they are qualified. We support four cottage industries in adjoining suburbs and have helped build a small manufacturing business which currently employs 15 women.

Getting in Touch

PDC is situated on the busy corridor between Africa's busiest port Durban and Johannesburg, the manufacturing and business hub of South Africa. PDC is an hour's drive from the port which has regular shipping to the east, west and Europe. Shipping times to the east coast of the USA are three weeks and Europe are two weeks

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