



COMPANY PROFILE

SAM Engineering is one of the leading centrifugal pump manufacturers in Africa, primarily serving the demands of the mining and petrochemical industry as well as process applications such as food, chemical, and pulp and paper where chemical resistance and anti-corrosive properties are a high priority.

As a full-service engineering company in South Africa, we strive to add continued value to the industry with extensive knowledge and excellent service delivery, providing pump design, manufacture, and testing services to meet the demands of our clients as well as international standards for quality and safety.

SAMengineering

Customised Pump Solutions



History

1986: SAM Engineering was founded, becoming a distributor for Fluid Holdings' locally manufactured Allis Chalmers range of pumps.

1987: Development began for SAM Engineering's own range of centreline discharge process pumps.

1990: With our own range of pumps incorporated into the product offering, SAM Engineering developed a South African base of distributors.

1991: We successfully secured our first large order for centreline process pumps for a major RFP plant in the paper industry.

1992: SAM Engineering was awarded the Allis Chalmers manufacturing license, confirming the confidence of ITT A-C in our operations, adding sludge, slurry, clear water, wastewater and self-priming pumps to our growing range.

1993-1997: SAM Engineering continued to establish itself as a key manufacturing and service provider in various process pump markets in multiple industry sectors.

1998: Appointed as a distributor for ITT Goulds Pumps, the world's largest pump manufacturer.

2000: Achieved SABS ISO 9001 Quality Management System accreditation to manufacture a full range of pumps to the highest standards.

2001-2004: SAM Engineering continued growing and developing into emerging markets within South Africa as well as changing to a custom ERP system and upgrading facilities. In addition, we focussed our efforts on expanding locally developed alloys and technical skills to cater for a more demanding, internationally-driven market.

2005: Marks the introduction of a self-contained flotation system to aid with the installation of our products as pond and dam modular units.

2006: Major allocation of development budget for investment in local cast components.

2007: Focus is shifted to CNC machining of components to support the quality assurance programme within the company.

2008-2011: SAM Engineering expanded our reach into Africa as an emerging market whilst continuing to improve and develop our range of pumps in special alloys and designs. Awarded multi-million rand contracts in the chemical, and paper and pulp industries as well as the mining sector.

2012-2013: Continued development of our company's internal structures, policies, and technical and marketing strategies to further enhance our value to clients. Awarded multi-million rand export contracts in Africa, specifically in the mining sector.

Our Core Competencies

SAM Engineering takes great pride in offering our clients and the industries in which they operate best-in-class engineering solutions. Our primary focus is on meeting customer expectations and providing transparent service support through our core competencies:

- **Experienced** and **reliable** supply of heavy duty process and other pumping equipment
- Reliable and on time supply of **quality spare parts** for all our equipment
- Availability of all pump types in **custom builds** and **exotic alloys**
- Highly skilled and **experienced technical staff** to assist with difficult applications and selections
- In-house **accredited testing facility** for centrifugal pumps (ISO 9908 Grade 2), ensuring pump performance to specification
- **On-site technical support** for system, process and maintenance related issues
- Pumps offering the best **life cycle cost** in their class
- **Servicing and repair** solutions for all our equipment
- Comprehensive **accredited CPD training courses** on all aspects of pumps and systems at all skills levels



Corporate Structure

SAM Engineering offers clients an end-to-end solution for all their pumping needs which is supported by a solid organisational structure that enables us to continue expanding our core business across all regions and leverage our reach to develop new and innovative solutions for the industries we serve.

Management Organisation Structure



Our Clients

- Botjheng Water
- Cactus Carbon
- Clyde Bergmann Africa
- DRA
- Echem
- Foster Wheeler
- Inher SA
- KBR
- Aveng Water
- Morgan Associates
- SLFC
- Thuthuka Group Limited
- Wise Design Africa
- Veolia Water
- ENRC
- Implats
- Katanga Mining Limited
- Process Plant Technology
- Sasol
- Senet



Industries

SAM Engineering focuses on five core market sectors:

Mining

SAM Engineering offers a wide range of custom pumping systems for unlimited pump configurations to handle acidic and abrasive media, flocculants, electrolytes, light and heavy slurries, and corrosive materials in mines across Africa.

Chemicals

We cater for all types of centrifugal pump applications within passive and aggressive chemical plants, offering pumps that deliver longer service and ultimate performance capabilities with custom steam jacketing and special seal arrangements for sulphur.

Petrochemicals

Our quality-approved pump units are designed to increase the safety of petrochemical systems in hazardous environments where fuels, oils, wax and other aggressive fluids are pumped at high temperatures.

Sugar

SAM Engineering offers high performance, robust pumps ideally suited to the front and back end, and refinery operations in the sugar processing industry where the fibrous and erosive qualities of the media require a stable, versatile conveyance solution.

Pulp & Paper

Our offering for the pulp and paper industry includes pump solutions capable of handling pulpy, corrosive and erosive media of varying consistencies, as well as white, green and black liquors, and chlorine bleaches.

Project Successes

sappi



Cerebos
food service

sasol
reaching new frontiers



Vision

As the number one manufacturer of process pumps in Africa, SAM Engineering will be the first-choice supplier to clients requiring custom pumping solutions, quality products, timely delivery and best-in-class after sales service. Our organisation will be built on a solid foundation of skilled, experienced and motivated personnel to provide clients with professional advice and service support which is augmented by a tried-and-tested network of vendors delivering quality service and components to ensure the constant availability of spares to maximise client operations.

Mission

To manufacture custom built process pumps in a variety of materials according to our clients' exacting requirements. With operations based in sub-Saharan Africa, we are able to serve the mining, chemical, food, paper and pulp and various other industries with a complete range of pump solutions, supported by a well-established team to ensure sustained product quality and unrivalled support services.

Values

- Professionalism
- Expertise
- Honesty
- Innovation
- Integrity
- Ethics
- Excellence
- Passion



Product Offering



CSO/CP Series

Type: Process Pump
Industry: Petrochemical, Pulp & Paper, Food & Beverage, Fertiliser, Mining, Chemical, Irrigation, Automotive



731+ Pump

Type: Process Pump
Industry: Petrochemical, Pulp & Paper, Food & Beverage, Fertiliser, Mining, Chemical, Irrigation, Automotive



Vertical Spindle / Cantilever Pump

Type: Vertical End Suction Slurry Pump
Industry: Mining, Sugar



CW Process Pumps

Type: End Suction Slurry Pump
Industry: Mining, Sugar



NSW Pump

Type: Wastewater Pump
Industry: Municipal, Pulp & Paper, Mining



NSY Pump

Type: Wastewater Pump
Industry: Municipal, Pulp & Paper, Mining



8000 Series

Type: Horizontal Split Water Pump
Industry: Mining, Irrigation



9000 Series

Type: Horizontal Split Water Pump
Industry: Mining, Irrigation



PS Plus Pump

Type: Process Pump
Industry: Mining, Chemical, Pulp & Paper, Sugar, Irrigation



CPX/PWX/CWX Pump

Type: Process Pump
Industry: Mining, Chemical, Pulp & Paper, Sugar, Irrigation



Trash Hog

Type: Self-Priming Pump
Industry: Pulp & Paper, Wastewater, Mining, Chemical, Sugar



Vertical Turbine

Type: Vertical Centrifugal
Industry: Mining, Chemical, Irrigation



PWO Pump

Type: Process Pump
Industry: Mining, Chemical, Pulp & Paper, Sugar, Irrigation



NSR Pump

Type: Recessed Impeller Pump
Industry: Food & Beverage, Wastewater, Pulp & Paper, Mining

For further assistance or to receive additional information on any of our product ranges, visit www.sameng.co.za or call +27 (0) 11 823 4250 to connect with a representative

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