

Amandla Pumps

Developing Pumps For Tough Industrial Applications

Varkie



Jenny



Varkie - SVA + S-Series

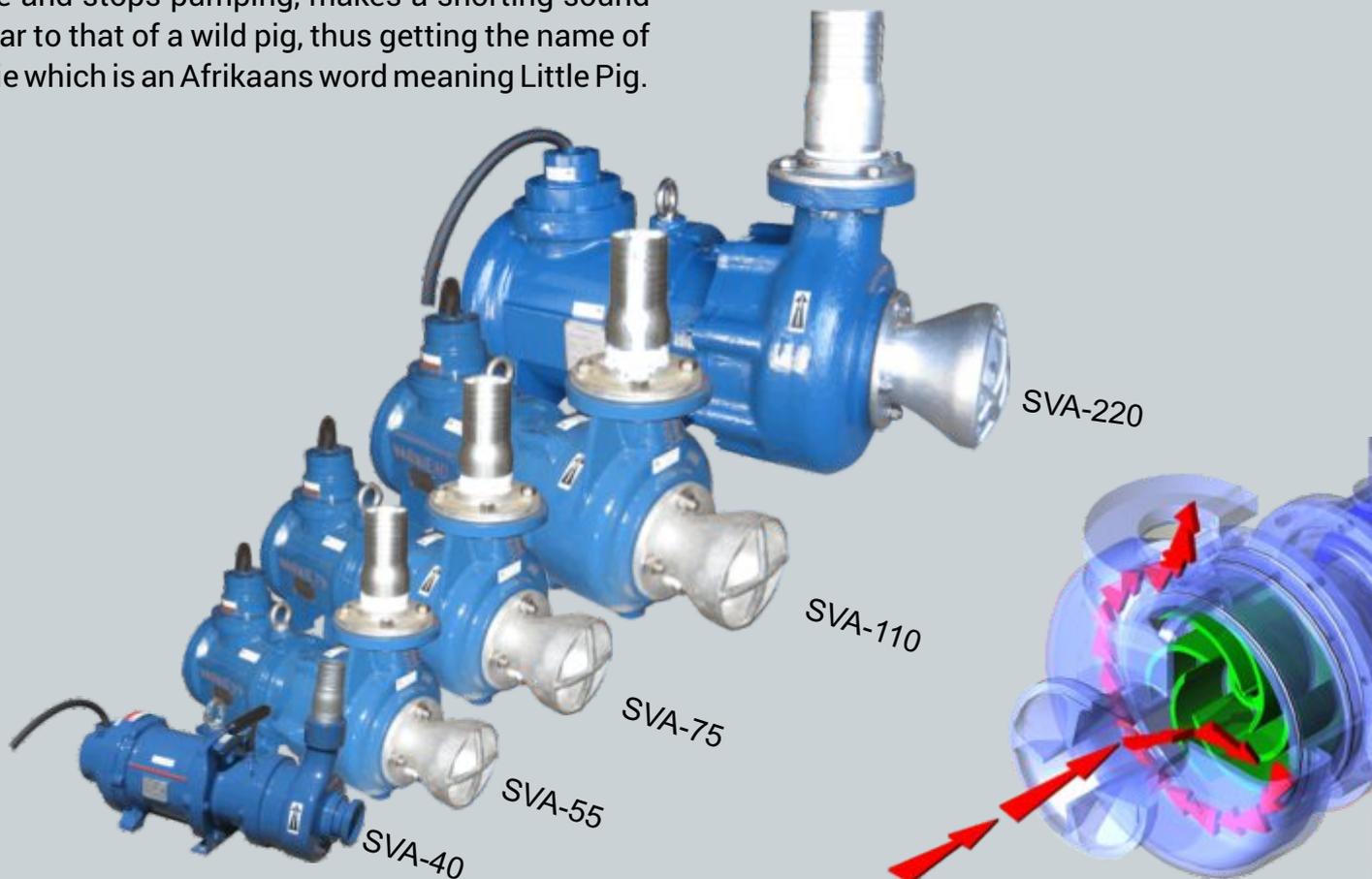
Varkie is an Amandla Pumps registered trade name with the registered trade mark for the SVA and S series of pumps. These versatile dewatering, sludge and slurry pumps have a solid handling capability from 35mm on the SVA-40 to 110mm on the SVA-220 handling up to an SG of 1.3.

The Varkie S-Series is the model that will supersede the current models of the SVA series. Nothing much will change in the basic operation of the pump.

The reason for the redesign is in keeping with Amandla Pumps policy of continually improving through research and development, resulting in redesign to produce an aesthetically a better looking product, more efficient performance, lower weight and having greater longevity of service.

When the level, of the product being pumped, drops below the top of the pump inlet, the pump loses its prime and stops pumping, makes a snorting sound similar to that of a wild pig, thus getting the name of Varkie which is an Afrikaans word meaning Little Pig.

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This Brochure is designed to inform readers of who the company Amandla Pumps is our values, standards and ethics as a singularity.

Introduction

Amandla Pumps is a company driven by passionate people who have a love for the design and manufacture of pumps and submersible pumps.

The secret to our success is from the vision and commitment of our staff to keep up with the latest technologies, setting high standards and ensuring a good service to the end users.

With over 100 cumulative years in industrial pump industry we started Amandla Pumps 2002 with the primary goal of designing and manufacturing industrial submersible pumps for use in heavy industries of all types, which would be totally sourced and manufactured in South Africa for local and global use. Emphasis of the business was also to ensure good product backup by making sure spares were readily available for the aftermarket.

History

Since 2002 from humble beginnings our manufacturing plant has grown steadily, today it boasts on having a well-established research, development and design department headed by our Technical Director and resident engineer as well as a well-equipped manufacturing floor.

Combining this with our Quality Assurance section housed in the same plant brings about the desired in-house services to achieve our primary goal.

Geographical Position

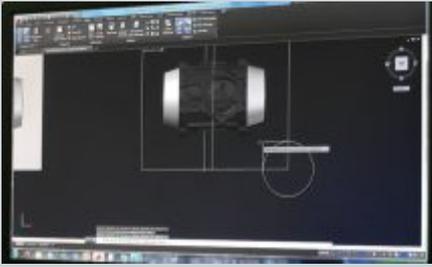
Our home base in Sebenza, Edenvale ideally positions our company to service local industries using our products. This base of operation is also well positioned in close proximity to the largest international airport in South Africa, facilitating dispatch of spare parts and completed units globally.

Growth

Over the past 14 years of operation using artisans and local people that build our colourful South African Nation, bringing with them their know how, we have achieved a range of products that match world standards and that we are proud to call ours. We are now 6 times the size of our inception, making our average growth in excess of 30% per annum.

Proudly South African People of Amandla Pumps from various ethnic groups, with common enduring values, work together to build a quality product, a great company, a better life for themselves and of the generations that will follow in their footsteps.





Quality Assurance - ISO 9001

Amandla Pumps conforms with and uses an ISO 9001 Quality Management System.

The Varkie SVA and Jenny series are available in flameproof construction in accordance with SANS 60079-1 and standard builds

Research and Development

Research and development is driven through continual data gathering, which forms the core inspiration for research and development of existing and new models of pumps. This helps us to dynamically meet client needs by reducing weight, improving efficiency of the pumps and reducing machining time of parts manufactured at our manufacturing plant.

We make use of leading edge technology for the casting process using wax casting process to achieve accuracy in pump impellers, carefully monitor the resulting castings to ensure a good quality product at all times.

At the end of the machining process, pump and electrical motor housing are examined and measured ensuring they conform to drawing and material specifications.



At the end of the machining process, pump and electrical motor housings are examined and measured ensuring they conform to drawing and material specifications. The units are then pressure tested to ensure no leaking and to ensure good mechanical strength of the castings.

All flameproof models are dimensioned and built to conform to SANS 60079-1 and the standard as defined when the unit was originally tested for flameproof approval.

On completion of the assembly process our pumps are tested to ensure that they conform to published data for the specific model as per ISO 9906:2012.

All mechanical seals used in the build of a pump are tested and if needed lapped to ensure a good seal during the pumps expected life span.

All units pass through final inspection, ensuring that when the pumps are dispatched they conform to the correct standards as per customer requirements.

We do 100% testing which gives us the confidence that when the final packaging for shipment is concluded, the pump is ready to be put to work.



Translating industry needs to workable solutions





Production

The pumps we manufacture today get their first breath of life on state of the art CAD systems, thereafter following a carefully planned and monitored manufacturing and testing process, that concludes in the realisation of a dream, pump ranges that exceed our initial expectations, placing Amandla Pumps as a well-respected pump manufacturer.



Our Products

Amandla Pumps has a Limited but good selected range of submersible pumps, entirely manufactured in South Africa, specifically designed to meet difficult pumping solutions, offering relief to challenges in the Mining, Sewage, Power Generation, and

Manufacturing is concluded on modern CNC machinery, assembled by trained and experienced people.

Rounding off our range of pumps is a well-stocked parts store, offering interchangeability of spare parts guaranteed by components that are manufactured to well-controlled specifications. This ensures good backup and aftermarket service.

We manufacture three pump types:

- Varkie SVA and S Series - 10 models - horizontal submersible configuration - dewatering, solids
- Jenny Series - 8 models - vertical submersible configuration - dewatering - clean and dirty water
- Tolley - 1 models - vertical surface - slurry solids handling



Stock holding is reviewed and updated continuously to ensure our ex-stock parts store and ex-stock fast moving pump models are adequate to meet market demands, increasing the investment in stock holding on an ongoing basis. This is over and above the investment that takes place into our Research and Development division and CNC Machines ensuring that we are always ready for the next generation of pumps.

Our slogan is *"Your Pumping Challenge Our Opportunity"*.

Jenny Series

Jenny is a registered trade name with Amandla Pumps. This series of pumps are vertical submersible pumps, designed for dewatering applications of dirty and clean water.

They range from 4kw to 90kw and the 90 KW can either be used in a vertical or horizontal configuration. Our flagship model in this range is the 90KW pump which has proved to be very successful throughout the African Continent and has also been globally accepted and standardised in other parts of the world as a high head and high flow dewatering pump.

