

CONTROL 
TECHNIQUES

DRIVING SUCCESS

GÜNTER/TECHNIMAC, JOHANNESBURG, SOUTH AFRICA | PACKAGING

DRIVE OBSESSED

UNIDRIVE M700 DRIVES CONTROL TECHNIQUES PARTNERSHIP PROVES A POWERFUL PACKAGE

For twenty-five years, Technimac has been dedicated to producing world-class machinery for the packaging industry. From its base in Johannesburg, South Africa, Technimac exports bag-makers to customers worldwide under the Günter/Technimac brand. Its competitive edge in the bag making machinery market can be attributed to its partnership with equipment suppliers like Nidec Control Techniques.

Overview

- Fast availability of products and spares
- Low acoustic noise
- High bandwidth speed loop
- 24/7 support
- Energy saving



The Challenge

What started as an operation to repair and refurbish old bag making machines – many of them from European OEMs – has become a South African manufacturing success story. Gerhart Mischinger, MD Technimac, says, “When the exchange rate made it increasingly difficult to maintain a margin on imported new machines, we realised that we could design and manufacture from scratch, using a high percentage of local content.”

Multiple components are required in the company’s high-tech, internationally acclaimed side-seal and bottom-seal bag-makers. Technimac’s strategy has been to form long-standing partnerships with the suppliers of these components, ensuring ongoing support and availability of parts. Gerhart comments, “However, over the years, we have learned that it isn’t only about the technology that these partners provide, but the level of service which helps us achieve success”.

The Solution

Technimac has been using Control Techniques servo motors, gearboxes, and drives in their machines since 2004, and the relationship has thrived. Gerhart explains, “Previous suppliers offered adequate products, but their support was left wanting. We started using Control Techniques products and quickly found that their team met our capabilities and response time expectations. The partnership has since grown to include software support. Gerhart adds, “It was when they started developing software with us, specifically aligned to our needs and applications, that we knew we had the right partners. I don’t believe anything can be 100% perfect, but with Control Techniques, our joint efforts have enabled optimal efficiency of our products.”

The Right Technology

Today, Technimac machines are in high demand, and it exports its machinery to companies all over the world. With a growing list of happy customers, the machines have earned a reputation for quality, durability, and performance. Depending on the application and specifications, Technimac’s machines can manufacture up to 1000 bags per minute, which requires speed and precision from every internal component.

Control Technique’s flagship M700 high-performance drive is key in achieving the output which makes these machines so popular. M700 drives enable maximum machine throughput in every application and motor, from standard AC induction motors to dynamic linear motors and from energy-saving hybrid permanent-magnet motors to high-performance servo motors. With low acoustic noise, high bandwidth speed loop and switching frequencies, and support for virtually all control bus technologies, the M700 is geared to meet Technimac's needs.

The Benefit

“The strength of any company lies in its people. When I think of Control Techniques as a brand, the first thing that comes to mind is the people. They have become one and the same.”

Gerhart Mischinger

MD Technimac



“When businesses choose to work with us, they know they are getting more than just a product. We pride ourselves in our after-sales support and fast availability of spares in the region, which means our clients don't have to wait for a part to be shipped. Within 24 hours, we can deliver what you need – with the bonus of a field application engineer ready to ensure our product is fit for purpose and installed as required.”

Bruce Grobler

Vice President Middle East & Africa,





CONTROL TECHNIQUES. NO ONE KNOWS DRIVES LIKE WE DO.

Our drive obsessive representatives will drive you in the right direction and give you first class support whenever you need it.

For more information, or to find your local drive centre, visit:

www.controltechniques.com

www.driveobsessed.com

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