



Food and Beverage Specialists in Process  
Automation, Equipment and Solutions

## A word from our CEO

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We pride ourselves on being a trusted partner in enhancing the operational efficiency of our clients. Our solutions are meticulously crafted based on extensive expertise in processing within the dairy, and food and beverage industry.

Our offerings not only meet operational needs but also transcend them, furnishing clients with crucial, real-time data. This information empowers efficient decision-making, enhancing precision and speed. Furthermore, it mitigates risks, elevates customer service, and drives substantial cost savings.

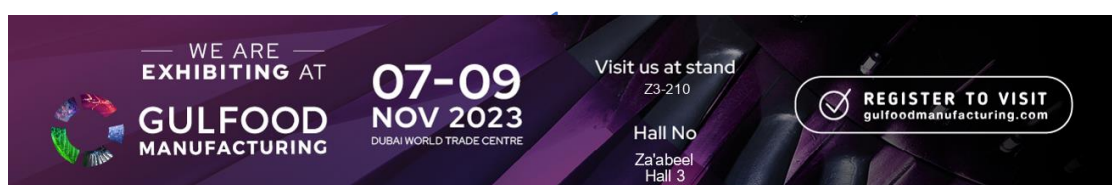
Our commitment to our clients' success is unwavering. We passionately strive to exceed expectations by fostering a culture of continuous improvement across all facets of our solutions. We are not just dedicated; we are passionate about ensuring your success matches our enthusiasm.

We invite you to experience the excellence of our solutions. We are poised and prepared to assist you in achieving more, effortlessly.

Your Sincerely,

**Christo Coetzer**

MMBR – 4 Bytes Automation  
MD – 4B Systems





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## Our Automation Solutions

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4 Bytes Automation specializes in industrial automation solutions, utilizing Siemens PLCs, HMIs, Ignition SCADA platform, and Canary historian as our standard suite. We are experienced in a diverse range of PLCs, HMIs, and SCADA platforms and often deploy systems utilising Wonderware InTouch and Wonderware System Platform.

Our comprehensive inventory includes Siemens PLCs, HMIs, and low voltage switchgear such as isolators, circuit breakers, and direct-on-line motor starters.

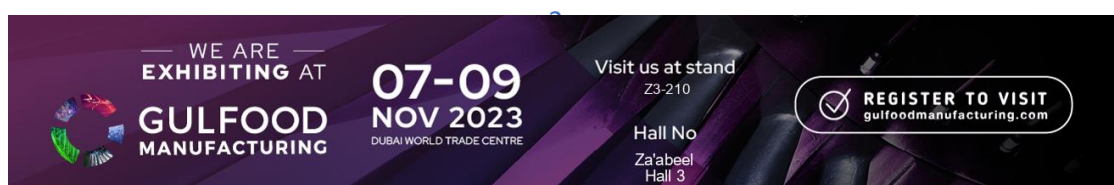
Key components in our solutions include

- Siemens
- Danfoss
- Anderson Negele
- IFM
- Endress and Hauser
- Krohne
- Festo
- Helukabel

In the development of our solutions, user experience is a paramount consideration. Our system excels in creating meaningful connections.

Operators, technicians, and management derive value from the comprehensive feedback, guidance, and analytical insights our system provides.

The scalable design of our control system allows for flexibility.





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From a basic setup with only a PLC and Touch screen HMI, the system can seamlessly expand to incorporate various modules, including:

- Remote support module
- Text messaging module
- E-mail function
- Historical data collection
- User-configured historical data dashboards
- Report generation
- SCADA system
- Mobile interface to SCADA system



These options enhance the functionality and adaptability of our solutions to meet diverse needs.

As part of our comprehensive automation solution, we offer the following services:

- Control system design
- Control philosophy
- Industrial communication network design
- Software standards development
- Software development
- Implementation
- Electrical design
- Electrical installation
- Instrumentation
- Training
- Support







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An overview of select completed Electrical Installations:





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## Our Processing Solutions

4B Systems specializes in the design and manufacturing of cutting-edge plant and processing equipment tailored for the food and beverage industry. Renowned for our commitment to quality, we deliver feature-rich processing equipment that offers exceptional value to our clients.



Our portfolio includes

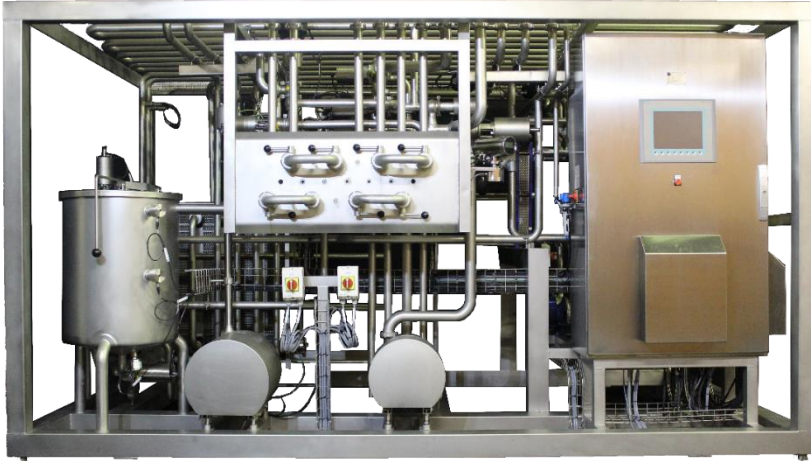
1. In line blenders:

- Beer alcohol standardisation
- Soft drinks
- Juices
- Spirit coolers
- Yoghurt
- Other





## Food and Beverage Specialists in Process Automation, Equipment and Solutions



- 2. Clean in Place Systems
- 3. Pasteurisers
- 4. UHT Sterilisers
- 5. Bactofugate Sterilisers
- 6. Butterfat Standardisers
- 7. Powder to liquid mixers





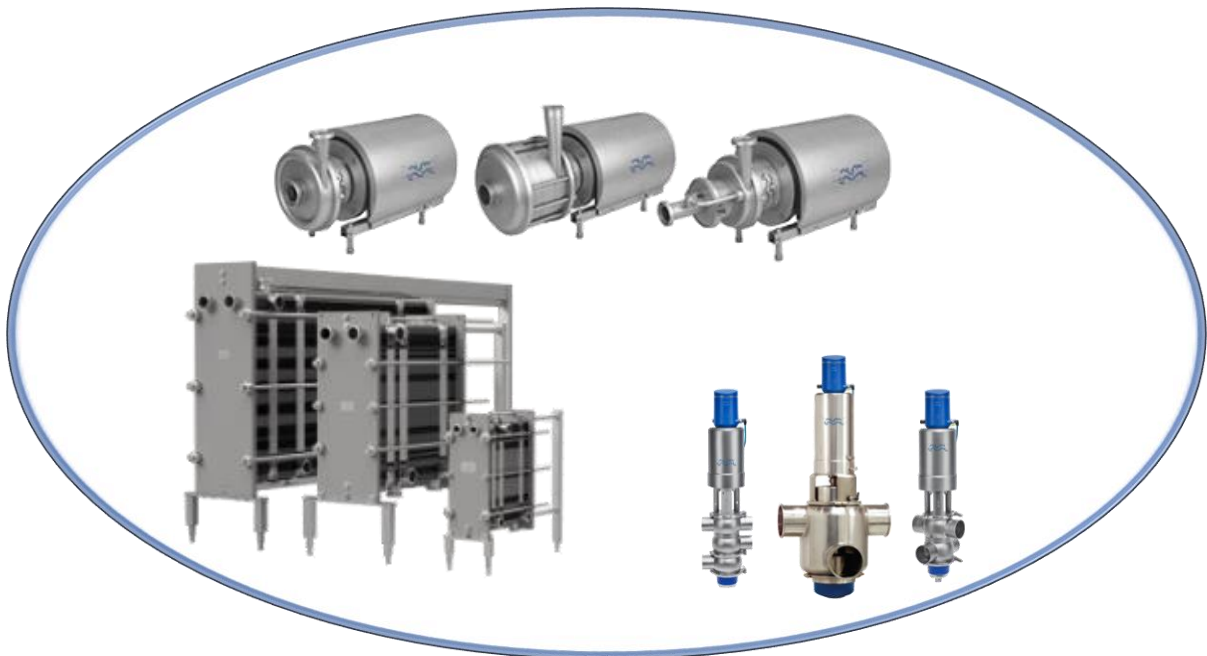
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## Alfa Laval Authorised Distributor

Since 2014, 4 Bytes Automation proudly serves as an authorized distributor for Alfa Laval. As a testament to our commitment to excellence, all 4B Systems



processing machinery is equipped with Alfa Laval valves, pumps, and heat exchangers as standard components. Additionally, we supply a range of other Alfa Laval processing equipment and plants, ensuring our clients benefit from top-tier solutions in their operations.





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We also offer an array of Alfa Laval processing equipment and plants, expanding our portfolio to meet diverse industry needs:

- Separators, Clarifiers and Bactofuges



- Water De-aeration plants using carbon dioxide and nitrogen as stripping gas.

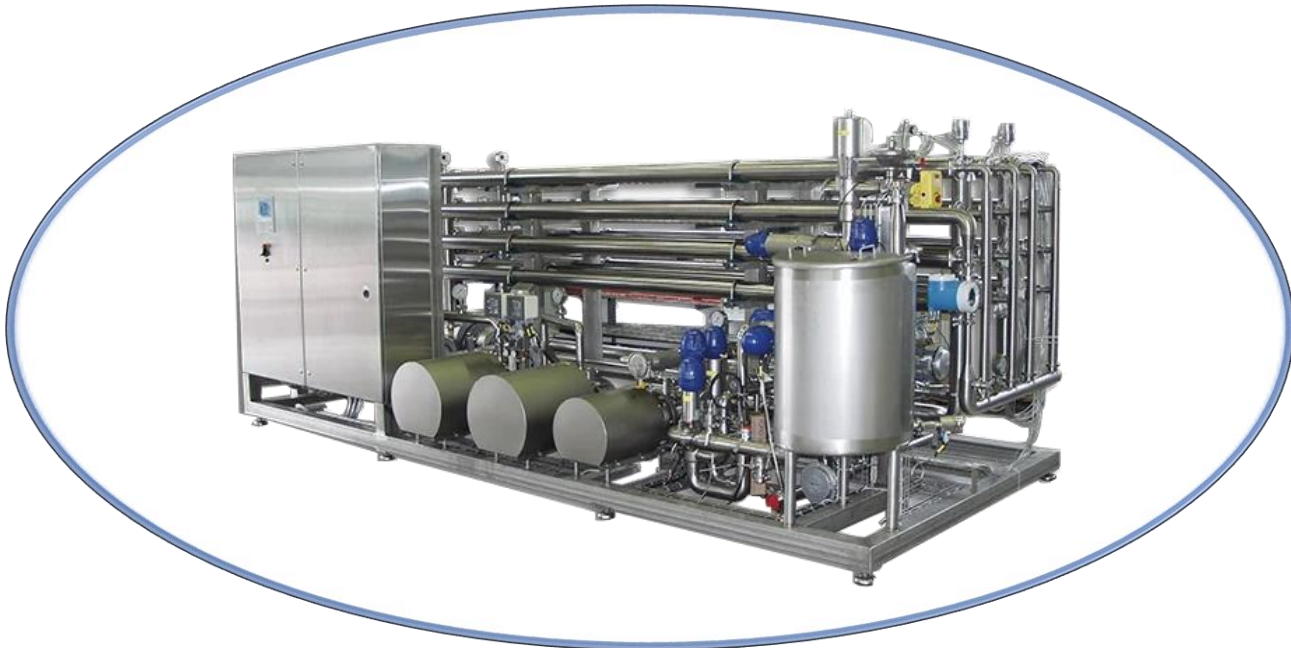






## Food and Beverage Specialists in Process Automation, Equipment and Solutions

- Dealcoholisation plants



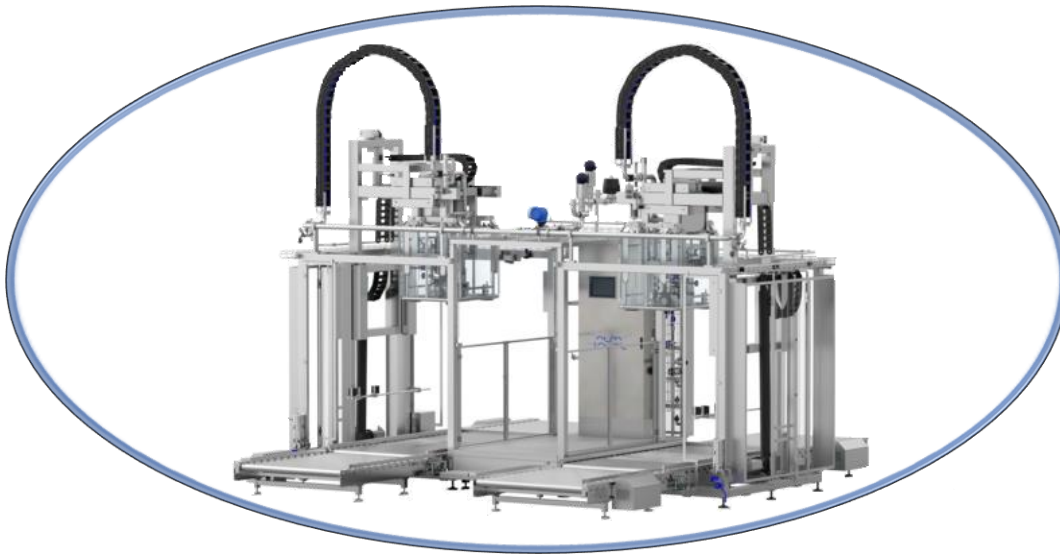
- Bag-in-box  
fillers available in aseptic or non-aseptic  
fillers for 2-20 litre bag in box, 200 litre  
drum filling or 1000 litre flexitainer  
filling. Available in single or dual filling  
head versions.





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- Flexitainer filler dual head, fully automated aseptic filler



- UHT Sterilisers





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- Aseptic Tanks up to 20 000L



## Contact Details

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