



Food & Beverage

Altivar Process — the first services-oriented drive



Helping you meet the challenges of sustainable Food & Beverage processes

Productivity, energy management, and traceability

By 2050, our planet will be home to an estimated 9 billion people. Our already strained food production will need to increase by a massive 70% in order to meet the demands of this huge population growth. Schneider Electric understands the challenges facing the Food & Beverage sector and offers innovative solutions to help the sustainability of your processes at every level and improve your productivity, energy management, and traceability.

Business optimization: Increase productivity by up to 20%

Energy management with innovative power technology and regenerative systems to avoid costly and energy-wasting breaking systems; integrated accurate (<5%) power measurement function helps the device detect power drifts and informs you in real time thanks to a customizable alarm management system.

Real-time intelligence

Pilot your production from a central location with a real-time overview of your process data thanks to a manufacturing dashboard.

Complete drive system to achieve high performance

Engineered-to-order drives contribute to clean and reliable power: Integration in electrical distribution systems with complete management of power quality thanks to passive and active filtering systems that accommodate food regulation and safety standards.

Process management and manufacturing dashboards ensure a clear, consistent, and real-time overview of your process data. Optimize your operations conditions for more sustainability and reduce your energy consumption.

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Life Is On



The right drive for your Food & Beverage application

Altivar Process offers dedicated features that address the specific needs of the Food & Beverage industry

The Altivar™ Process variable speed drive is suitable for mixers, pumps, centrifuges, shredders, compressors, designed to reduce operational costs at every stage of your supply chain.

Completely adaptable to the severe and rough environmental demands of the Food & Beverage industry.

Seamless integration

- Easy integration into Schneider Electric process automation architectures for improved operations flexibility, faster time to market while reducing engineering costs.
- Its innovative power technology, integrated accurate power measurement function, and standby mode coupled with digital services help reduce operations, maintenance, and energy costs.

Digital services

- The embedded web-server interface — based on Ethernet network — gives you process monitoring with your daily working tool. Access to energy use and customized dashboards means your energy is visible anywhere at any time.
- The cyber security level protects the production from external threats.

Available ranges for the Altivar Process

	Drive products	Drive systems
Power	0.75 – 315 kW	0.75 – 1.5 MW
Voltage	200 – 400 – 690 V	
Protection degree	IP21 – IP55	IP21 – IP 23 – IP 54
THDI	THDI < 48%	THDI < 5%/THDI < 48%
Safety	Safe torque off SIL3	
Motor Law	Synchronous, asynchronous	
Operating temperature	-15 °C – 50 °C	Applied to your solution
Comments	Order by reference/ wall mounting and floor standing	Engineered to order



Altivar 600



- Energy savings > 25%
- Green and ethical materials — free of PVC, halogen, and conflict minerals
- Improved serviceability and repairability
- Increased recyclability: The product is now 80% recyclable
- Packaging reduced by 64%

Altivar Process is the first drive that makes the Industrial Internet of Things a reality.



Scan the code to find out more about Altivar Process.

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