

## Siemens Industry at the drinktec and the oils+fats 2009

**Nuremberg/Munich.**  
**Siemens Industry will be showcasing customized solutions for improved productivity and energy saving this September at the drinktec and the oils+fats in Munich.**

Siemens will be exhibiting an innovative portfolio of customized automation solutions for the beverage and dairy industry from September 14 – 18 at the drinktec in Munich's new Trade Fair Centre (Hall B4, Stand 409). The focus will be on its integral standardization concept OPL (Optimized Packaging Line) designed to enhance productivity in bottle filling and packaging lines. By standardizing not only the operating interface but also the control and drive technology, this concept helps significantly reduce the expenditure involved in engineering, commissioning and operation. The OPL standardization concept will be featured hand in hand with an implementation proposal for mechanical engineering firms

and end users.

Another featured highlight at the show will be the Siemens Braumat family, the scalable process control system designed for small and medium-sized breweries as well as large-scale industrial operations running several brewing sites. "Braumat compact" combines automation, operation and monitoring in a single customized solution, and is designed to meet the needs of both newcomers to the industry and small-scale brewery projects. A particularly impressive feature of the system is its high level of standardization, which minimizes the necessary engineering input and makes for extreme operating simplicity.

Braumat with integrated Plant Asset Management for large-scale brewery projects is a future-proof solution designed to allow flexible scaling and to grow in step with an evolving brewery business. The client-server architecture allows Braumat to be tailored precisely to any specific plant size, ensuring

both marketability and optimum economy. Both packages are based on the Simatic PCS7 process control system. "Braumat Classic" based on the Simatic-S7 system has been fitted with a range of additional functions and is designed to support integration of the latest Simatic-S7 technology.

A range of engineering tools catering to the needs of dairies as well as the soft drink and fruit juice industry will be another highlight of the show. The assurance of safe food products and food production represents a significant competitive advantage. The tried and tested dairy and soft drink functional tool sets and innovative new advanced process functions are designed to ensure greater production flexibility coupled with enhanced process and product quality.

The issue of energy efficiency will also be a focal feature of the show. Siemens solutions on



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offer range from concepts designed to detect savings potential using energy management systems through the analysis of optimization scope to implementation using energy-saving products.

In a parallel exhibition taking place alongside the Drinktec in the New Munich Trade Fair Centre from September 16 – 18, 2009, Siemens will also be showcasing customized process control technology and solutions for improved energy efficiency in oil mills and refineries at the oils+fats (Hall B0, Stand 301). Here, Siemens is set to showcase a range of products tailored to the needs of edible oil manufacturers, including a Simatic PCS7-based control system developed specifically for the oils & fats industry, as well as process instruments, power distribution systems and drive technology. The Siemens control system designed

for the edible oil industry is scalable and – starting with a box PC-based system – is suitable for small, medium-sized and large-scale plants encompassing several production lines. The underlying element is the standardized process control system Simatic PCS7, designed for use across different industrial sectors. The application is supplemented by different libraries to create a special solution for the edible oil industry. As well as performing control functions, Simatic PCS7 for the oils & fats industry is suitable for applications such as power and component monitoring. This allows energy-saving potential to be discovered and also the degree of wear or disadvantageous operating statuses in individual plant components to be detected, particularly in rotary pumps. A particularly important aspect for the edible oil industry is complete traceability, which allows the product cre-

ation history to be verified back to the used raw material with the aid of user archives. This year's exhibition offering encompasses not only Simatic PCS7 for the oils & industry, but also a pump model capable of visualizing energy-saving potential. At the same time, drive systems are compared in respect of their energy consumption, investment costs and payback period, clearly illustrating that drive systems which use less energy generally offer a fast return on investment despite a higher initial outlay. n

## Siemens – Beverage Industries

[www.siemens.com/beer](http://www.siemens.com/beer)

## Siemens - Edible Oils Industrie

[http://www.automation.siemens.com/\\_en/edibleoils/index.htm](http://www.automation.siemens.com/_en/edibleoils/index.htm)



## Industry

The Siemens Industry Sector (Erlangen, Germany) is the worldwide leading supplier of production, transportation, building and lighting technologies. With integrated automation technologies as well as comprehensive industry-specific solutions, Siemens increases the productivity, efficiency and flexibility of its customers in the fields of industry and infrastructure. The Sector consists of six Divisions: Building Technologies, Drive Technologies, Industry Automation, Industry Solutions, Mobility and Osram. With around 222,000 employees worldwide Siemens Industry posted in fiscal year 2008 a profit of EUR 3.86 billion with revenues totalling EUR 38 billion. [www.siemens.com/industry](http://www.siemens.com/industry)

## Industry Automation

The Siemens Industry Automation Division (Nuremberg, Germany) is a worldwide leader in the fields of automation systems, low-voltage switchgear and industrial software. Its portfolio ranges from standard products for the manufacturing and process industries to solutions for whole industrial sectors that encompass the automation of entire automobile production facilities and chemical plants. As a leading software supplier, Industry Automation optimizes the entire value added chain of manufacturers – from product design and development to production, sales and a wide range of maintenance services. With around 42,900 employees worldwide Siemens Industry Automation achieved in fiscal year 2008 total sales of EUR8.7 billion.

## Drive Technologies

The Siemens Drive Technologies Division (Nuremberg, Germany) is the world's leading supplier of products and services for production machinery and machine tools. Drive Technologies offers integrated technologies that cover the entire drive train with electrical and mechanical components. This includes standard products but also encompasses industry-specific control and drive solutions for metal forming, printing and electronic manufacturing as well as solutions for glass, wood, plastic, ceramic, textile and packaging equipment and crane systems. The services provided by the Division include mechatronics support in addition to online services for web-based fault management and preventive maintenance. With around 39,900 employees worldwide Siemens Drive Technologies achieved in fiscal year 2008 total sales of EUR8.9 billion.

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