

SLA's OEE boosts productivity in meat and food production

German software company SLA says Overall Equipment Effectiveness (OEE) can increase productivity in meat and food production to over 30%.

Digitalization and automation are gaining momentum in meat and food production. To guarantee maximum efficiency, a wide variety of systems from different manufacturers and employees must work together perfectly. SLA's OEE offers the solution. It enables a holistic process view, guarantees the best possible availability of machines and is the basis for making processes in production and logistics more efficient.

"Every standstill costs money. SLA's OEE reveals where and why it occurs," Jörg Brezl, Managing Director of SLA, summarized the advantages of OEE. He knows from experience that the output of meat production lines in Asia falls far short of what is possible because of incorrect machine settings, machine failures, unforeseen maintenance work or product jams. These lead to avoidable delays and breakdowns of over 30%.

SLA has been developing intelligent digital solutions for the meat and food industry for more than 27 years and is the leading OEE player for the industry. With established customers such as Thai Food Group, Laemthong and Foodland as well as FPT Asia as a trusted long-term partner headquartered in Bangkok,



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SLA has implemented many successful digitalization projects in Asia, with on-site service and project support.

A unique solution

OEE and the associated process intelligence are the central tool for optimization along the entire value chain. SLA's unique OEE-solution looks at overall efficiency, not just individual machines.

"You have to look at the entire process and know what effect a change will have," said Mr Brezl. The heart of this system is the SLA Connector, which has also been installed at Europe's leading manufacturer of meat and sausage products, the Tönnies Group.

The OEE-solution developed by SLA, networks all machines and systems, regardless of the manufacturer, on an Internet-independent platform and connects them to the existing ERP infrastructure from SAP, Microsoft, Oracle or any other standard on the market. All plants that do not have their own programmable logic controller (PLC) can be

integrated via a Smartbox, which was also developed by SLA, with special sensors.

"With the gradual integration into existing systems by using ready-made modules, we not only offer a simple, technical integration in the shortest possible time. We also guarantee a project-related ROI," promised Mr Brezl.

During operation, data on availability, performance and quality are collected and presented as valuable information in real-time cockpits for production and logistics. SLA's OEE guarantees the production-accompanying recording of the relevant disruption reasons directly on the production line. The data can also be read, evaluated, and historically managed via an app.

"With the networked overall solution from SLA, it is possible to identify errors and faults along the entire process chain at an early stage, to rectify them as quickly as possible and to get the most out of the plant. We now have a single OEE calculation for the entire

production and logistics," said Ortwin Cramer, Project Manager at The Family Butchers, the second largest manufacturer of meat and sausage products in Germany.

Fully integrated real-time solutions

The OEE reveals which adjusting screws produce the greatest degree of optimization and which measures contribute to improvements. At the same time, it becomes clear what effects a measure has on the next machine and how this influences the process.

Another positive effect: any losses in effectiveness that are uncovered can be quickly understood by employees. Producers will understand the added value of the plants and can make suggestions for improvement. OEE can be a tool to motivate employees to contribute ideas to increase the Overall Equipment Effectiveness.

With its OEE, SLA has set a milestone in fully integrated real-time solutions. The company will present its OEE-solution and further technical solutions relating to Artificial Intelligence (AI) and Process Intelligence at IFFA 2022 in Frankfurt, Germany (**Booth No G05, Hall 8.0**) and ProPak Asia in Bangkok (**Booth No BE 01, Hall 102**).

With FPT, SLA has an experienced partner in Asia and Middle East that has been established for 20 years, who knows the industry and supports the joint customers on site.

Sealpac to showcase technologies for food packaging

Under its "Go sustainable" motto, Sealpac will present a range of innovative technologies and concepts for food packaging, such as its traysealers, thermoformers and modern packaging solutions, which address global requirements for more sustainability.

Sustainable packaging, reliably processed

Three traysealers and two thermoformers will be featured. These solutions rely on mono materials for improved recycling, do not use as much film, and process alternative materials such as paper into safe and attractive packaging.

Sealpac will present a complete line for the production of the resource-saving FlatMap packaging concept for sliced products, using less plastic and more cardboard. It will also demonstrate a thermoforming

solution for high-speed packaging of burgers in recyclable film, as well as its brand-new, modular Pro thermoformer.

Sealpac Amax traysealers

These traysealers have a low-wear and low-maintenance design and are driven by high-quality servomotors, ensuring a smooth packaging process.

Depending on the application, the output of these machines can now be up to 50% higher. The integrated EnergyManager ensures minimum energy usage, whilst applying servo technology reduces air consumption by up to 90%.

Sealpac Pro thermoformer

Visitors will be able to witness the launch of the new Pro thermoformer, which offers compactness, flexibility, modularity, and efficiency. It can be



Sealpac's traysealers are driven by high-quality servomotors that ensure a smooth packaging process.

easily configured to the customer's specific needs.

The basic Pro machine is suitable to run flexible and rigid film for vacuum packaging and sealing only applications. Various modules can be added to run other packaging solutions, such as the MAP module for modified atmosphere packaging, the ThermoSkin module for skin packaging and the ShrinkStyle module for shrink packaging.

Sealpac is exhibiting at IFFA 2022 in **Hall 11.0 D11**.

INCREASE YOUR PRODUCTIVITY TO OVER 30 PERCENT.

With **OEE**
(Overall Equipment Effectiveness)
powered by SLA



EXPERIENCE THE OEE-SOLUTION LIVE:

IFFA 2022
Booth G05 in Hall 8.0

PROPAK ASIA 2022
Booth BE 01 in Hall 102

FPT Technology Center
Grand Opening in Bangkok in June 2022