

NEW PRODUCTS

Software aiming for operational efficiency

ASPENTECH recently released aspenONE Engineering and aspenONE Manufacturing and Supply Chain Version 8.8 software.

Developed for firms in the oil, gas, chemicals, engineering, mining and construction, and other process industries, the software features user-friendly, streamlined workflow innovations.

Fully integrated cost estimation, energy optimisation, and Heat Exchanger Design and Rating (EDR) technology brings key information to the process simulation environment. This allows faster and more accurate optimal design selection earlier in the conceptual engineering phase.

Relief load calculation enhancements for heat exchanger tube rupture, fire emergency and control valve failure, expand relief sizing and safety modelling capabilities. The time to conduct pressure relief analysis is generally reduced by 50 per cent.

With the addition of the Cubic-Plus-Association (CPA) fluid property package, V8.8 software more effectively models methanol behaviour to accurately predict hydrate formation, improving flow assurance in pipelines and meeting environmental regulations. These

enhancements lower operating costs.

New Naphtha Hydrotreating and Alkylation models create a complete refinery reactor and assay management suite from within Aspen HYSYS Petroleum Refining.

For the first time AspenTech offers a complete suite of refinery reactor models. The resulting flexibility means all process units can be accurately modelled and optimised, supporting planning for maximum profits.

Polymers can be treated as solids below their melting points in Aspen Plus, allowing for accurate upstream and downstream modelling of solids production, including dewatering and drying. The ability to model polymers as solids results in reduced energy costs.

The new Smart Tune technology in Aspen DMC3 enables users to quickly adapt to changing economic scenarios. It lowers the barrier to controller design and maintenance by providing more insight into controller strategy, and allows more users to set up and periodically reconfigure the optimiser more frequently with reduced workflow complexity.

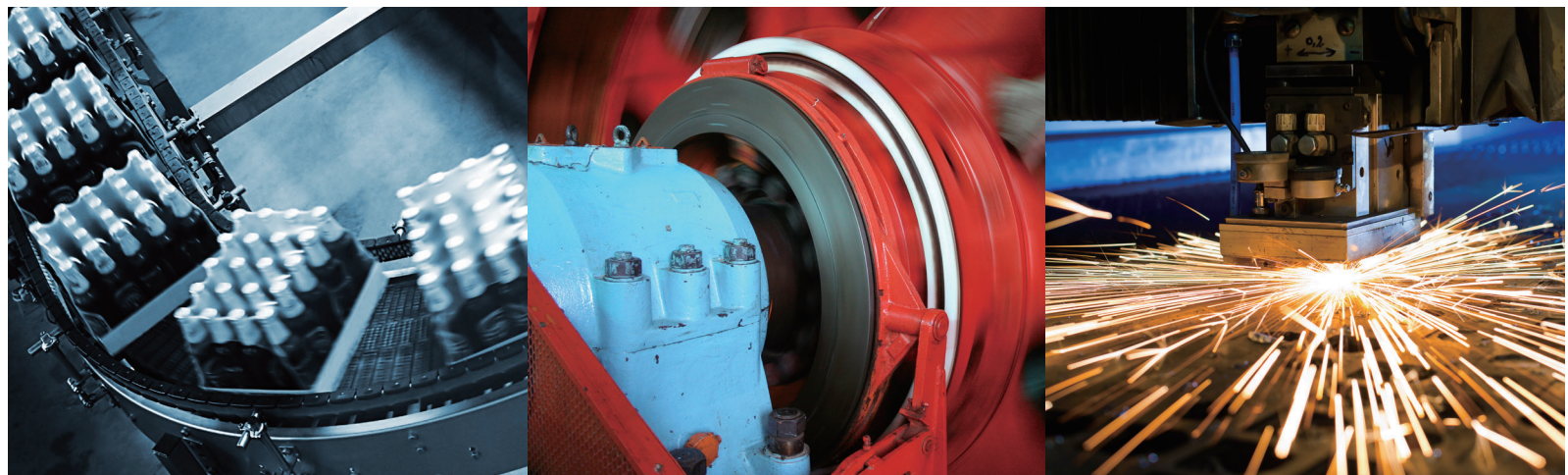
The New Campaign Manager in Aspen Plant Scheduler enables speedy creation and



The software is intended to improve safety and boost operational productivity.

scheduling of an ideal production sequence or product wheel. Proven sequencing algorithms further optimise grade transitions to reduce off-spec production and enhance asset utilisation.

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