

Ballrechten-Dottingen / Germany, 28/06/2022

ystral presents trends in process technology at theACHEMA trade show

Ballrechten-Dottingen. *ystral, the German machine and plant manufacturer chooses the topic “Trends and Mega Trends in Process Technology” for its trade show stand at theACHEMA 2022. The leading international trade show of the process industry takes place from 22 to 26 August 2022 in Frankfurt am Main, Germany.*

With its themed trade show exhibit, the mixing and dispersion technology specialist intends to promote the exchange between different areas of the process industry. “Depending on the industry, trends in process technology often turn out to be very different for similar processes”, says Dr. Hans-Joachim Jacob, Senior Expert Process and Applications at ystral. “This is often due to the fact that manufacturers do not know anything about solutions from other industries. For this reason, we would like to use our new booth concept to get users from different areas of the process industry – whether it is paints and varnishes, foodstuffs, drugs or cosmetics – to learn from each other, and thus gain new inspiration for their day-to-day production.”

Trends of biocide-free fabrication up to inline and slurry processes

The trends presented at the ystral trade show stand at theACHEMA include cleaning without cleaning agents, clean production processes without biocides or preservatives, cold chemistry, possibilities of process intensification and the realisation of intensive processes outside the tank as well as the development from co-grind to slurry manufacturing and from batch to inline process.

“The further development of process technology is of course also characterised by mega trends such as Smart Factory, digitalisation or modularised fabrication”, says ystral’s Process Engineer Jacob. “However, the trends in mechanical process technology selected by us mainly aim at making visitors to the trade show aware of possibilities which they did not know anything about up to that point – and providing them with some eye-opening insights.”

At its trade show stand in hall 12.0 (stand C68), ystral will show how, against the background of these trends, altered process-related requirements can be implemented with innovative mixing and dispersion technologies. The company will present amongst others the inline powder wetting and dispersing machine YSTRAL Conti-TDS, as well as the YSTRAL

Jetstream Mixer. Furthermore, the mixing and dispersion technology specialist will introduce the newly developed powder dispersing system YSTRAL BATT-TDS, which reduces the manufacturing times for the production of lithium-ion-electrode slurries in battery production from currently between two and six hours to just a few minutes.

Further information

An online seminar by ystral about trends and mega trends in process technology in German can be found at ystral.com/trends-webinar.

Press photos:

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[Caption]

ystral projects, designs and manufactures mixing, dispersing and powder wetting machines as well as process systems, which are used around the world in the chemical, paints and varnishes, foodstuffs, pharmaceutical as well as household and cosmetic industries.

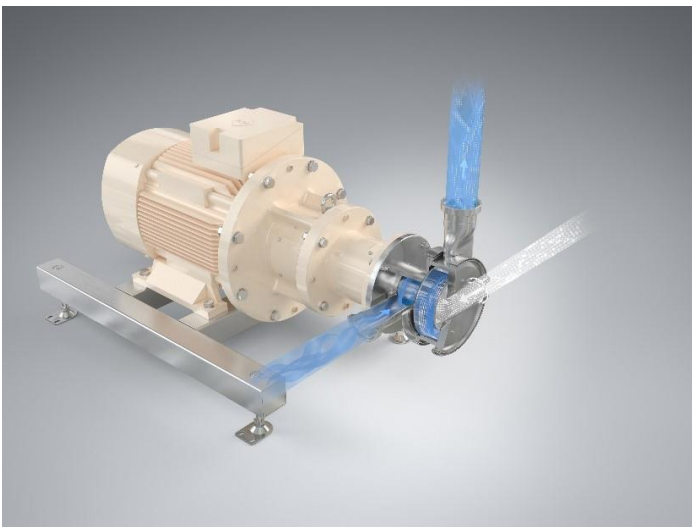
ystral_achema_2.jpg



[Caption]

The YSTRAL BATT-TDS presented at the ACHEMA by ystral enables quick mixing of lithium-ion-electrode slurries. The powder dispersing system is available in four sizes.

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[Caption]

The inline powder wetting and dispersing machine YSTRAL Conti-TDS (photo credits: ystral).

About ystral

ystral is an owner-managed family business with around 260 employees. The company based in Ballrechten-Dottingen near Freiburg in Germany designs and manufactures highly efficient mixing, dispersing and powder wetting machines as well as process systems. Technologies from ystral are used worldwide in the chemical, pharmaceutical, coatings & inks, foodstuffs, home and personal care as well as battery production industries.

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