

Ballrechten-Dottingen / Germany

POWTECH 2022: ystral presents trends in mechanical process technology

Ballrechten-Dottingen. *ystral, the machine and plant manufacturer, has chosen the theme “Trends and Mega Trends in Process Technology” for its exhibition stand at the POWTECH 2022. The international trade show for powder, granulate and bulk material technologies takes place from 27 to 29 September 2022 in Nuremberg, Germany.*

With its themed trade show exhibit, the mixing and dispersion technology specialist intends to promote the exchange between different areas of process technology. “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 about solutions from other industries. For this reason, we would like to use our new stand concept to get users from different industries such as chemistry, pharmaceuticals or food & feed to learn from each other, and thus gain new inspiration for their day-to-day production.”

Trends from batch size reduction and process intensification to inline and slurry production

The trends presented at the ystral trade show stand at POWTECH 2022 include cleaning without cleaning agents, process intensification and process integration, the reduction of batch sizes as well as the development from batch to inline process and from scratch to slurry production.

“The advancement of process technology is of course also characterized by mega trends such as digitalization, Industry 4.0 and Smart Factory”, 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 this point.”

At its stand in hall 3A (stand 3A-329), 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, a Big-Bag Tower with the optimized discharge aid Flex FSA for emptying poor-flowing powders without residue, as well

as the inline powder wetting and dispersing machine YSTRAL Conti-TDS 3.

With the YSTRAL Multipurpose X100, ystral also introduces a flexible multipurpose disperser which can be used for different tasks such as jet stream mixing, dispersing as well as mixing and dispersing processes and for the inducing and wetting of powders, through simple replacement of the tool shaft. Dispersers of the YSTRAL Multipurpose series are used in chemical, food, cosmetics and pharmaceutical production.

Furthermore, the mixing and dispersion technology specialist will showcase the newly developed powder dispersing system YSTRAL BATT-TDS, which reduces 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 with Dr. Hans-Joachim Jacob, Process Engineer at ystral, can be found at ystral.com/trends-webinar. An infographic on 13 selected trends in process technology can be downloaded free of charge at ystral.com/en/13-trends-mega-trends-in-process-technology.

Press photos:

ystral_powtech_1.jpg



[Image 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, paint and varnishes, food, pharmaceutical as well as household and cosmetics industries. (Photo credits: ystral)

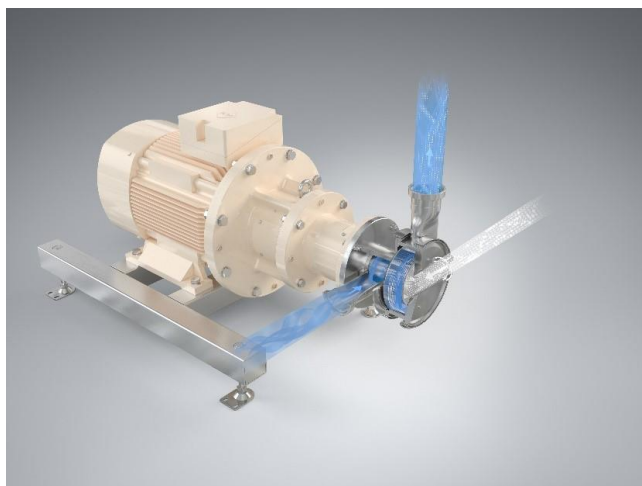
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[Image caption]

The YSTRAL BATT-TDS presented at the POWTECH by ystral enables quick mixing of lithium-ion-electrode slurries. The powder dispersing system is available in four sizes. (Photo credits: ystral)

ystral_powtech_3.jpg



[Image 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

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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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