

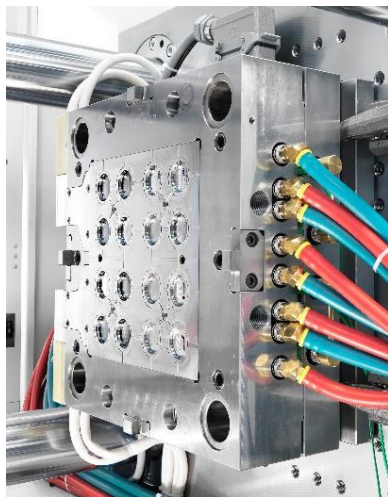
Press Release
Thursday, April 19, 2018



Roctool with a strong presence at NPE 2018

It will be hard to miss Roctool this year at the upcoming 2018 NPE show. The Roctool team is excited to announce **(3) different live demonstrations** showcasing the features and benefits of their patented induction heating technology.

Roctool will have their own booth at this year's event. The booth, located in the South Hall (S17013), will include a 160-ton KraussMaffei press running a mold equipped with Roctool's state of the art Heat & Cool technology. The booth will include a 50kW generator system as well as their newly updated interface (RT21) and cooling unit (R30). This demonstration will highlight a 3D Sphere mold. The part design will highlight Roctool's ability to work with contoured mold surfaces and produce defect-free molded parts with complex features. Roctool aligned with several partners to make this happen, including Sabic, Flex, Incoe Corporation, Moretto, and Ermanno Balzi.



The second live demonstration of Roctool's Heat & Cool technology will be in the West Hall with Roctool's longtime partner, German injection machine manufacturer KraussMaffei (W403). The demonstration will showcase Roctool's newest DZ100kW (Dual Zone) generator system and their 3iTech™ induction system designed into a 16-cavity mold. During the event, this demonstration will run Romira's Romiloy (PBT/ASA-GF20) material. Each of the mold's 16 cavities have been laser textured with multiple finishes to show the technology's ability to reach a top surface quality after molding. The demonstration will highlight a 20-second record Heat & Cool cycle during the show.

The third demonstration will also be in the West Hall, at the Milacron booth (W2703). This demonstration will feature several technologies working together to achieve a lightweight A-Class interior door panel. The Milacron molding machine is equipped with both core-back technology as well as Trexel's MuCell, which introduces nitrogen gas into the melt.

This gas allows foaming within the mold, subsequently achieving a part that is lighter and dimensionally stable. Using just core-back and MuCell, it is possible to produce a lighter part, but impossible to reach a top surface quality. However, these technologies working together with a mold equipped with Roctool's Heat & Cool technology can achieve a desirable A-Class surface. Further benefits include a reduced clamp force requirement and the ability to inject glass-filled Polypropylene and yield a resin rich surface. Roctool's largest single zone generator (300kW) will be on display as part of this demonstration.



"We are very proud to be presenting 3 demonstrations at the upcoming NPE show in Orlando. It will be an excellent opportunity to present "Live" to manufacturers and major brands the benefits of our Heat Cool technologies for molding" comments Mathieu Boulanger, Roctool CEO.

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