

Press release





October 15<sup>th</sup>, 2019 – 6pm CEST



## **K Show 2019 – Dusseldorf, Germany**

Roctool presents 4 innovations at the KShow

Come and see Roctool in [Hall 15, C41](#) where you can experience:

-  Live Heat & Cool Demonstrations on a Complex 3D Shape
-  Elevated Sustainability with Roctool
-  New range of Generators
-  New and exciting Car Lighting Solutions



### Live Heat & Cool Demonstration “in action”



Roctool is showcasing their Heat & Cool technology while molding a 3D Shape this year at the K2019. The heat quality is monitored and controlled completely using Roctool's especially designed equipment. This injection molding live demonstration using Roctool Technology shows the defect free parts with complex features, compared to parts with defects made using conventional molding. The demonstration tool includes the latest Roctool design and induction elements, combined with conformal cooling core and an INCOE hot runner system. The part has no weldline, no sink marks and no blush, with a very high gloss level.

Featuring an injection molding machine from KraussMaffei, Roctool's longstanding show partner, the booth will also include a 100kW double zone generator, interface that pilots the Roctool process, cooling unit and micro thermoregulators that are all tailor-made to run the Roctool process.

The materials selected for the live demonstration at the K Show are:

-  SAX Polymers (Saxalac 120T ABS) – Beautiful mold in color.
-  Covestro (Makroblend SR60 PC+PBT) – Demonstrating Piano Black.

## Elevated Sustainability with Roctool technology.



*In PCR-ABS, gloss improvement  
of +62% vs conventional  
molding*

100% Recycled, Organic, Waste, Reclaimed or Bio sourced are just some of the materials that can be transformed into premium parts and designs using Roctool Technology.

Roctool will be displaying relevant examples of sustainable materials molded using Roctool technology. Roctool technology radically improve surface quality of recycled resins and some examples will be showcased at the show.

## Roctool release a new range of Generators 25kW – 50kw



Exciting new, fast, plug & play connection, air cooled Generators. Easily transportable due to their small size. These new compact, highly efficient range of Generators are a completely new design and fully equipped with the latest technology, ready to connect to any press machine.

Roctool team will introduce at the K Show those new generators including the new 25kW along with Dual Zone generators and other equipment.

## New amazing possibilities for Lighting applications with Roctool, Reichle and GF

Guests will discover futuristic digital texturing of car lighting molds designed to optimize the light path and intensity for improved safety, which is a topic of great concern among global mobility leaders. The car light demonstrator exhibited during KShow 2019 demonstrates the synergies of GF Machining Solutions' Laser texturing technology combined with the quick mold heating by induction technology of Roctool's injection and compression molding solutions and Reichle Technologiezentrum's automotive laser texturing. GF Machining Solutions collaborates with Roctool based in Le Bourget du Lac, France and in Shanghai, China, and Reichle Technologiezentrum from Bisingen an der Teck, Germany to demonstrate the customer benefits and possibilities with such a smart texturing solution which meets the immediate needs of customers globally.

**We look forward to seeing you on our stand at the  
[K-Show 2019 - Hall 15, C41](#)**

About Roctool: [www.roctool.com](http://www.roctool.com)

Founded in 2000, Roctool is a technology and manufacturing solutions provider offering engineering services and systems. The Roctool induction process, perfectly adapted to plastic injection and compression molding, is available in many configurations to meet industrial requirements. Roctool's research and development team is constantly adapting its technologies to new materials, particularly metals. Roctool is the leader in heat and cool technologies, and today offers HDPlastics™ to plastic molders, Light Induction Tooling technology - LIT™ to suppliers of composite parts and Induction Dual Heating technology - IDH™ for complete molding solutions. The processes developed by Roctool are used in production by leading brands in innovative sectors such as automotive, aerospace, consumer products and electronics. They offer many advantages, including reduced cycle times, excellent surface quality, weight and performance savings, which allows manufacturers to reduce the overall cost of the parts produced. Roctool is listed on the Euronext Growth market in Paris. Its headquarters and R&D center are located at Le Bourget du Lac (France). Roctool also has offices and platforms in North America, China, Japan, Taiwan and Germany.

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