

Press Release

Wednesday, October 19, 2022

Roctool presents its Eco-Molding initiative at K-2022 with 2 live demonstrations

Roctool presents 2 Live molding demonstrations on 2 stands, showcasing Roctool's latest initiative "Eco-Molding", combining innovative textures, recycled materials & Roctool state of the art heat and cool technology.

- Live demonstrations on **Roctool** booth **Hall 15, C41**
- Live demonstration on **ENGEL** booth **Hall 15, C58**
- Roctool will also showcase multiple applications including Automotive, Beauty, Consumer Goods & Electronic applications.

Live Demonstration of a 2-Cavity mold with inter-changeable inserts on the Roctool booth Hall 15, C41:

This live demonstration on Roctool stand features an injection molding machine CX110-380 from **KraussMaffei**, Roctool's longstanding show partner, 25kW & 50kW air cooled generators, that are user friendly, compact and lightweight, ideal for small parts and a micro thermoregulator which are all designed for the Roctool process.



Roctool will be running sessions during the 8-day show, using various materials and inserts with different textures and effects.

The Roctool technology demonstrates the exceptional mold replication directly onto the part surface to reach uncharted territories of design and functionality. Every visitor can experience the enhanced surface quality versus conventional molding with fast cycle times. Some of the unique innovative textures are realized by **Standex** Engraving in collaboration

with Roctool using different types of resins.

Many Roctool experts will attend the show to discuss with visitors how the Roctool technology can help thickness reduction, surface defects removal, molding recycled resins, material flow extension or again reducing injection pressure.

Live Demonstration of a high-quality, thin wall housing part made with recycled materials:

Roctool Eco-Molding initiative is highlighted on the **ENGEL (Austria)** stand, using an e-mac 465/160 injection molding machine. The parts being produced are made from post-consumer recycled plastics from **Lavergne (Canada)**. The unique surface textures were laser engraved by **Standex (Italy)**, **Moldetipo (Portugal)** built the mold with **INCOE (USA)** providing the hot runner system. Roctool technology allows to mold an ultra-thin wall housing without surface defects.

A real team effort to bring this live demonstration to life for the K-2022.



Thin wall housing made out of post-consumer recycled plastics

Roctool technology is pushing the boundaries of plastic processing, entering new design possibilities, reaching sustainable goals with best-in-class molding performance.