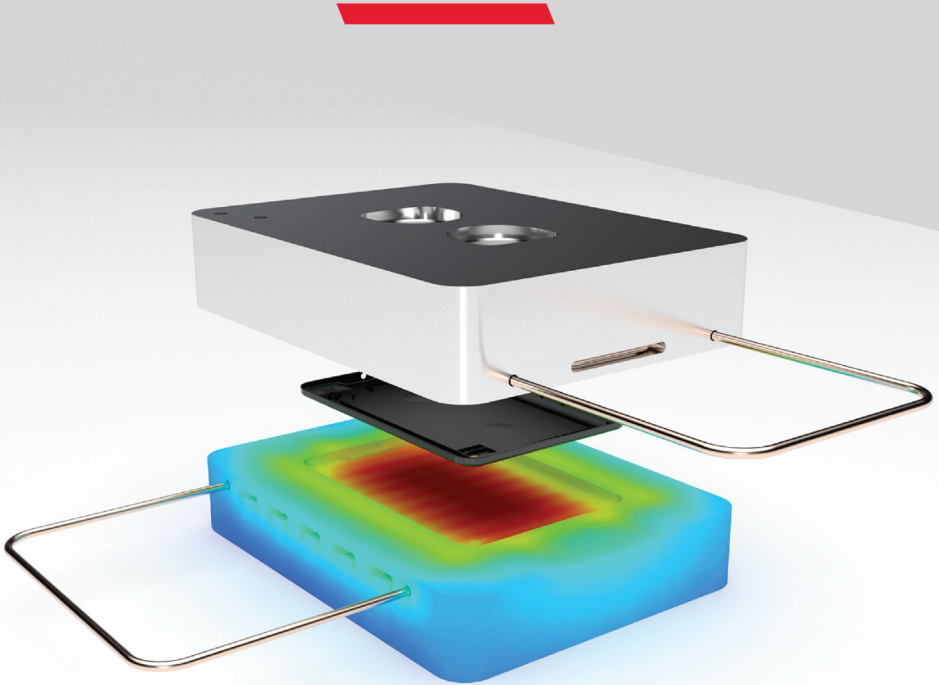




ROCTOOL TECHNOLOGY

THE LEADING INDUCTION HEAT & COOL TECHNOLOGY
APPLIED TO INJECTION AND COMPRESSION MOLDING



Roctool uses induction heating to quickly heat the mold and water to cool it down before demolding.

The Roctool process is globally patented, currently used in production in multiple industries in order to improve surface quality on parts, extend materials flow length, reach high temperatures and other unique processing advantages.

ROCTOOL INDUCTION HEAT & COOL EQUIPMENT



EASY TO INSTALL

The Installation is quick and easy.



COMPACT

Equipment has been reduced to a minimum size and weight.



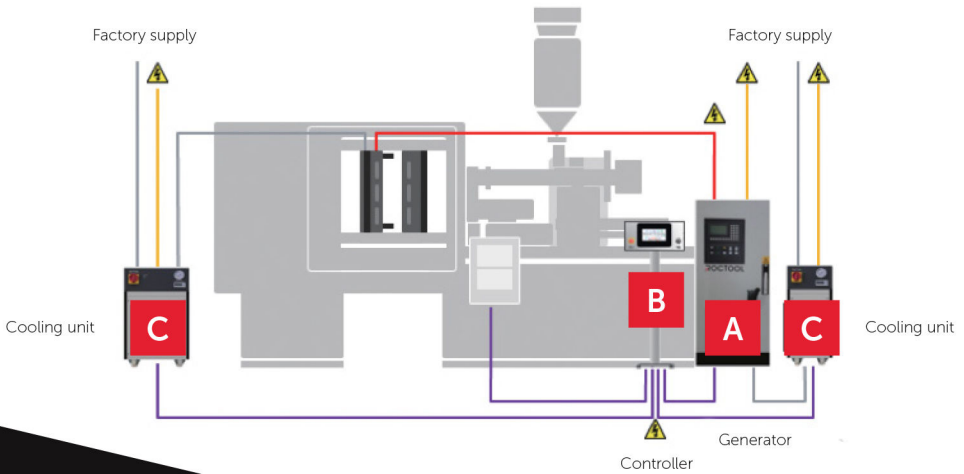
POWERFUL

A wide range of equipment to choose from.



EFFICIENT

Roctool technology saves you significant energy costs.



A

GENERATOR

Induction heating system provides power to the mold (inductors) & connects to the factory supply. Ranging from 25kW to 300kW, available single or dual output.



B

CONTROLLER

User friendly, tactile controller that communicates with the press and controls the generator and other equipment. The controller programs all Roctool processes.



C

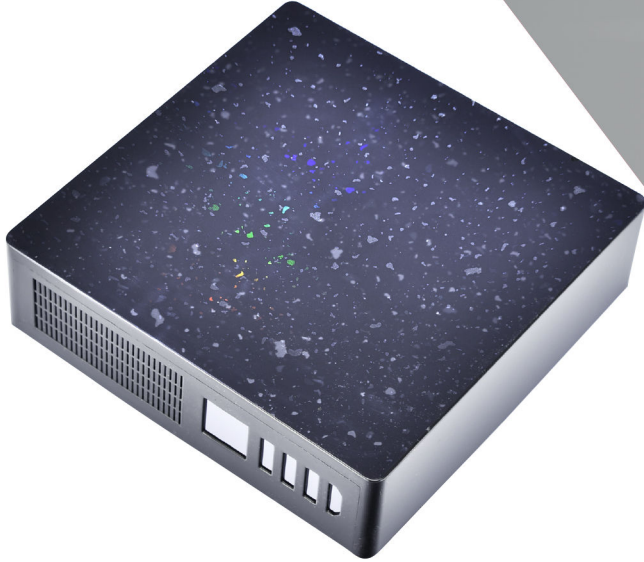
COOLING UNITS

Highly efficient mold thermal regulation modules and Generator water cooling systems.





HEAT & COOL TECHNOLOGY



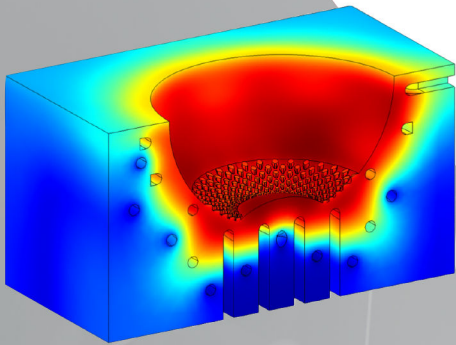
PLASTIC INJECTION



COMPRESSION MOLDING

Constantly researching the most sustainable resins and materials

ECO-MOLDING®

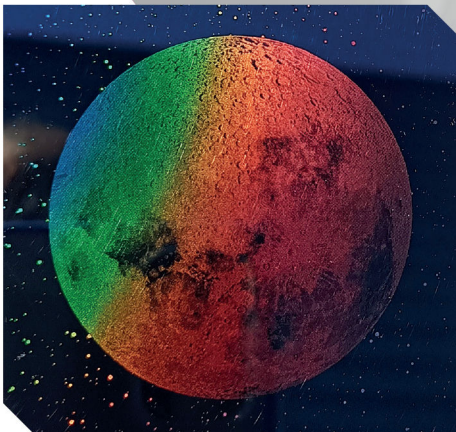


ROCTOOL PROCESS

- Surface quality
- Thin wall
- High speed heating

SUSTAINABLE MATERIALS






- Post-consumer recycled
- Natural Filler
- Bio sourced polymer



SURFACE TECHNOLOGIES







- Design
- Functionality
- No secondary operations

COMPLETE OFFER TO ADOPT THE TECHNOLOGY







-  1 INITIAL FEEDBACK
-  2 FEASIBILITY STUDY
-  3 ENGINEERING & SIMULATION
-  4 TOOLING & EQUIPMENT
-  5 INSTALLATION & SUPPORT

ADVANTAGES

APPLICATION

-  No weld lines
-  No paint or secondary operations
-  Thin wall & lightweight
-  Flow length extension
-  Perfect mold replication
-  High gloss

PROCESS

-  Low energy
-  Fast heating
-  Fast cooling
-  Precise temperature control
-  High temperature
-  Shorter cycle time

INDUSTRIES

ELECTRONICS

AUTOMOTIVE

AEROSPACE

BEAUTY

MEDICAL

CONSUMER PRODUCTS

SPORT & LEISURE

ENERGY



WORLDWIDE

OFFICE - TEAM - DEMONSTRATION CENTERS



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MEXICO \ BRAZIL \ SWEDEN \ CZECH REPUBLIC \ SOUTH KOREA



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