

Press release

Paris, March 30th 2004

ROCTOOL INTRODUCES THE CAGE SYSTEM[®] : AN INNOVATIVE PROCESS FOR THE FABRICATION OF COMPOSITE MATERIALS

THE CAGE SYSTEM[®], AN INNOVATIVE GENERIC PROCESS

After four years of research, RocTool recently released the *Cage System[®]*, a new process of composite transformation for the high speed fabrication of hollow parts, sandwiches or shells in different materials such as thermoplastics or thermo sets, fiberglass, carbon fiber, SMC, rubber...

This *revolutionary process* uses an *inductive heating* which permits the *instantaneous heating* of the surface of mold *and only of this surface*. The inductors form a cage around the cast. After positioning the material to be transformed, an electromagnetic field is created and electrical currents directly heat the mold's surface. The part is cool after its extraction. This process nullifies the mold preheating and lowers the energy consumption. The *Cage System[®]* allows a high production rate. Time cycles can be reduced with automatisation which reduces *the production cost of 30 to 40 %*. Also, the transformation in a closed mold respects the fabricating environmental standards.

A NEW ROCTOOL PRODUCTION LINE TO SERVICE THE INDUSTRIAL COMPANIES

RocTool announces the creation of a new production line of composite parts in Chambéry, France, at the end of 2004. Exclusively equipped with the *Cage System[®]*, this new line is dedicated to industrial companies willing temporarily to make their parts with this process before investing in the technology. The *Cage System[®]* is also available through licensing agreements.

ROCTOOL, AN INNOVATIVE START-UP

Created in 2000, RocTool is the winner of the 2001 JEC Awards and the National Contest of Creation of Innovative Companies. RocTool is also supported by ANVAR¹ as well as private and public shareholders: 70% of RocTool's budget is dedicated to the R&D.

"RocTool changed, says Alexandre Guichard, RocTool CEO, reinforcing its know-how and its patents. RocTool just raised 2 million euros to finance the Cage System[®] and its sales/marketing development. The company went from 2 to 15 employees, and improved its sales force with a sales office in Atlanta (USA)".

Pictures available from Apocope :

- *Cage System[®] pictures*
- *RocTool's logo*
- *RocTool's head office*
- *Picture of Alexandre Guichard*

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