



## For the trade press

### **protoform® K. Hofmann GmbH participating in the first AIRTEC trade fair**

04 July 2006

Development company protoform® K. Hofmann GmbH decided to participate in the first AIRTEC trade fair 2006 held from 17 to 20 October in Frankfurt/Main. This decision is based on a business policy decision as the company which has previously been very active in the automotive industry is planning to expand into avionics.

protoform® K. Hofmann GmbH will therefore be exhibiting in hall 8.0, stand G 95 at the 1st Airtec trade fair. The AIRTEC International Aerospace Supply Fair will be held for the first time in 2006. The ladies and gentlemen of the press are welcome to visit and will receive illustrative material, specific information and a comprehensive press folder (see below) at protoform®'s trade fair stand.

protoform® K. Hofmann GmbH is a development company specializing in product development, prototype production and the production of plastics and hybrid plastics components. The company is developing and producing plastics components and assembly groups as prototypes and in small quantities, in the same material as in mass production, in "Made in Germany" quality, based on the patented "Space Puzzle Molding" technique.

protoform® K. Hofmann GmbH, Fürth, a development and production company with a staff of 100 in development and design, mold construction and plastics injection molding, supplies prototypes and series of ready-to-fit original components in marketable and market-conforming quantities of up to 3000 parts.

Due to its newly created network of partners, the development company protoform® K. Hofmann GmbH is able to offer a complete process chain with services ranging from product ideas over CAD design and prototype production to ready-to-fit and marketable small batches, mold construction and series production for plastics and hybrid plastics parts.

protoform® K. Hofmann GmbH uses the Space Puzzle Molding method (SPM technique) for product development exclusively in Europe. The Space Puzzle Molding (SPM) technique is a combined rapid tooling (RT) and rapid prototyping (RP) technique which owing to optimized CAD design is able to offer simplified aluminum molds at a favorable price and extremely fast. Consequently, prototype series and small batches of plastics components up to several thousand pieces can be produced in original plastics material at short notice, in mass-produced component quality, within the framework of semi-automated individual production on normal injection molders.

The Space Puzzle Molding (SPM) technique enables the production of reasonably priced testing series and pre-series of series-identical plastic parts made of original material and marketable small batches in quantities of several thousand units for first-off series production. The produced parts can be used for testing and marketing purposes and integrated into and used for first-off series production.



With the SPM technique and its in-house mold construction department, protoform® K. Hofmann GmbH can cover the whole plastics product development process chain from development and design, prototype series and small batch production of components with series-identical material and in mass-produced quality in units of up to 3000 pieces – in all areas of industry. The Space Puzzle Molding (SPM) technique is primarily used in automotive, above all by reputable European automobile manufacturers and their suppliers. Leading automobile manufacturers recommend using the SPM process for product development and first-off series production.

## **Press Contact**

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