



## Press Release

Schaffhausen, October 2007

### **PRIAMUS and Gammaflux Combine Proven Technologies in Hotrunner Balancing**

The PRIAMUS Fill & Cool system has already proven itself since many years around the globe and numerous well-known customers have testified its benefit in an economic point of view.

Besides the original function of simple balancing of multi cavity hotrunner molds the applications today go far beyond this purpose. The melt flow in large surface molded parts such as car bumpers for example can just as well be controlled and kept constant as in sequential molding or liquid silicon rubber applications (LSR).

The basis of this process is the measurement of the cavity temperature directly on the surface of the mold. This is also the requirement for the control of the cooling circuits in the mold. First of all in order to achieve equal temperature conditions over the whole cross section of the molded part, and finally in order to achieve equal conditions for the shrinkage of the part.

The technical advantages of the system such as the automatic fill time optimization or the automatic adjustment of viscosity variations result in high precision and repeatable part dimensions and in consistent and repeatable part weights.

With Gammaflux one of the well-known manufacturers of hotrunner controllers has decided to integrate the benefit of this technology into its TTC hotrunner controller family.

The advantages for the user are obvious.

By integrating the PRIAMUS Fill & Cool system into the Gammaflux TTC Hotrunner Controller only one platform is needed for both systems. This saves considerably space in production and simplifies the operation for the user essentially. At the same time the integrated system is significantly less expensive than the single systems because only one platform – that is computer, screen etc. – must be used.

For PRIAMUS and Gammaflux this means a far-ranging partnership, for all users it means the highest possible economic benefit for all hotrunner applications.

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