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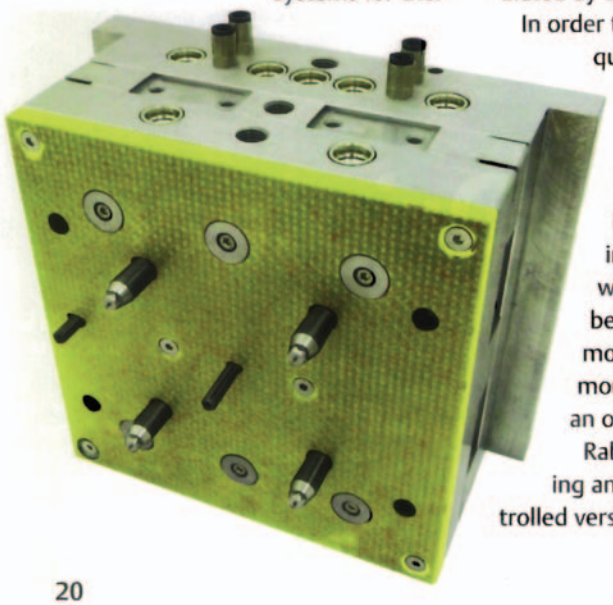
Adjustable Cold Runner System Ensures Good Injection and Flow of Liquid Silicone

A **cold runner system for the injection of liquid-silicone resins** is available from **Rabourdin,** the European manufacturer and supplier of metal mould components and hot runner systems for thermoplastic injection moulding. The cold block, built into the upper part of the mould, includes the resin distribution runners and the nozzles feeding each cavity. The whole unit is regulated by appropriate water circuits.



In order to optimize production quality and liquid flow for each cavity, the nozzles can be open or closed with a sealing needle activated by a pneumatic cylinder, and the feeding runners are equipped with flow limiters that can be adjusted from outside the mould. The two parts of the mould can be assembled via an outside flanging system.

Rabourdin is now developing an electromechanically controlled version of this product for moulds intended for use in white rooms. Its cold blocks can be used to build multicavity mould tooling.

Rabourdin works with mould makers in developing and adjusting their silicone moulds, providing a complete service from analysis of the part to construction of the mould. By offering standardized solutions that embody tried and tested technical systems, the company enables customers to realize significant advantages in productivity and maintenance without incurring burdensome investment costs. Its capabilities extend to satisfying complex requirements in silicone and thermoplastic multimaterial moulding.

» ***Rabourdin Groupe***
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