



CUMSA is dedicated to the design, manufacturing and distribution of innovative standard solutions for the mouldmaking and moulding industries. Their goal is to bring new solutions and advantages in terms of time reduction in manufacturing, assembly and adjustment, as well as minimizing the production downtime and eventual costs.



## **Sprung Cores**

Minimum space required for installation, only needs the space of an ejector. No milling, grinding or hardening other than the machining of detail needed. All machining is made 90° to the parting line. No need for complex mechanical systems.



# Air Poppets

Manufactured completely from stainless steel this unit has the advantatge of high airflow. It is manufactured in seven standard dimensions. Helps part ejection with air. Available in a wide range of diameters



#### Modular Retainers

Useful for moulds that require delayed opening of parting line. Resistance can be increased by adding clips.



#### Vertical Lifter Blocks

The main characteristics of the vertical lifter block is its perpendicular movement with respect to the eject or plates and the ease of adjustment. Reduces costs in machining, fitting and tool downtime. All machining is made in a 90° position. Less space is required compared to conventional solutions.



### Slide Retainers

Easy and useful, this unit needs minimum space for installation and access. Less machining for installation compared to similar products on the market.

Reduces costs in tool downtime.

For the full range of Cumsa and our other products, contact Hales.

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