

CUMSA

INNOVATIVE SOLUTIONS
FOR YOUR MOLDS

VACUUM SYSTEM



THE ROAD TO IMPROVED QUALITY

VACUUM

EN

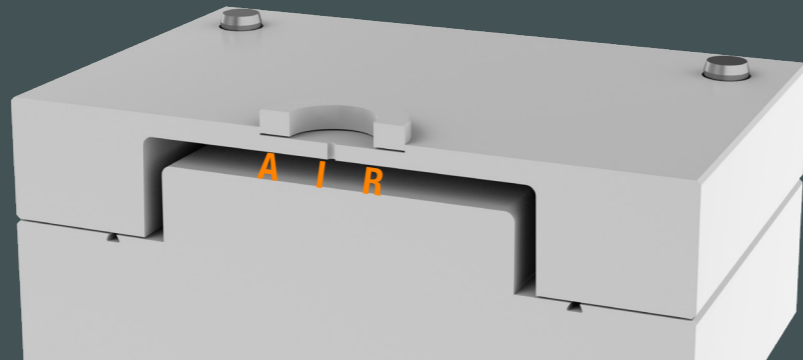


VACUUM SYSTEM

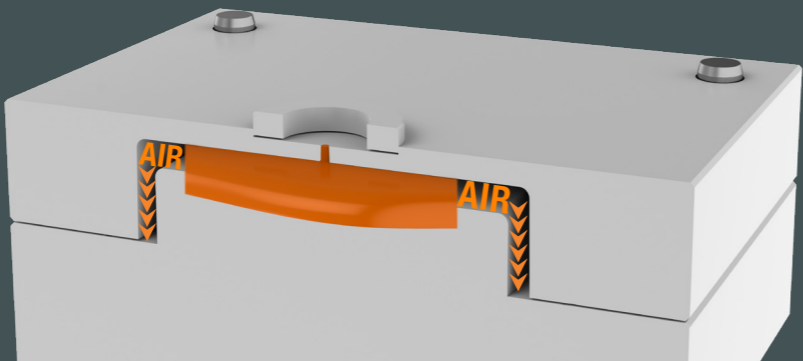
THE AIR PROBLEM IN THE MOLD



When the mold closes, the air from the atmosphere is trapped inside the cavity.

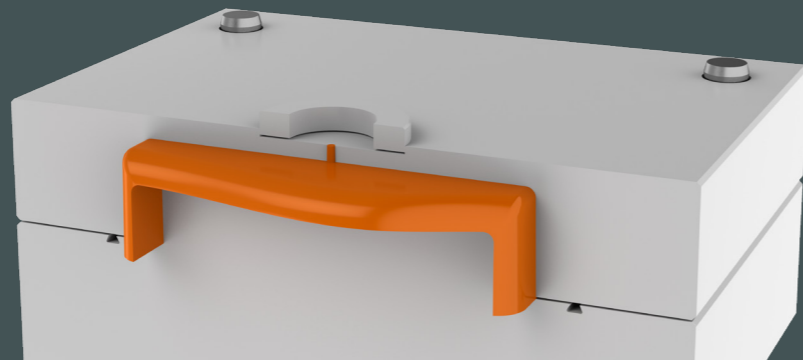


This trapped air is cornered, heated and compressed by the melted plastic, complicating the perfect cavity filling.



WITH CUMSA VACUUM SYSTEM:

The air is removed from the cavity, allowing perfect distribution of the plastic within the cavity.



See benefits in the next page

CUMSA VACUUM SYSTEM - ADVANTAGES

IN THE INJECTED PLASTIC PART:

- Superior visual appearance (less sink marks).
- Dimensional stability (less weld lines).
- Uniform color.
- High mechanical resistance due to perfect plastic distribution.

IN THE PROCESS:

- Reduced cycle time.
- Increase in production.
- Lower injection temperature & pressure.
- Optimization of the injection parameters.
- Considerable energy saving.
- Perfect plastic filling.
- Elimination of gas bubbles.

CUSTOMER TESTIMONIALS



“A lower injection pressure achieved”
(from 800bar. to 500bar.)



“Reduced cycle time by 4 seconds”
(20% less)



“Problems with visual appearance solved. Zero scraps.”

VACUUM MAIN UNITS



SV



VB



VG



VJ

VACUUM ACCESSORIES



VM



VV



PT



CV



JV

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THE FUTURE IS HERE



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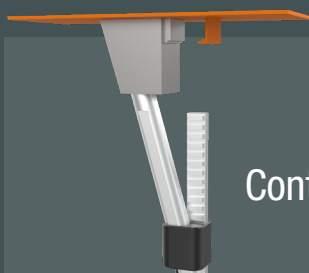
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