

# CUMSA

INNOVATIVE SOLUTIONS  
FOR YOUR MOLDS

SOLUTIONS FOR THE

# AUTOMOTIVE SECTOR



# PARTING-LINE PHILOSOPHY

CUMSA's parting line philosophy is simple: it allows you to have better access to the core of the solution, so maintenance is **easier** and **faster**. No need to stop the production line for hours to make a small modification, with CUMSA's smart technologies, you'll have it done in no time!

## COMPACT, MINI & COOLED SLIDE

Individual floating insert that allows self-centering.

- Fast and easy installation, as well as a faster maintenance process.
- Compact size, enables use in small spaces.
- Overall cost reduction up to 50% less than other slides on the market.

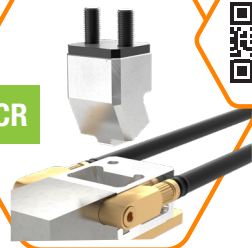
MS



CS



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## LONG STROKE FOR SLIDES

100% mechanical solution designed for moving slides up to 150mm, without the use of inclined guides or hydraulic cylinders.

- Can be installed in any slide.
- Durability and reduced wear.
- Overall savings of 30%.
- Appropriate for automation.

LS



## CAVITY UNDERCUT

Fully mechanical system to release undercuts on the cavity side of the mold.

- Eliminates the need of long angle pins on the core side.
- Alternative to complex and hazardous mechanisms like Hydraulic or Gas Cylinders.
- Unmatched movement capability.
- Simplified installation and sizing.

CU



## DOUBLE RACK SYSTEM

The easiest, most versatile, and reliable way of releasing an undercut.

- Big-time savings, 76% less working hours on the ejector plates compared to traditional angle lifters.
- More robust and consistent mold plates.
- 8 different standard sizes to match any mold dimension and its requirements.
- Release undercuts up to 80mm.

DR



KR



XR



## EXTERNAL EJECTION

Compact and external double ejection system.

- Acts as pre-opening or double ejection, managing two ejector plate sets.
- Simple external installation.
- Easy adjusting and maintenance.

EX



EY



EZ



## VACUUM SERIES

Complete solution to remove the air in the mold and achieve an improved production.

- Consistent filling of the part, less air bubbles.
- Significant energy savings due to less injection pressure needed.
- Higher quality of the injected parts.
- Color uniformity, decrease in sink marks.

SV



## A FAMILY COMPANY



For over **four decades**, CUMSA has been a proud family-owned business delivering high-quality products and innovative solutions to mold makers worldwide. With a **global presence** that includes branches in the US, China, Italy and Portugal, as well as direct sales in Germany and Spain, our extensive distribution network ensures we're never far from you - no matter where you are in the world. CUMSA is your trusted partner in driving excellence across industries.

## OUR VALUES



Fully committed to customer satisfaction, our approach goes from pre-sales to post-sales services. Our product ranges from standardized to customized solutions that can be adapted to your project.

- Continuous investment in IT and quality control.
- Rigorous quality checks at every stage.
- Continuous employee training.

# CUMSA

[www.cumsa.com](http://www.cumsa.com)

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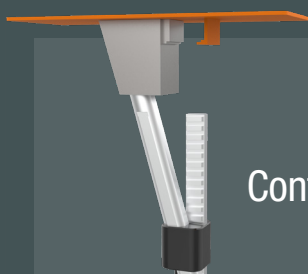
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