



*Over decade experience
in Building Plastic
Injection Molds for our
Maxico &
North American
Customers.*

Modular Molds & Solutions

THE ULTIMATE TOOLING SOLUTIONS

Since
★ ★ 2004

About us

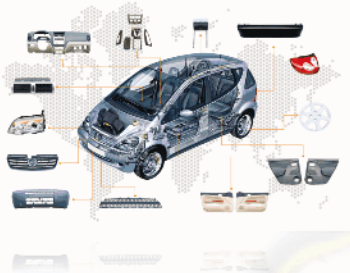
Modular Molds & Solutions is an ISO 9001:2021 certified mold manufacturing company located in Shenzhen, China. We specialize in the production of molds and offer comprehensive solutions to our clients. With a state-of-the-art manufacturing facility spanning 32,000 square feet and a highly skilled workforce of over 75 employees, we are fully equipped to meet the diverse needs of our customers.

Since our establishment in 2004, our primary focus has been to provide top-notch tooling services to clients in Mexico and North America. We take great pride in maintaining a consistent level of world-class quality in our products, while also ensuring competitive pricing. Our commitment to excellence has made us a trusted partner in the industry.



Our Focus

Our main area of expertise lies in plastic injection mold manufacturing, with a primary focus on serving the Automotive industry. We specialize in producing molds for various automotive components, including lighting, Interior and exterior parts with SPI A1 finishing products, among others. However, we are also planning to expand our mold manufacturing capabilities to cater to the medical, consumer, and industrial sectors in the future.



At Modular Molds & Solutions, we are proud to offer medium to large-sized high-quality plastic injection molds. With our extensive experience in mold design, mold flow analysis, and manufacturing, we are well-equipped to meet the demanding requirements of our clients. Our team comprises skilled engineers, managers, and toolmakers who are dedicated to providing superior customer service and ensuring the highest levels of quality in our products.

Our Mission

Our mission is to establish ourselves as a leading source of plastic injection molds in the Mexico and North American market. We aim to enhance our clients' competitiveness by providing them with prompt, high-quality, and cost-effective solutions.



We are expertise in

Automotive

Lighting products

Lens
Inner lens
Reflectors
Brackets
Light pipe
Extensions
Housings

Interior and Exterior products

Seating parts
Ducts
Trims
Consoles
Air intakes
Panels
Pedal arms



Engineering & Design

- Part Feasibility
- Mold Flow
- Support Part Modification for Tooling
- Strong Engineering Team
- Design for Manufacturing

Manufacturing

- Latest Technology
- High - Speed Machines
- Quality Control in every Process
- MRP - System & Monitoring
- Specialized in Functional Part with close Tolerance

After Manufacturing

- Tryout Support
- Steel Certification
- Part Dimension Assurance
- Service Support

Design

We firmly believe that a high-quality mold layout is crucial to achieving a world-class standard for our molds and tools.

Our Engineering Team is highly skilled and experienced in meeting the rigorous standards and requirements of the North American market. They are well-versed in the specific regulations, guidelines, and quality standards that are expected in this region.

Polishing

We have a dedicated polishing team to produce the required finish for our tools (from SP1 A1 to B2).

Parting lines are refined by CNC to minimize hand work.

EDM

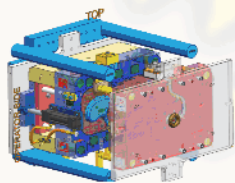
Our EDM machines are equipped with FCS to ensure quality sparking.

We have machines ranging from 700 to 1300, including twin head.



EDM Machines

1300 Twin Head x 2
850 Mirror finish
750 Mirror finish
750 x 2



Program Management

We have a dedicated English-speaking program management team in place. This department is responsible for overseeing projects from kick-off to tryout, ensuring effective coordination and execution throughout the entire process. Our qualified engineers utilize various tools and documents to plan and track each project meticulously. The job information sheet, checklist review sheet, weekly report, and mold progress sheet are utilized to monitor and control all phases of the project. These tools enable us to stay organized, ensure proper communication, and maintain a clear overview of the project's progress.

Our goal is to deliver projects on time and with the highest level of quality, while keeping our clients informed and involved throughout the process.

Quality

Quality is of the utmost importance to MMS and we use the latest technology equipment to ensure the excellence of our machined mold components.

Inspection Equipment

- ◆ CMM 1000 x 600 x 2
- ◆ Romer RS3 laser Scanner
- ◆ Height Gauge 800
- ◆ 3D-TESA Micro height gage TESA3
- ◆ 2D- Electrically Operated Computer Altimeter TRIMOSMT600M0
- ◆ Electronic Ratio Measure Mitutoyo 10-F-150

CNC

Our CNC machines are range from 650MM to 2000MM, capable of handling from small to big molds.

CNC Machines

650/24,000 RPM x 1 1600/8,000 RPM x 1
850/8,000 RPM x 1 2000/8000 RPM x 1
1050/8,000 RPM x 2 2013/18000 RPM x 2
1050/15,000 RPM x 5

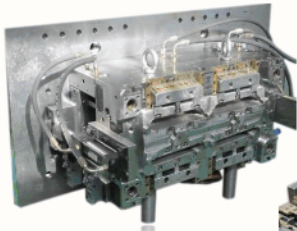
GUN DRILLING Machines

800 (3 Axis)



Mold Making

Modular Molds & Solutions benefits from a team of highly experienced mold makers who play a vital role in our ability to produce world-class molds. Their expertise and skill contribute significantly to the quality and precision of our mold manufacturing process.



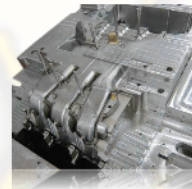
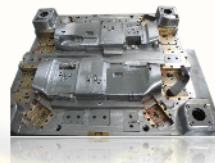
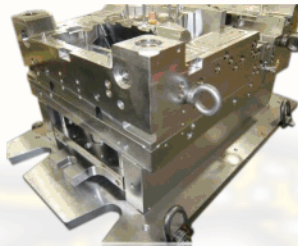
Crane

- 15 Tons (2Nos.)
- 10 Ton (1Nos.)
- 5 Ton (5Nos.)

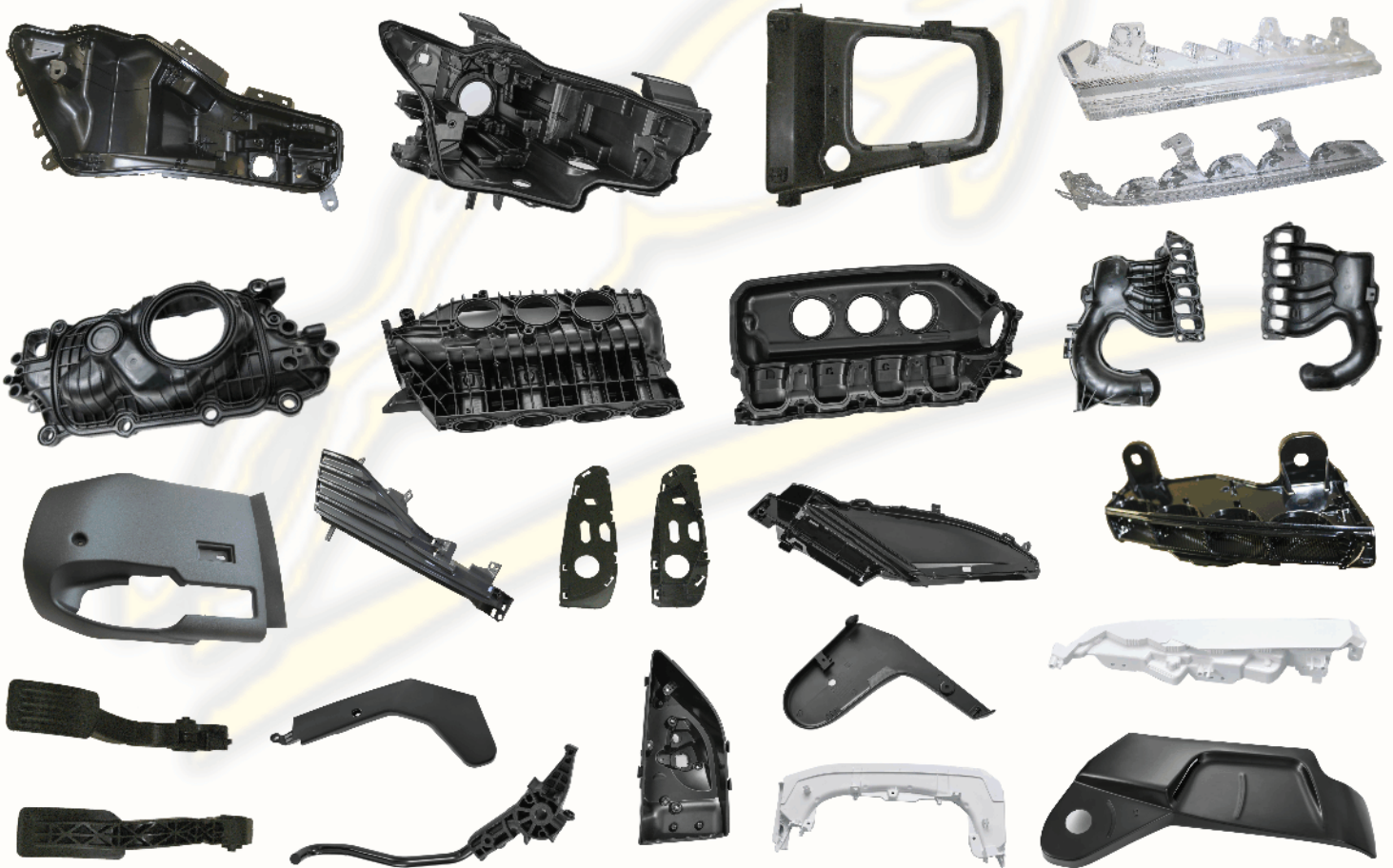


Spotting Press

- 1800 x 1300 200 Ton-1
- 1300 x 1000 120 Ton-1



Our Product Gallery



Our Management Team

OK Chao

Director

Yugesh Pa

VP of Sales & Engineering

Aiman Yang

Account Manager

TOOL SHOP

11 # Gongyi Road,
Heyi Community,
Sha Jing Town, Bao An District,
Shen Zhen, China



<http://www.modularmolds.net>
<http://www.modularmoldsamerica.com>

