



OMNI

MOLD & DIE

Omni Mold & Die is an experienced, high-precision machine shop based in Winston-Salem, North Carolina. With a focus on tool design, manufacture, machining, and repair of plastic injection molds, metal stamping and extrusion dies, and other custom tooling, Omni has been serving manufacturers in and around North Carolina for over 40 years.

Who We Are

Our in-house capabilities, experienced team, and comprehensive suite of machines allow us to deliver efficient and timely solutions tailored to the specific needs of our clients, thus maintaining and enhancing their production processes.

Our Details

- 40+ Years in Business
- 15,000 sq. ft. Facility
- Over 20 Employees
- 5 Ton Crane Capacity
- Multiple delivery vehicles
- Software options include SolidWorks, Fusion 360, AutoCad, SurfCam, and Esprit
- Multiple lift trucks

Why Choose Us



Precision Engineering

Ensuring your products meet the highest standards of quality and performance.



Timely Delivery

We understand the importance of deadlines and strive to deliver on time, every time.



Competitive Pricing

Offering value without compromising on quality.

Our Services

Custom Tool Design and Manufacturing

Our expert team utilizes the latest technology and industry best practices to create molds, dies, and other tooling components that meet your exact specifications.

Emergency Repairs and Hot Jobs

Our team stands at the ready to perform hot jobs for our customers. With our fleet of vehicles and dedicated drivers, we are able to respond with urgency when our manufacturing partners call to come pick up an emergency repair to keep their production up and running.

Overflow Work & Toolroom Support

We are perfectly equipped to tackle any overflow work your toolroom or maintenance shop may have. Our mission is to support your team so they can focus on bigger issues that may arise.

Contact Us



(336) 724-5152



www.omnimoldnc.com

Our Equipment

CNC MILLS:

Haas VF3 Vertical Machining Center
Haas VF6 Vertical Machining Center w/ 4th Axis
Haas VF7 Vertical Machining Center
Trak K3 CNC Knee Mill
Trak DPM2 CNC Bed Mill
Trak DPM5 CNC Bed Mill

EDM:

Charmilles Form 30 Die Sinker EDM
Cincinnati Electrojet Conventional Ram-Type EDM
Easco Sparcatron Conventional Ram-Type EDM
Charmilles Drill 20 Hole Popper

WIRE EDM:

GF AgieCharmilles Cut P550 (x2)

SURFACE GRINDERS:

Okamoto Linear 618B Surface Grinder (x2)
Okamoto Linear 6-12 Surface Grinder
Mitsui 200MH /6-12 Surface Grinder
Kent 8-18 Surface Grinder
Harig 618 Autostep Hydraulic Surface Grinder (x2)
Mark-2040 Hydraulic Surface Grinder

CYLINDRICAL GRINDERS:

Myford Inside-Outside Cylindrical Grinder

MILLING MACHINE:

Alliant Manual Mill w/ Digital Readout

HORIZONTAL BORING MILL:

Wotan B1005 Horizontal Boring Mill

LATHES:

SMEC/SAMSUNG SL1500M CNC Turning Center
ProtoTrak SLX 1630 CNC lathe
Select 1860G Engine Lathe

INSPECTION:

Keyence Handheld Probe CMM – XM-5000
CCP CC-20 Optical Comparators
Gage Master Finite Twenty Optical Comparator

SAW:

Cut-off Saw
Vertical Band Saw

SANDBLASTER:

Blast-It-All

WELDING:

HTS Mobile Short 160 Laser Welder
Heliarc welder- Miller Syncrowave 350
Heliarc welder- Miller Dynasty 200
Mig welder- Miller Millermatic 252

With decades of experience and a commitment to excellence, our team of employees is one of the most knowledgeable, skilled, and professional in the industry today. Don't just take our word for it! Come meet our employees and see the pride and dedication for yourself.



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