

Experience



Dynamic Group

Precision Medical Molds & Molding



***Manufacturing Medical Devices
With Better Designs & Faster Deliveries
From Tooling to Packaged Finished Products
For Over 46 Years***

ISO 13485 Certified
FDA Registered

Why Our Molding Customers Like Dynamic

The world's biggest, best, and most innovative medical device manufacturers have selected Dynamic Group to provide critical components for their most important products again and again for almost 30 years. Our success comes from carefully cultivating opportunities with the partners, programs, and parts our organization has built to create world-class value.

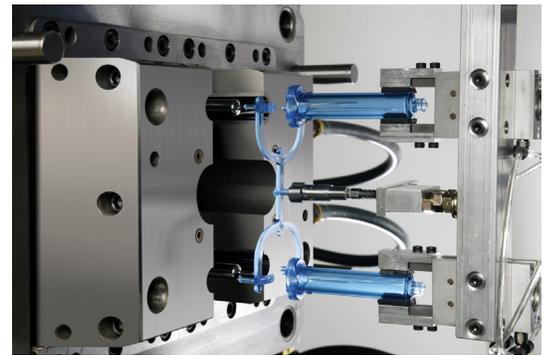
Dynamic Group understands that launching on schedule and within budget is one part of achieving maximum value for products, projects, and relationships. That's why our proposals go beyond a review of product specifications and project deadlines to include a review of your organization's cost and value drivers over the entire product and project lifecycle. Over time, this practice enables Dynamic Group to tailor our processes and offerings to become what feels like a high-performing extension of your organization with convenient, reliable, and broad capabilities.

Our Foundation:

- ISO 13485 certified and FDA registered
- Extensive experience and capacity for design and manufacturing of world-class molds
- Class 7 and Class 8 cleanrooms hosting injection molding, assembly, and packaging cells
- Injection molding machines from 20 to 400 tons
- Our state-of-the-art in-house team designs, builds and revises hundreds of molds every year
- Family-owned and operated for over 46 years

We Excel on Projects that:

- Require multiple injection molds to produce the variety of components or geometries required, meet capacity needs, provide redundancy, ensure supply continuity, etc.
- Offer early engagement with opportunities to provide design for manufacturability feedback
- Use collaborative multi-disciplinary teams to document cost and value drivers and create process development plans, validation plans, and comprehensive manufacturing system designs



We Excel with Products that:

- Are small, precise, and/or complex
- Need multi-shot molding, insert molding, assembly, packaging, ultrasonic welding, laser marking, solvent/UV bonding, etc.
- Require medical grade and/or engineering thermoplastic resins
- Consume 100,000 or more units per year after ramp-up

"Regulated markets have put expectations at a higher level than in the past. Dynamic Group has kept up with those needs."

The Dynamic Difference: Tooling

What sets us apart:

- Innovative design solutions for complex Plastic and MIM molds
- Detailed manufacturing planning, scheduling, and status reporting
- Capacity to address multiple mold programs simultaneously
- Mold Sampling and Part Qualifications
- Internal mold making reduces supply chain and accountability challenges

Ever since two young men first combined their passion and skills for building precision molds to found Dynamic in 1977, the organization has continued to align with individuals who value that precision above all else. To this day, Dynamic Group remains a leader in designing and manufacturing precision tooling for Plastic, Powder, and Metal injection molding throughout the United States.

Dynamic customers frequently share their appreciation for the accessibility and responsiveness of our team but especially value our transparency when offering our expertise and recommendations before receiving an order. As a trusted, reliable mold builder and uniquely experienced molder ourselves, Dynamic Group knows that the right solutions are the foundation for a successful molding project and the opportunity for our organization to continue as your long-term partner.



Our focus on concurrent manufacturing planning and Mold Design ensures that we can best utilize the most capable and cost-effective machining technologies, routinely achieving industry-leading tolerances. Our extensive visual scheduling system allows us to monitor and report the status of the individual components that most impact your lead time, and our customers appreciate the accurate and timely updates provided.

Our team's experience troubleshooting tooling issues for our molding operations extends to all our customers. And our extension of the organization's ISO 13485 certification to include our Tooling Operations ensures that the same processes used in our Medical Device Manufacturing are applied to monitor, identify, resolve, and share any quality issues throughout the Manufacturing of your molds as well.

"Dynamic Group continues to seek ways to improve quality and efficiency, and you always stand behind your work. Dynamic Group is the best mold shop I've dealt with in my mold making life. I greatly appreciate the 30 years working with your team, and I look forward to many more years to come."

- Tooling Engineer, MIM Tooling Customer

Why Our Employees Like Dynamic

Determination, Integrity, Respect, Compassion, and Gratitude are the foundation of a culture that our team and customers see in everything we do. Dynamic's culture results from a strongly aligned group of high-performing individuals who not only share these core values but consistently act to recognize and advance them. Exposure to this culture attracts excellence but experiencing it is what retains, strengthens, and escalates it.

We believe in nurturing the talents of our team. Employees with the potential and desire for personal growth have advanced in all business areas. Our apprenticeship program benefits not only from the diverse exposure to all aspects of injection mold building, engineering, or production management but, most importantly, the guidance and mentorship of experienced experts. This knowledge transfer strengthens the organization and has proven to be a career highlight for learners and mentors alike.



Our most influential, innovative, and valuable improvements are discovered, developed, and implemented by the people responsible for making the products, components, and processes our customers value the most. Everyone at Dynamic is encouraged and empowered to identify and drive improvements that meet our customer's needs and expand their sense of pride and purpose. Our team's pride in their contributions, peers, and collective accomplishments is evident in the cleanliness and organization of our facilities and the purposefulness of our work.



Our long-running commitment to the technical expertise of our people and manufacturing capabilities means we design and produce some of the world's most complex and precise molds and plastic components. As a result, opportunities to develop, hone, practice, and perfect new skills are abundant for everyone at Dynamic.

What we offer:

- Competitive wages and extensive benefits
- Flexible work shifts
- World-class working environment
- Comprehensive Toolmaker Apprenticeship program
- Growth opportunities for all employees in all departments

"Everyone that I have worked with has been willing to look at new ways to do things."

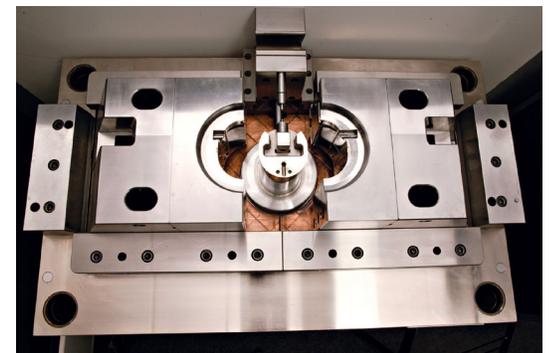
- Manager, Medical Products Company

Strategic Growth Under Consideration

Production Machining of Medical Device Components

The cost of meeting increasingly detailed and comprehensive regulatory requirements on medical devices has driven manufacturers to shrink the number of suppliers they work with and select partners with a wider variety of capabilities. Adding precision machining to Dynamic Group's world-class tooling and injection molding offerings would help prospective and existing customers keep the cost and complexities of managing vendors low.

Additionally, Dynamic Group is well-positioned to deliver industry-leading speed and value for precision overmolded components, one of the most challenging, rare, and valued capabilities in the medical device market. Many of the resources and capabilities required to succeed in this space are already in place at Dynamic: a QMS that meets the industry's requirements, precision machining centers and capabilities, robust manufacturing processes, sophisticated production management systems, access to the highly skilled and experienced labor pool, and abundant acquisition targets, strong relationships with equipment, service, software, and consumable suppliers, etc.



Creation of a Distinct Prototyping and Short-Run Value Stream

In the past, custom molders often treated prototype tooling, process development, and validation activities as loss leaders for all sizes of production molding opportunities. This changed when new regulatory requirements drastically increased the cost of bringing medical devices to market. Although demand for new low and middle-volume medical device molding projects did not slow, the number of projects finding a home decreased significantly as very few sellers could meet demand in a financially stable manner. As time has passed, the market has come to accept the increased costs of bringing low and mid-volume products to market. Still, supply remains low as companies struggle to consolidate demand and recruit the talent and resources needed to provide a reliable and sustainable supply. Dynamic Group's unique experience as a pioneer in this space, adjacent capabilities, access to the demand generators, and understanding of what is needed to be successful present an attractive opportunity to create and deliver value.

"Dynamic is on time and right the first time."

– Project Manager, Tooling Customer

Facilities and Equipment

Molding Facility Equipment

Presses

1 Arburg	Allrounder 470E 1000-290
1 Cincinnati Milacron	Roboshot S-2000i 110B
1 Toshiba	EC110N11V30-2
1 Toshiba	EC390NV21-17AT
1 Toshiba	EC65N11V30-15B
1 Toshiba	EC55SXV50-1
1 Battenfeld	BA1000/315 CDC
1 Battenfeld	TM1300/750
3 Battenfeld	BA250/050 CDC
2 Battenfeld	BA600/200 CDC
1 Nissei	TNS75RE
1 Niigata	MDVR85 S-1V
1 Nissei	TNS55ORE5VE
1 Cincinnati Roboshot	S-2000-SiB-55 2005
1 Milacron 110 Fanuc	Roboshot S20000i110
1 Toshiba/Shibura 2021 110	EC110SXIIIIV70-4
2 TIS	EC55XIIIIV70-7YZ

Inspection

1 OGP	Flash 302
1 Starrett	AVR300
1 Zeiss	O-Inspect 322
1 Keyence	VR-6200

Secondary Operations / Assembly

1 Keyence	Laser Engraver
3 Universal Robots	UR10/UR5
1 Dukane	Sonic Welder

Toolroom

1 Mitsui.MHT	MSG-200MH Grinder
1 Hardinge	TFB-H Lathe
1 Bridgeport	EZ Trak DX Milling Machine

13911 Unity St. NW	4.00 Acres
Ramsey, MN 55303	1997
	23,344 sq. ft.
	8,944 sq. ft. office
	14,400 sq. ft. manufacturing



Tooling Facility Equipment

Wire EDM

1 Fanuc	RobocutC600ic
1 Agie	Cut 2000
1 Agie	Vertex F
1 Charmilles	2020

Sinker EDM

3 Makino	Edge 2
1 Makino	EDNC 32
2 Makino	EDNC 43

Small Hole EDM

1 Yougar	YGS-43C
1 Astec	CDH-2A

Surface Grinding

3 Okamoto	ACC 8-20
11 Mitsui	MSG 6-12

Turning

1 Hardinge	Conquest T42
1 Haas	TL-1

Milling

2 Matsuura	LX-160
2 Makino	V55
2 Makino	E33
1 Makino	S33
1 Makino	GF6
1 Makino	KE55
1 Matsuura	MC600VF
1 Hurco	Ultimax SSM
4 Bridgeport	w/ EX Trak

Automation

1 3R	Workpal
1 3R	Workmaster

Inspection

1 Starrett	AVR300
1 Keyence	VR-3100
1 Mitutoyo	LSM-6200

Misc.

1 Foba	M Series Laser Marker
1 Orion	Micro Tig Welder

9553 Foley Blvd. NW	4.14 Acres
Coon Rapids, MN 55433	1981 (with '91 addition)
	16,744 sq. ft.
	4,200 sq. ft. office
	12,544 sq. ft. manufacturing

Additional Information Available

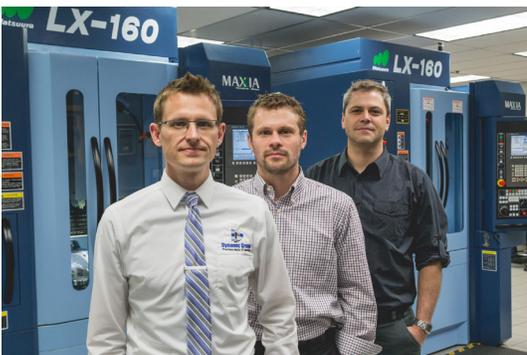
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dynamicgroup.com/rfq

Does Dynamic Group sound like the perfect place for your next career move?



View our open positions.



dynamicgroup.com/careers

View the latest news.



dynamicgroup.com/whats-new



Contacting Dynamic

Contact us today to schedule your tour, discuss your next tooling or molding project, for career opportunities, or with any questions you may have.



Administration/Molding

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Tooling

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