



CAMM
CANADIAN ASSOCIATION OF MOLDBAKERS



AUTOMATE
CANADA



2023 DIRECTORY

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ABOUT US



CAMM
CANADIAN ASSOCIATION OF MOLDBAKERS

The Canadian Association of Moldmakers (Camm) is Canada's leading association representing mold makers, service providers and suppliers to the global mold making industry. Established as the Windsor Association of Moldmakers in 1981, to provide a unified voice in representing the mold making industry, Camm was then established in 1992 to address Canadian industry needs.

Our main objective is to promote the mold making industry locally, nationally and internationally, as well as provide representation on behalf of our industry to Federal and Provincial governments. Camm weighs in on government initiatives on behalf of the industries we serve and ensures our inclusion in global marketing initiatives to develop trade and business opportunities for our members.

Camm is committed to the education sector which ensures our industry continues to grow and we continue to contribute to efforts encouraging youth to choose these trades as their career paths.



AUTOMATE
CANADA

Originating as a Camm committee, Automate Canada incorporated in 2021 and became an association representing the industrial automation sector, including service and supplier companies.

Canada has a reputation as a hub for innovation in manufacturing automation. We lead and advocate for the Canadian automation industry, assisting and promoting our members while engaging in activities that support business success and innovation expertise and showcase our industry's strengths and capabilities.

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Letter from CAMM's Chair

To our Dear CAMM Members

As 2022 draws to a close, we tread into 2023 with some sense of anticipation. While it would seem we have approached the end of the long winding COVID tunnel and are finally entering into the light, there remain subtle whisperings that there are still some lingering issues.

We enter into 2023 with a recession looming. Depending on who you speak to, some say it's here while others may say it's coming. There are many that are working 2/3 shifts daily and others that are experiencing substantial machine downtime. Whatever the case maybe we are a resilient group, and have weathered many a storm over the decades. I for one, over the past 3 decades have experienced a few. The effects of NAFTA, where we saw a gradual exodus of molders shifting their production to Mexico. Then came the China affect, and so began the outsourcing our molds to the Far East. Add to that the internet opening up the world and bringing us all much closer together. Accessibility to goods by the click of your mouse, hence we entered into Global Sourcing. For me personally the financial crisis had the most significant effect, as manufacturing virtually came to a standstill. The far reaching effects of the automobile reared its head. Furthermore, opening our eyes to how important it is to diversity ourselves. We then began to witness more amalgamations as we began to attract the interest of Global Equity organizations. We have all witnessed the results the pandemic has had on our manufacturing community, many of which were a positive. On the whole the average Canadian citizen came to realize the very existence and breadth of our manufacturers. Our capabilities, our resourcefulness, our expertise and above all our dedication to each of our sectors. With this awareness, we as an industry gained a new found respect and acknowledgement from the masses and more importantly the Government.

While automotive has, and most likely will always be the #1 product our community offers, there is a realization that there exists a great many other world class mold makers nestled within the Canadian moldmaking landscape. It is with this realization that our industry has the opportunity to flourish greatly in the months and years to come. The way we conduct our business as far as prospecting and attracting new business has been greatly affected by COVID. We have discovered that we can continue with business development remotely, from the comfort of our office, wherever that presents itself. Thereby greatly reducing our travel related expenses, while increasing our revenues. And for those that feel it worthy, thereby reducing our carbon footprint, by decreasing and in some cases, eliminating air travel.

This year CAMM is especially excited and thrilled to announce our CAMM CONNECTS Platform. This APP will present the talents, capabilities, and capacity of each participating company. CAMM CONNECTS will allow members to showcase their capabilities to the world. By working in conjunction with large OEM's, Tier 1's, trade associations, Government Agencies, trade publications CAMM CONNECTS will allow a window into your shop. Opportunities will be presented into the APP and matched with the best suited company/ies. Watch for more details on CAMM CONNECTS in the first quarter of 2023.

Reshoring could prove to be another positive outcome of COVID. We are all painfully aware and have experienced the impacts of the logistical nightmares that significantly impact our domestic production daily. There are indeed some aspects of manufacturing that can be brought back and re-established in North America. Never was this more evident than during the pandemic. With the introduction of EV battery manufacturing taking root in Canada, the need to have unrestricted access to raw materials domestically is critical.

There were a great many good news stories that we were presented with over the course of 2022, a plethora of funding to regions thru out Ontario and other provinces. These will have a positive impact on many sectors including auto and pharma. There is also the realization by our Government that there needs to be a call to action immediately addressing the shortage of skilled trades. For the amount of funding that will further our manufacturing, there is an equal, if not greater deficit, we are facing with the exodus of our skilled workers. For 2 decades, if not more, our moldmaking community has seen this coming, and no real action has taken place. Now we are shouting from the rooftops, as we are essentially sitting on the doorstep of this exodus.

CAMM is committed to continuing of efforts in this arena.

The Canadian Association of MoldMakers and its Board will continue to be dedicated to being the voice for all Moldmakers and exploiting the diversity of our Canadian mold shops. Making this our top priority while also addressing the obstacles and issues that our community is faced with on a daily basis. Labour shortages, ensuring the border remains free flowing, the introduction of technology and skilled trades are at the core of our mission.

CAMM will remain steadfast in advocating for you, the People who make the things, that make things.

Respectfully,
Kim Thiara



Letter from Automate Canada's Chair

Our Canadian industrial automation sector thrives on challenge and actively seeks out opportunities throughout the world. In the pages of this directory, you will see how our global impact on a comprehensive range of manufacturing operations is significant and game changing. In the face of supply chain bottlenecks, COVID-related workforce challenges and difficulty accessing our customer base, the Canadian industrial automation sector remained laser focused on our customers, fostering talent within our companies and continuing to diversify and improve on our innovative products and processes. Our investment in research & development has remained strong as has our investment into market expansion.

The roots of Automate Canada are in Southwestern Ontario, the manufacturing heartland of Canada, and are connected to the Canadian Association of Mold Makers (CMM). Our alignment is the natural result of a complementary focus on advanced manufacturing. This alignment has also served to support our efforts during COVID-19, with a sharing of best practices, industry leading information and advocacy on behalf of our sectors.

It is estimated that the Canadian industrial automation sector contributes \$7.2 billion in GDP to Canada's economy, employing approximately 58,000 highly skilled specialists. Over half of the firms in this sector are located in Ontario and their Canadian customer base includes the automotive, food, machinery and steel industries. Adoption of the kinds of advanced manufacturing innovations you will find in this directory have escalated to unprecedented levels as manufacturers seek to automate and improve operations. Our Canadian industrial automation companies are actively engaged in improving how manufacturing works. With expertise from robotics to advanced controls, emerging vision and virtual reality applications to digital technologies designed specifically for manufacturing, the Canadian industrial automation industry is smart, advanced and capable.

Automate Canada is the first association established in Canada specifically for the industrial automation sector, however our members have a deep and notable presence in the industry.

Thank you for seeking out information about our resilient, innovative Canadian industrial automation experts.





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(Cutting-edge solutions for future demands)

SUPPLY CHAIN MANAGEMENT

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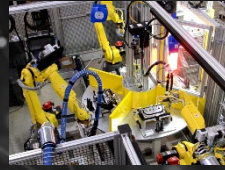
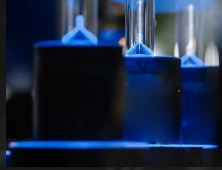
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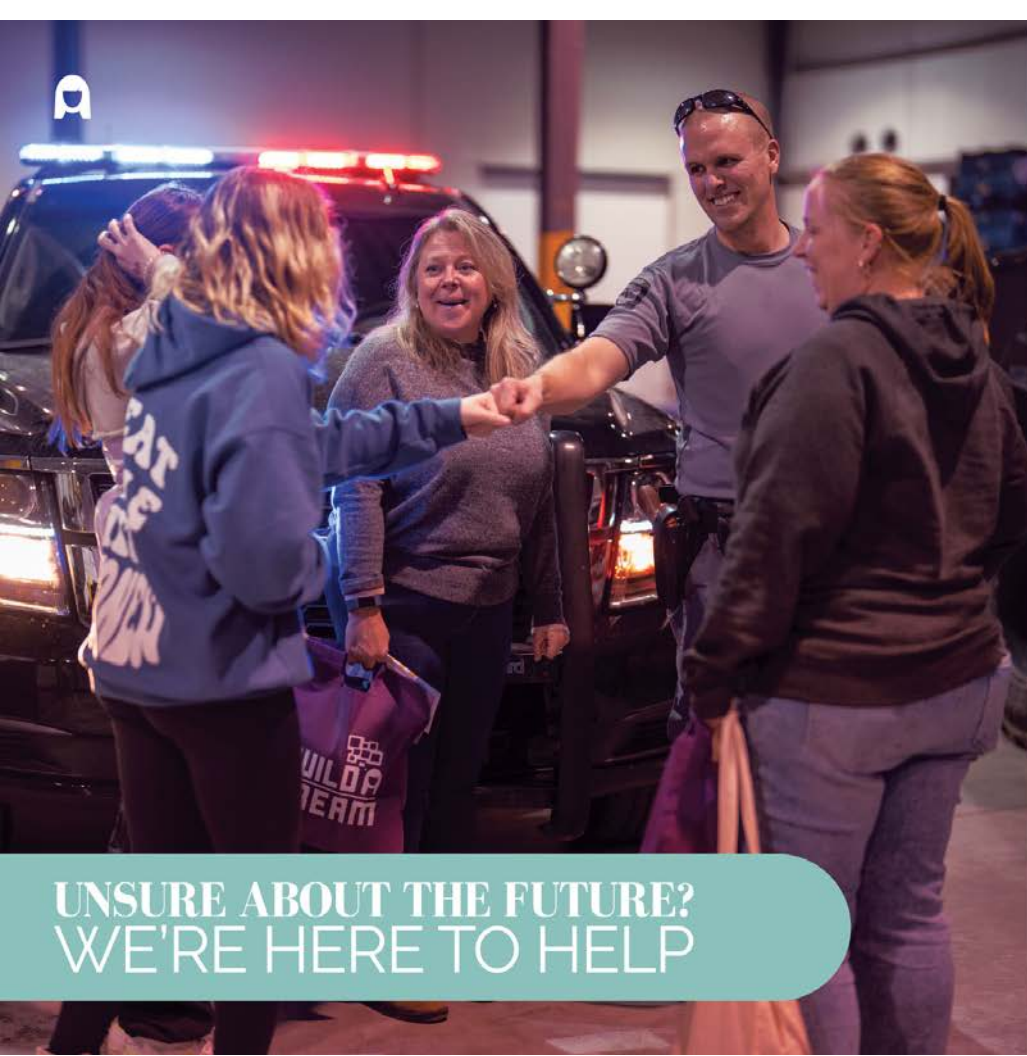


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CANADIAN ASSOCIATION OF MOLDMAKERS

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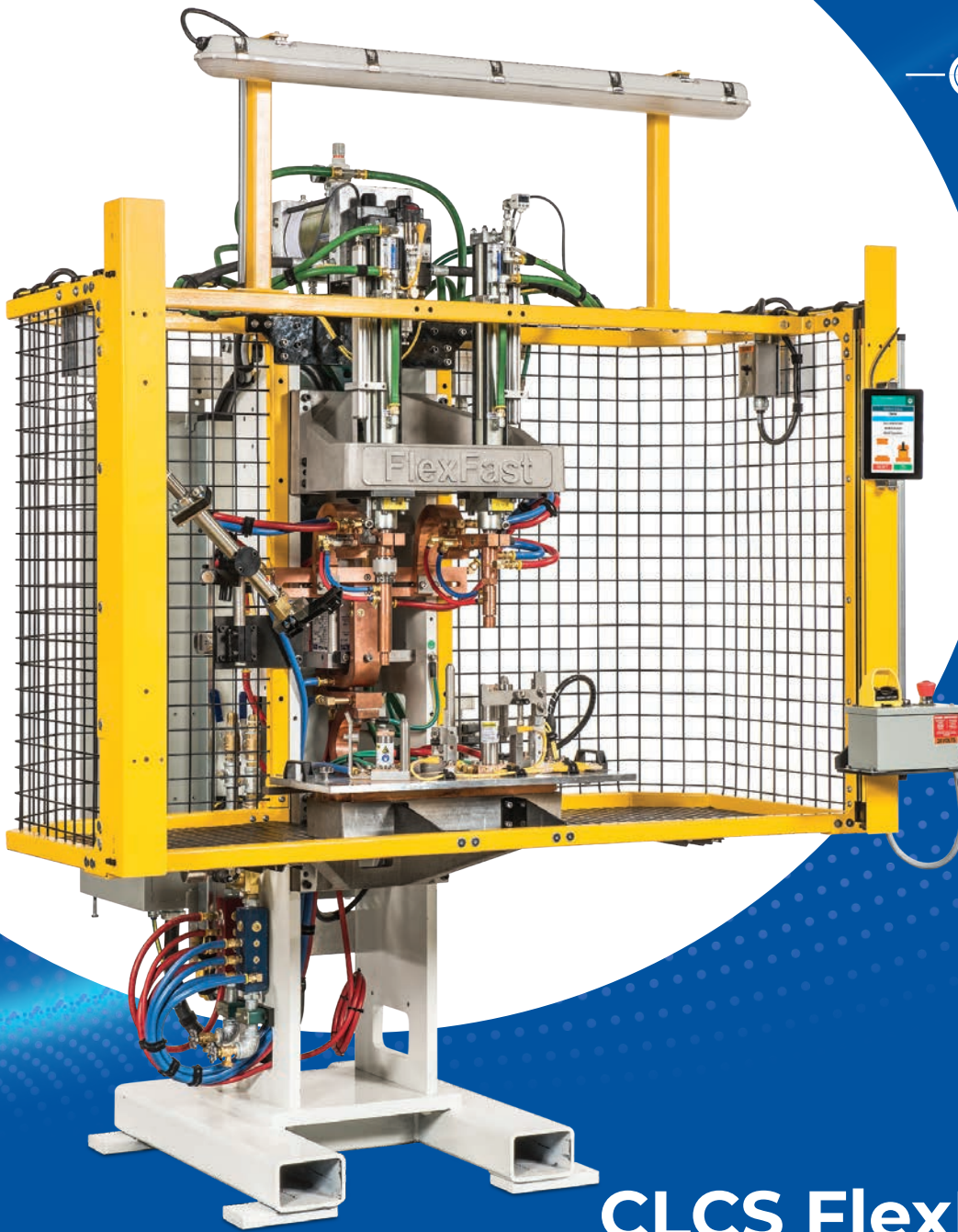
OUR COMPANY

- Industry 4.0 driven including full digital twin premanufacturing simulations. In-process on-machine validations coupled with third party post-manufacturing certification means we get it right first time and every time!
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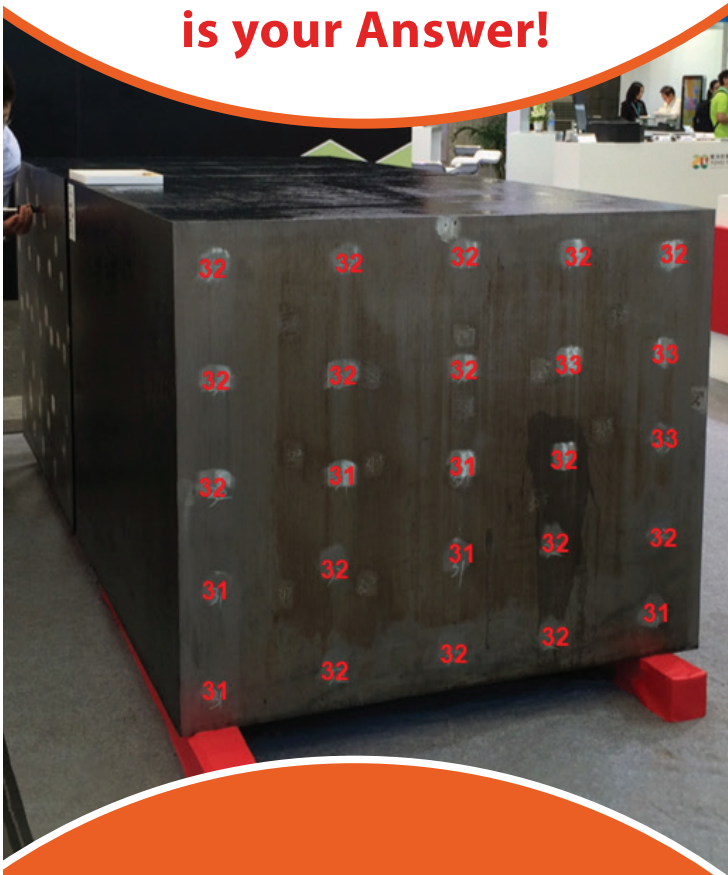


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Bronze: customized
Silver: \$2,500
Gold: \$5,000
Platinum: \$10,000

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Bronze: customized
Silver: \$2,500
Gold: \$5,000
Platinum: \$10,000

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The Strategic Pillars of our associations are Skill & Talent Development, Branding & Collaboration and Adoption of Technology. We work with sponsors and partners to address challenges, build initiatives, assist SMEs grow and expand, collaborate with global partners and encourage technology adoption.

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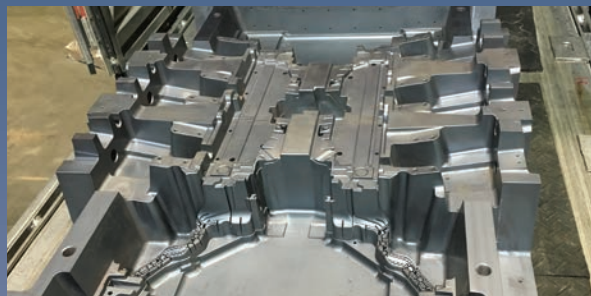
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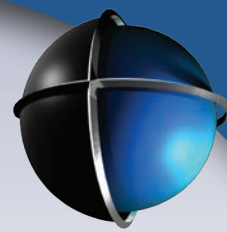
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Grades PreK-8 · Ages 4-16

A hands-on approach to STEM Learning

THE CHALLENGE

FIRST LEGO League's three divisions inspire youth to experiment and grow their critical thinking, coding, and design skills through hands-on STEM learning and robotics.

THE JOURNEY

From Discover, to Explore and then to Challenge, students will understand the basics of STEM. In Discovery (KG-Grade 1), children ignite their natural curiosity and builds habits of learning. In Explore (Grade 1-4), present their findings in the form of a team poster and a LEGO. In A Challenge Team (Grade 4-8), each season has three parts: the Robot Game, the Innovation Project, and the FIRST Core Values

THE OUTCOME

Using STEM concepts, students overcome the same challenges that scientists face today. They develop apply their skills in an exciting competition while gaining productive learning habits, confidence, and teamwork skills along the way.



Grades 7-12 · Ages 12-18

It's way more than building robots

THE CHALLENGE

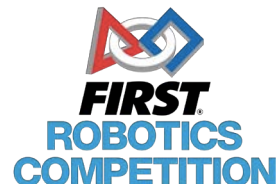
Guided by adult coaches and mentors, small teams of students design, build, code and operate Android smartphone-controlled robots to compete in an alliance format. Students are encouraged to create team brands to reach out to their communities.

THE JOURNEY

Teams program a robot by exploring engineering concepts, brainstorming innovative ideas, and developing career-ready practices and then compete at local and regional competitions, building up to the FIRST Championships. They earn awards based on teamwork, creativity, innovation and engineering process.

THE OUTCOME

Using developing their STEM skills and by mastering basic engineering concepts, students learn persistence, innovation and teamwork. Participants have access to over \$80 million in scholarships to colleges, universities, and technical programs



Grades 9-12 · Ages 14-18

The excitement of sport with the rigors of science and technology

THE CHALLENGE

Under strict rules and limited time and resources, high school students are challenged to build industrial-size robots to play a difficult field game in alliance. Each team develops a brand, raises funds to meet their goals and works to promote STEM in their community

THE JOURNEY

The program gives high school students and their adult mentors the opportunity to work and create together to solve a common problem. At district and regional events, cheering crowds root for qualifying teams as students compete with their robots for prestigious awards and a coveted spot in the FIRST Championship

THE OUTCOME

Using STEM concepts, students overcome the same challenges that scientists face today. They develop apply their skills in an exciting competition while gaining productive learning habits, confidence, and teamwork skills along the way.



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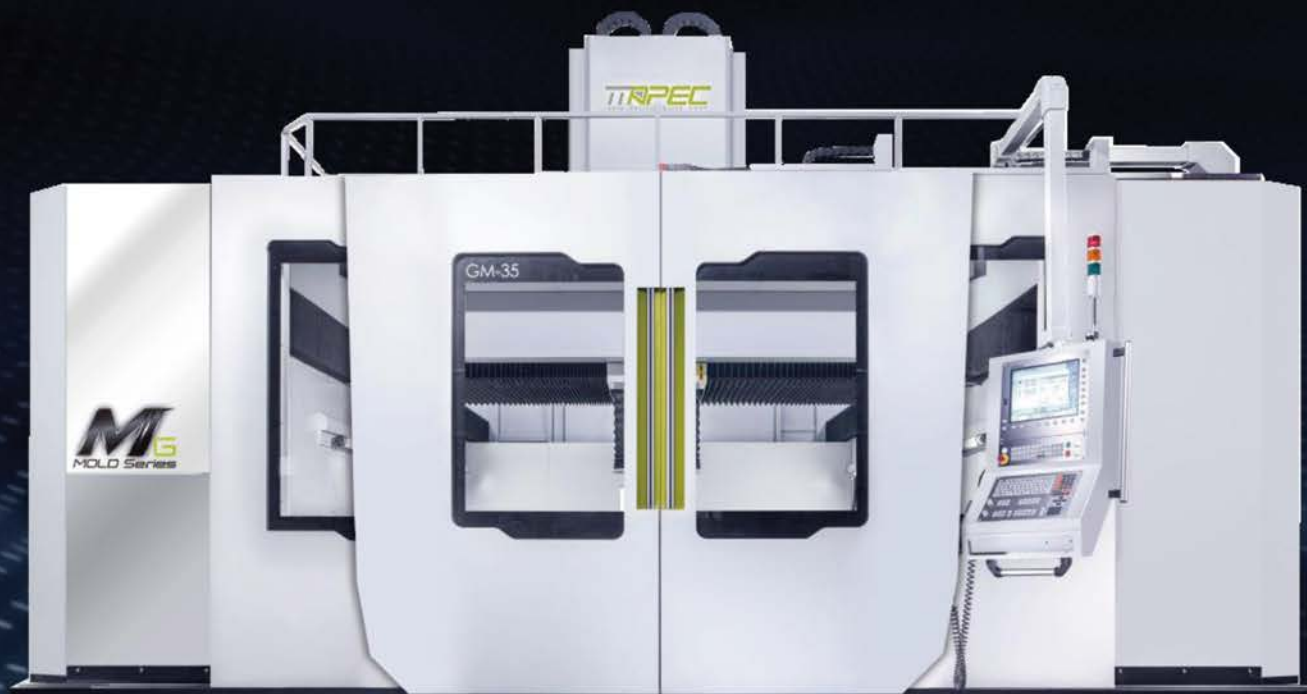
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CAMM

CANADIAN ASSOCIATION OF MOLDMAKERS

WHY JOIN OUR MEMBERSHIP COMMUNITY?

Our main objective is to promote our industry globally and provide representation to federal and provincial governments. We are dedicated to keeping our members up to date on industry news, activities and legislation.

As a CAMM member, you are part of a community of industry professionals.

BENEFITS

- Education - webinars and training
- Advocacy - lobbyists for legislation changes, provide exposure to trade commissioners and committee development to advocate for various areas, issues and constraints
- Events & Networking, including an annual golf tournament
- Member discount program
- Marketing and exposure
- Market research & surveys
- Industry news, subscriptions and monthly newsletter



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Description of Company:

- Established in 1998 as merger of companies founded in 1969 & 1976
- 250 Employees

Type of Molds Prototype and Production:

- Thin wall packaging
- PET Preforms
- Caps and closures
- Medical molds
- Multi-material
- Cutlery molds
- Quick Product Change (QPC)
- In Mold Labeling (IML)

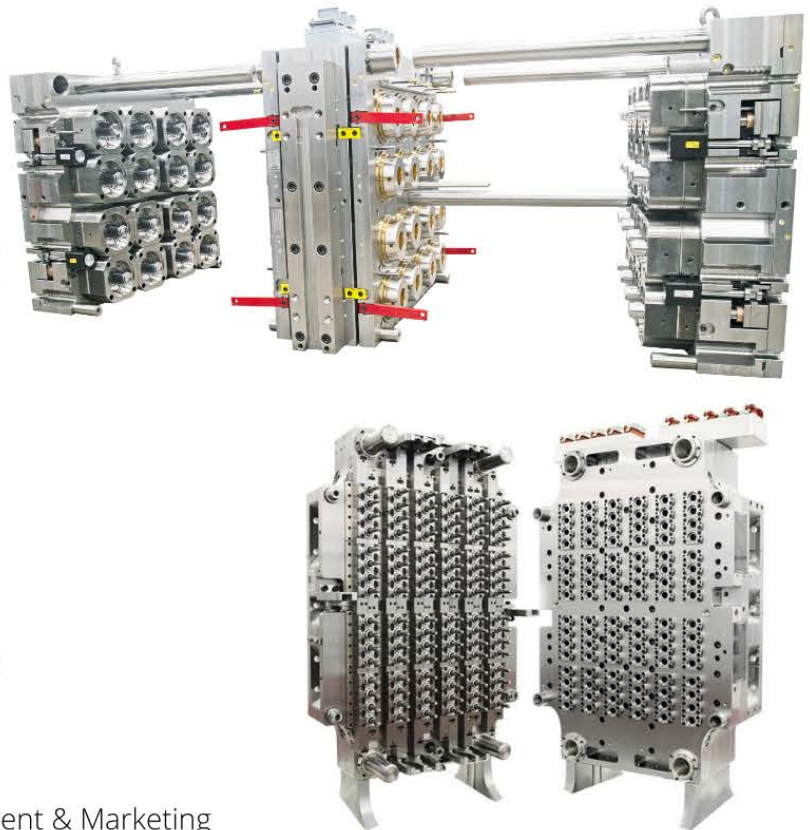


Specialties:

- Stack molds
- Collapsing core molds
- In Mold Closing (IMC)
- IML Automation including system integration
- Ultra-light weight thin wall technology

In House Capabilities:

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- Mold Refurbishment and Repairs



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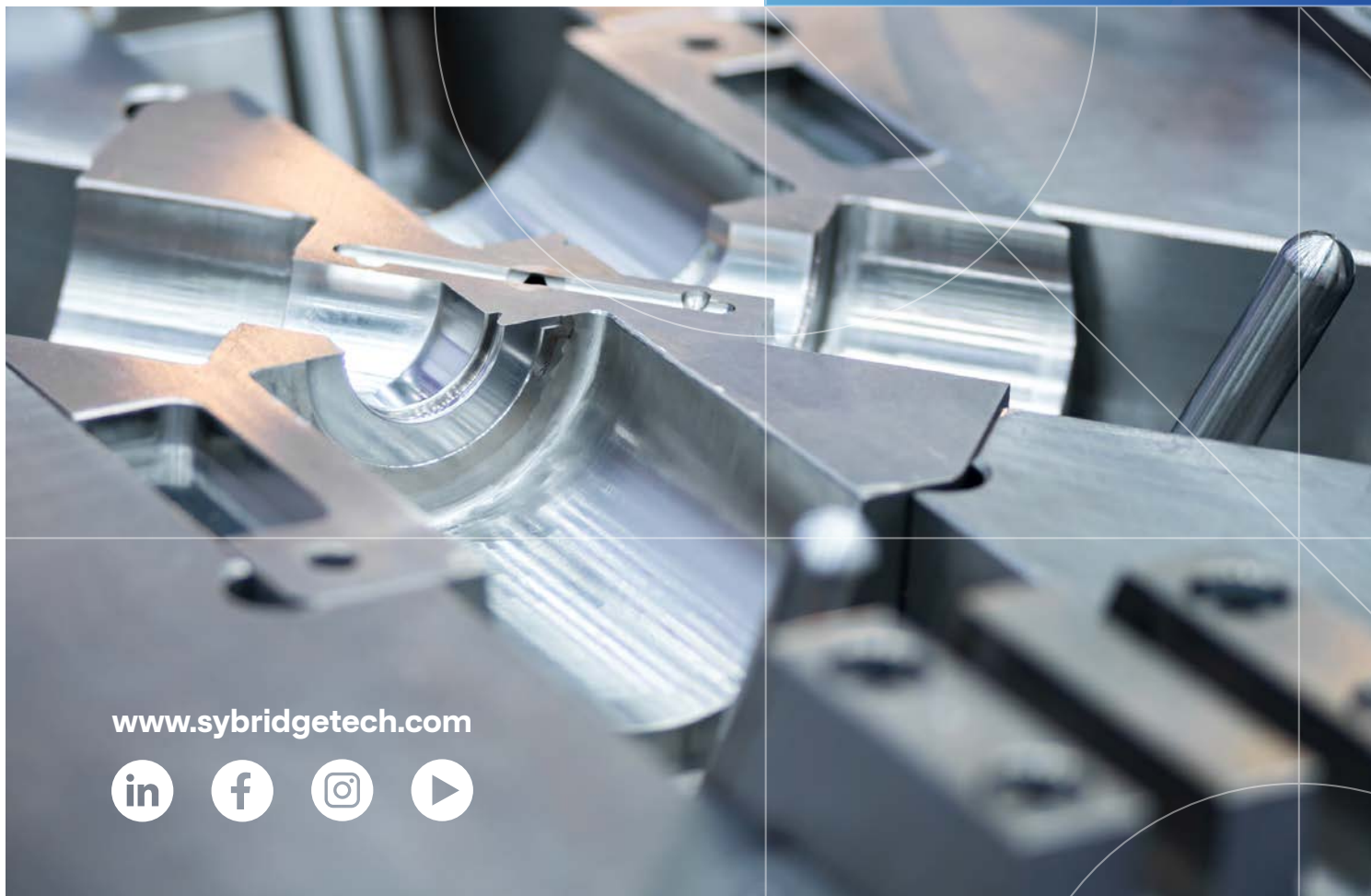
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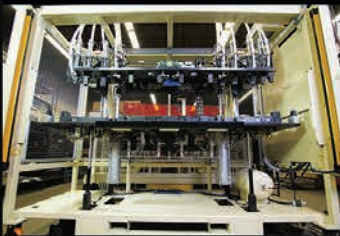
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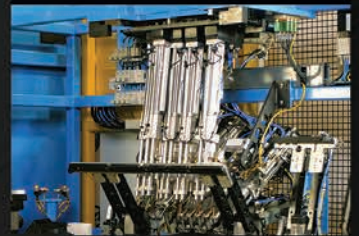
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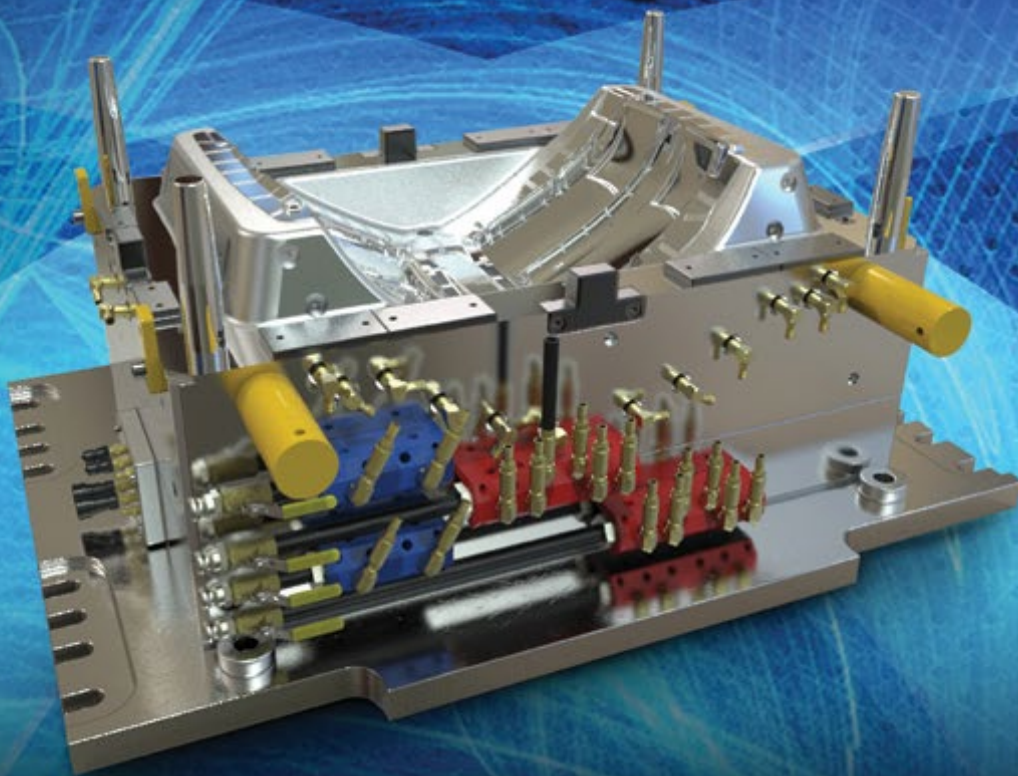
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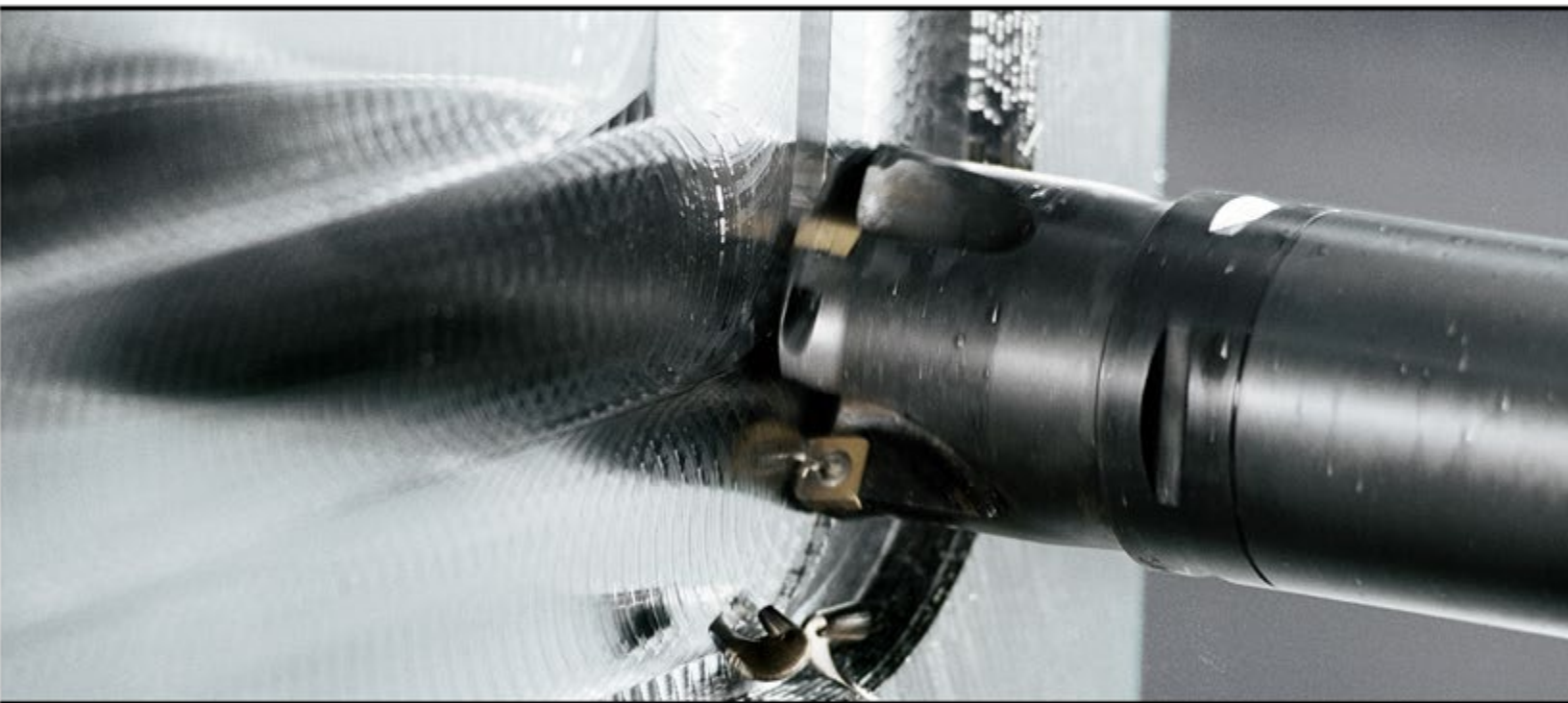
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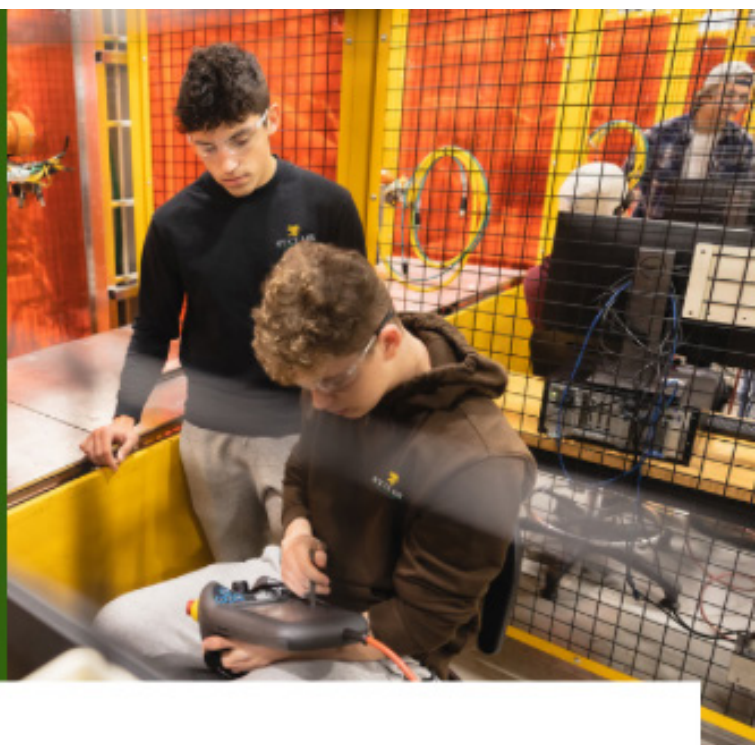
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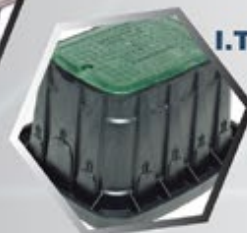
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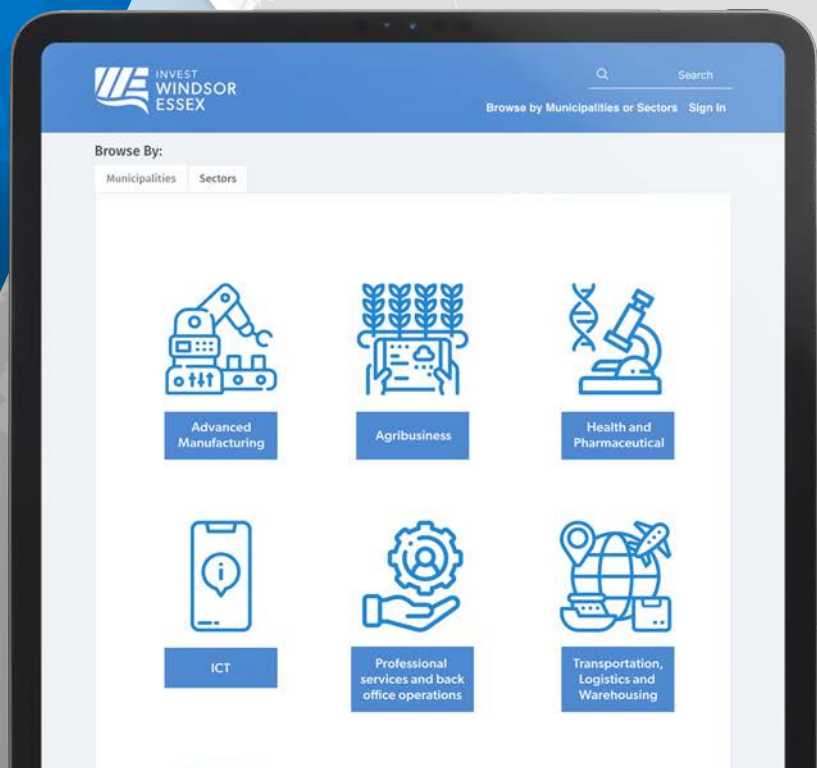
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