



2026-2027

Membership Directory

SOLID FOUNDATIONS

State of the Industry

Scholarship Award Winners

National Die Casting Award Winners

Schedule of Events



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Chapter 3



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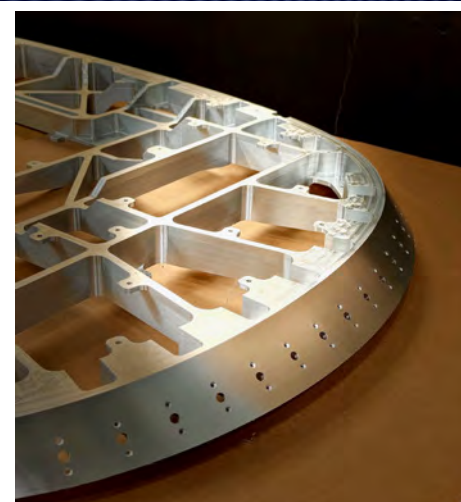
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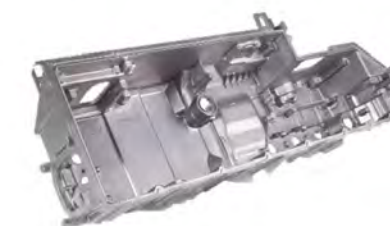
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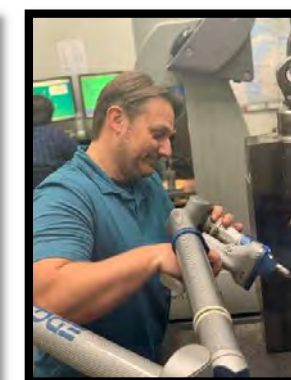


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ABOUT THE COVER ART

The NADCA Chapter 3 Member Directory cover art for 2026-2027 is designed to the theme of "Solid Foundations". The molten metal is shown pouring into metal blocks, creating a strong foundation. Since this year's meetings are finance oriented, the background contains graphs and charts. Finally, there is a skyline in the top right corner to really pull together the die cast industrial feel.

EDITORIAL INFORMATION

The NADCA Chapter 3 Member Directory is a nonprofit publication, developed annually by the Chapter 3 Board Members. Advertising proceeds benefit Chapter 3 members, future, and current die casting professionals via free chapter dinner meetings, educational classes, scholarship awards, and much more.

Every effort has been made to avoid errors, misspellings, and omissions. If an error comes to your attention, please accept our sincere apologies and notify us so we may correct it in future issues.

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LETTER FROM OUR CHAPTER 3 NADCA CHAIRPERSON

Hello,

Thank you for participating in this year's events for Chapter 3. It's your involvement that helps make our Chapter one of the most active and successful chapters of NADCA. Chapter 3 is one also one of the largest chapters at 330 plus members and covering the state of Michigan.

As a Chapter, Our Goal is to:

- Advance the science of die casting through education and research.
- Provide knowledge and application to the projects of our industry.
- Support the study and development of best practices related to die casting.
- Provide, evaluate, and exchange information related to safety, engineering, metallurgy, and mechanics in the industry.
- Educate, train and recruit young people into the field of die casting.

Attendance of our in-person meetings continues to increase. Our Golf Outing was very successful. As a chapter, we awarded 6 internal scholarships for a total of \$11,000.

Chapter Meetings (Theme - "Solid Foundations")

Our spring dinner meetings (January, February and April) are a great way to learn about industry related topics as well as connect with other industry professionals. We have our meetings downtown Grand Rapids for easy access for all. Pizza, drinks and education, what a great way to learn. Please check the website for dates and locations. www.nadcachapter3.org

Golf Outing

Chapter 3 board members want to say "Thank You" to our Golf Outing duo, Steve Barendse and Steve Ridders for putting together a successful event. We use 100% of the golf proceeds to support education of our industry piers as well as awarding college scholarships to students in our industry. This past year we averaged 200 plus golfers and raised over \$14,000 for education.

Thank you for your continued support,

Todd Ikerd
NADCA Chapter 3 Chairperson



Todd Ikerd
NADCA Chapter 3 Chairperson

Upcoming NADCA Events

NADCA events are a great way to stay up to date on all die casting advancements.

Apr 29 - May 1 2026 | **Plant Managers Conference**
Jun 9 - Jun 10 2026 | **Washington Fly-In**, Washington DC
Sep 29 - Oct 1 2026 | **Congress & Exposition**, Grand Rapids
Feb 21 - Feb 24 2027 | **Executive Conference**, Scottsdale, AZ

We would encourage everyone to attend the events.

Membership Directory

We feel this directory is one of the best resources for local die casters and suppliers. Under the guidance of Rob McInerney, Steve Ridders, and Tyler Kroes, the Chapter 3 Board members would like to say "Thank You" for a job well done. If your company is interested in advertising in the upcoming directory, please reach out Rob, Steve, or Tyler. All information is located on the NADCA chapter website. www.nadcachapter3.org

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STATE OF THE DIE CASTING INDUSTRY

Mike Meyer
NADCA
Arlington Heights, Illinois

Andrew Ryzner
NADCA
Arlington Heights, Illinois

Introduction

2025 brought about big changes in the United States of America as well as the world as a whole as we experienced an administration change in the White House. There remains geopolitical instability and trade uncertainties in an ever-changing landscape that quite frankly changes daily. Businesses continue to be under pressure to adopt sustainable practices where risk management, strategic foresight and more are extremely crucial. The top markets for the North American Die Casting Association continues to be centered around automotive, with others such as appliances, lighting, computer equipment, plumbing fixtures and more shaping the demand for manufacturing.

Ultimately, there has been one thing that has gone back and forth and been talked about extensively in the year 2025, one word that has been on everyone's minds, and that word is **tariffs**.

The Ongoing Battle Over Tariffs

Supreme Court IEEPA Hearing

A key point of focus for the industry has been the Supreme Court hearing concerning the International Emergency Economic Powers Act (IEEPA) tariffs. The scheduled 80-minute hearing ultimately lasted for over 2.5 hours. While there is no immediate timeline for a decision, securing a ruling requires the assent of at least five justices. Crucially, the U.S. continues to collect tariffs while the case progresses. Questions surrounding potential refunds were raised by Justice Barrett. In an attempt to boost the chance of securing refunds, a class action suit was filed the day before arguments commenced. Plaintiff attorneys suggested the possibility of a "prospective" ruling, meaning the decision would apply only to future actions. Regardless of the outcome, the Administration is currently preparing multiple post-ruling tariff options.

U.S. - China Trade Detente Extension

Beyond the IEEPA hearing, general tariff conditions remain near status quo. Many products face tariffs often reaching up to 45%. Tariffs on steel and aluminum imports, specifically, can escalate to 85%. The U.S. has recently suspended the fee applied to vessels that are built, owned, or operated by China, which was previously set at 45%.

Trade relations with China saw a détente extension, where Presidents Trump and Xi agreed to a "one year" deal lasting until November 10th. Furthermore, President Trump is scheduled to travel to China in April 2026. The U.S. also reduced the IEEPA fentanyl tariff, dropping the rate from 20% to 10% in November.

Supreme Court IEEP

In terms of industry-specific Section 232 tariffs, new duties took effect on November 1st, imposing 25% tariffs on Medium- and Heavy-Duty Trucks and their associated parts. Buses were subject to a lower 10% tariff rate. These new rules allow for offsets, and they extend existing automotive offsets through 2030. However, a specific timeline for imposing tariffs on industrial machinery and robotics has yet to be established.

The Critical Case of Aluminum Castings Tariffs

Of specific concern to the die casting sector is the imposition of a 50% tariff on the aluminum value in select castings. This duty applies to exports from any country, including China, Mexico, and Canada. The process allows requesters to apply for tariff "inclusions" three times annually.

The implementation details of this measure are precise: the value of the aluminum content is subject to the 50% tariff, while the non-aluminum value is assessed the country's reciprocal tariff rate, which generally ranges between 10% and 41%. This measure became effective at 12:01 AM on Monday, August 18, 2025. The next inclusion windows are scheduled for September 1-14, 2025, and again in January 2026. Importers are responsible for reporting both the aluminum and non-aluminum values, with the 50% and reciprocal tariffs applying upon entry or withdrawal.

The August 18 inclusion decisions added ten specific aluminum castings to the tariff list. These affected items are identifiable via their Harmonized Tariff Schedule (HTS) codes and include a variety of household and consumer goods:

- Combined refrigerator-freezers with separate external doors (HTS 8418.10.00).
- Fully automatic household washing machines with a dry linen capacity of 10 kg or less (HTS 8450.11.00).
- Electrically powered hand saws (HTS 8467.22.00).



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- Other electrically powered hand tools, excluding saws and drills (corded or cordless) (HTS 8467.29.00).
- Chain saws with self-contained non-electric motors (HTS 8467.81.00).
- Other hand-held tools with non-electric motors, typically gas-powered (HTS 8467.89.50).
- Household clothes dryers with a dry linen capacity of 10 kg or less (HTS 8451.21.00).
- Generating sets with spark-ignition (gasoline) internal combustion engines, often portable generators (HTS 8502.20.00).
- Non-upholstered seats with metal frames, including aluminum (HTS 9401.79.00).
- Metal-framed furniture, excluding seats (HTS 9403.20.00).

USMCA Renewal

The upcoming renewal of the United States-Mexico-Canada Agreement (USMCA) will be critical for the industry. The parties involved must determine the fate of the USMCA by July 1st. The public hearing originally scheduled for November 16th was delayed, instead taking place from December 3rd to 5th. Leading up to the hearings, 1,500 comments were filed, and 170 requests were made to testify.

The trade agreement faces challenges from both political and business quarters. Business groups have strongly advised the Office of the U.S. Trade Representative (USTR) that the upcoming review should be utilized to explicitly ban digital services taxes. Furthermore, these groups are pushing Ottawa to refund payments made by U.S. companies before that measure was withdrawn.

Concerns also stem from Congress and labor advisors. A letter submitted to USTR’s docket on November 3rd by 105 House Democrats charged that the agreement has “failed to deliver improvements for American workers, family farmers, and communities nationwide”. Since the USMCA entered into force, U.S. trade deficits with both Mexico and Canada have “significantly increased”.

USTR labor advisers have gone further, stressing that the USMCA requires ‘dramatic reform’ and renegotiation. Their primary concern revolves around the U.S. trading relationship with Mexico. The growing trade deficit is particularly alarming, reaching “\$156 billion in 2024, marking a widening of \$101 billion since the agreement took effect” in 2020. Other major concerns include persistent wage gaps, increasing U.S. foreign direct investment (FDI) in Mexican manufacturing, and rising Chinese FDI in Mexico. Labor representatives also highlighted serious failures by Mexico to implement its required labor law reforms and a failure to sanction companies that violate labor laws.

Bilateral issues persist between the U.S. and its neighbors:

- Canada: Disputes center on dairy, softwood lumber, and critical minerals.
- Mexico: Issues involve Chinese investments, trans-shipment, and Automotive Rules of Origin.

Global Trade Actions & Resource Management

In addition to the USMCA and China trade matters, little progress has been made on steel and aluminum quotas with the European Union (EU) and the United Kingdom (UK). The U.S. continues to seek a global agreement concerning steel overcapacity.

The U.S. Geological Survey has updated the Critical Minerals list, which acts as a precursor to potentially imposing Section 232 tariffs on critical minerals. Furthermore, the Trump administration plans to renew efforts regarding India. Framework agreements have been reached with Thailand and Vietnam, and agreements have also been finalized with Cambodia and Malaysia. Finally, there is a possibility that the U.S. may reduce tariffs on Swiss goods from 39% down to 15%.

Business Barometer Q3 2025

The Business Barometer for the third quarter of 2025 provides a compelling snapshot of the company’s performance and evolving market trends. The presentation begins by examining the company’s size and the volume of metals poured, offering readers a clear sense of the scale at which operations are conducted. This foundational insight sets the stage for understanding the company’s reach and capabilities.

From there, the discussion moves into the diverse end markets served, highlighting the breadth of sectors that rely on the company’s expertise—from automotive to aerospace and beyond. This diversity underscores the company’s resilience and adaptability in a rapidly changing economic environment.

The report then delves into shipment data, comparing Q3 2025 figures with those from Q2, and provides a forward-looking forecast for the remainder of 2025 against actual performance in 2024. This analysis not only illustrates the company’s growth trajectory but also frames expectations for the near future, offering valuable context for stakeholders.

A particularly forward-thinking aspect of the presentation is its focus on quoting activity and new die builds planned for 2025. These indicators reveal a proactive approach to market demands, signaling the company’s commitment to staying ahead of competitors and positioning itself for sustained success.

Finally, the Business Barometer addresses operational metrics, including capacity utilization and energy costs. While capacity utilization showed a slight

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decrease from the previous quarter, energy costs per pound shipped experienced a notable increase. These figures reflect both the challenges and opportunities inherent in managing efficiency and cost control in today's manufacturing landscape.

What is your Company Size?

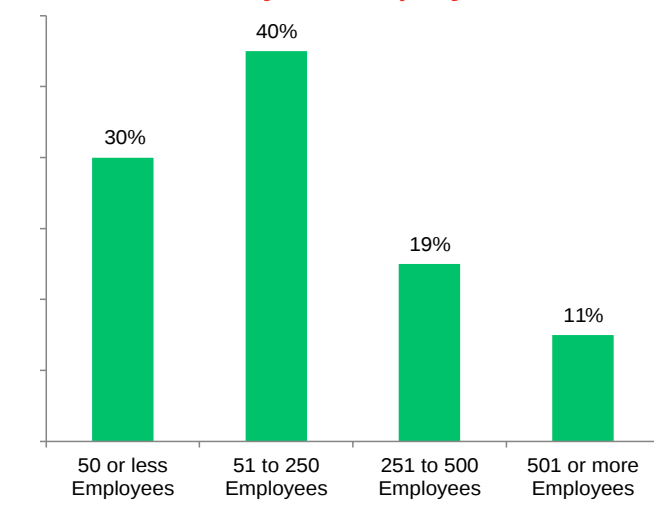


Figure 1 - An analysis of the company's size & the volume of metals poured.

What Metal(s) Do You Cast?

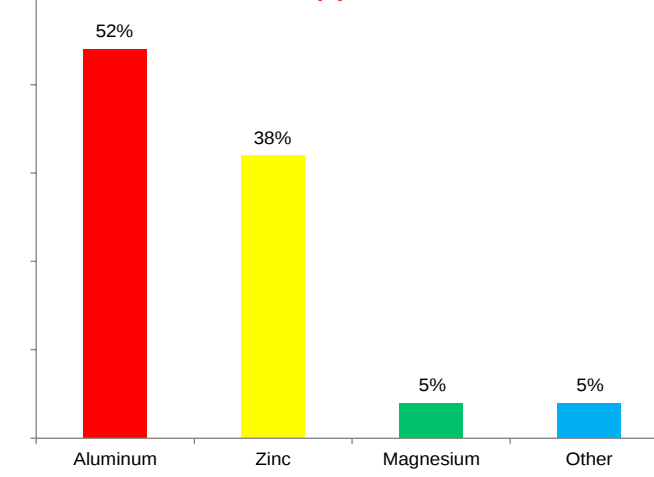


Figure 2 - An analysis of the company's size & the volume of metals poured.

What is Your Primary End Market?

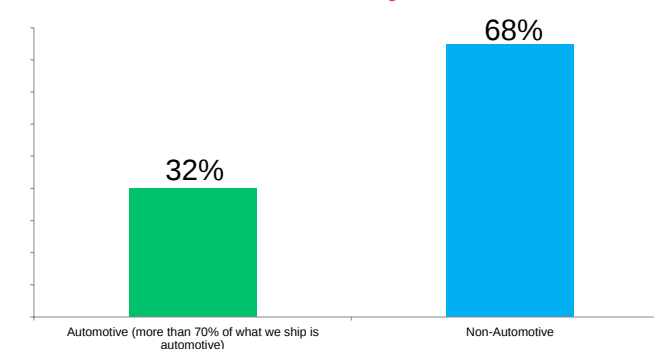


Figure 3 - Various end markets served.

Would you like to be surveyed for NADCA's business barometer if you are not already?
Contact: catlett@diecasting.org to be added to the mailing list.

Where were your Q3 2025 pounds shipped compared to Q2 2025?

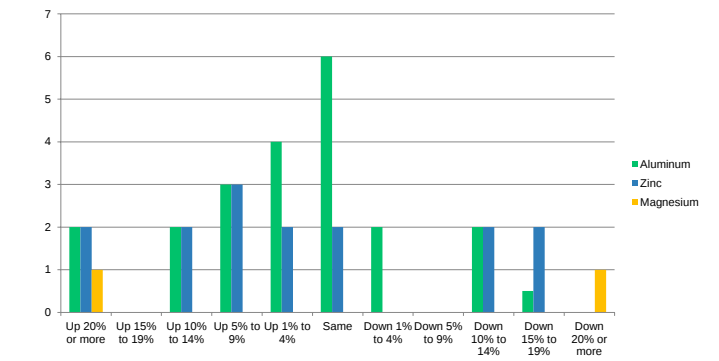


Figure 4 - Comparison of Q2 and Q3 2025 shipments.

What is your current forecast for your 2025 total pounds shipped compared to your 2024 total pounds shipped?

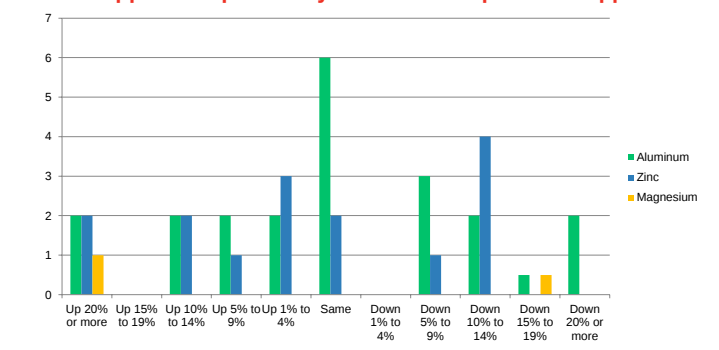


Figure 5 - Forecast for 2025 against actual figures from 2024.

How was quoting new jobs in Q3 2025 compared to same time last year?

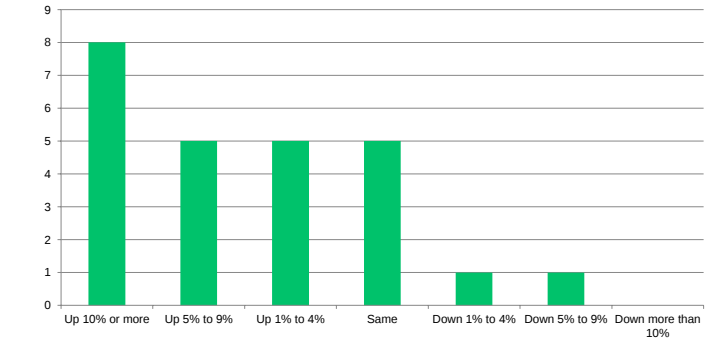


Figure 6 - Quoting activity comparisons.

How were new die builds in Q3 2025 compared to same time last year?

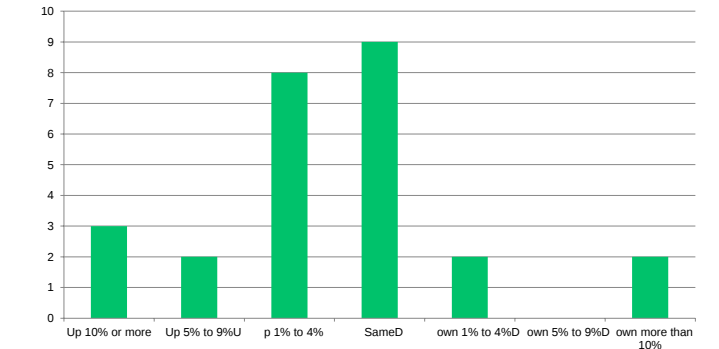


Figure 7 - New die build comparisons.



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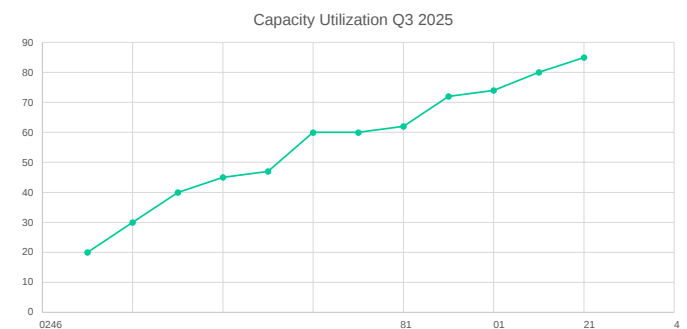


Figure 8 - Capacity utilization average response was 50% down slightly from 57% in Q2.

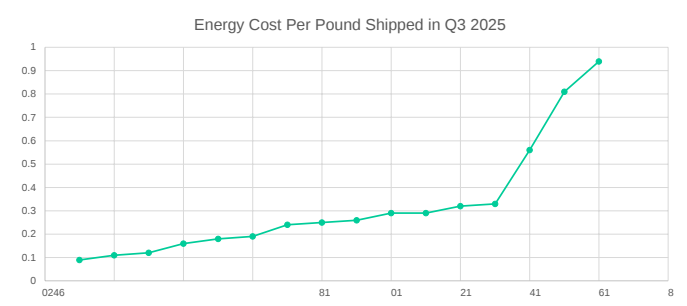


Figure 9 - Energy cost per pound shipped in Q3 2025. The Q3'25 overall average was \$0.32/lb shipped and the Q2'25 overall average was \$0.36.

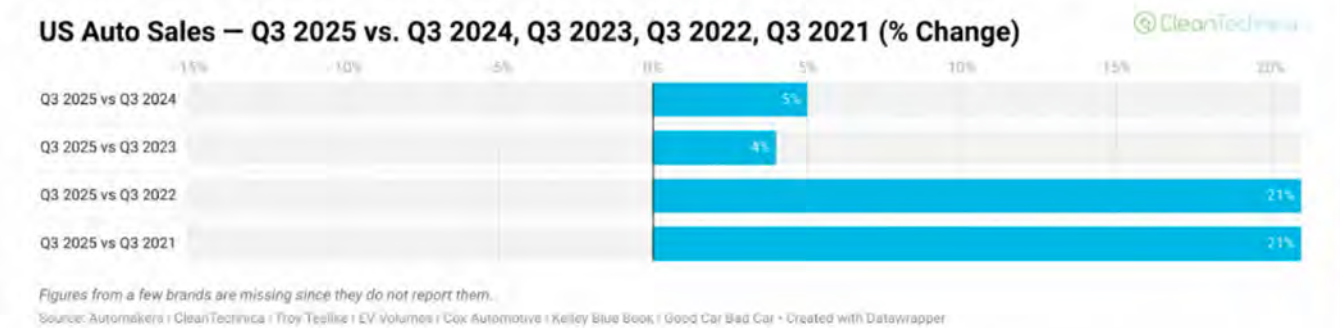


Figure 10 - US auto sales in various quarters.

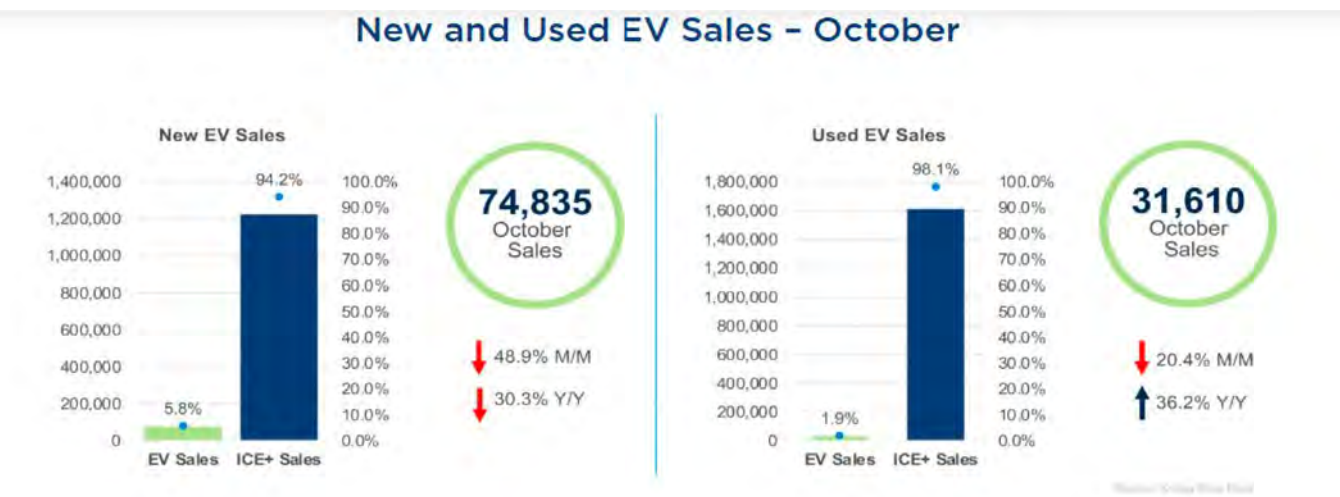


Figure 11 - Estimated October new EV sales totalled 74,835 units, plummeting 48.9% from September's record high.

Automotive Industry

The U.S. auto industry experienced a strong third quarter in 2025, marking the best third quarter for overall auto sales in several years. The U.S. electric vehicle market also saw a significant increase, attributed "thanks to" the ending of the EV tax credit. However, the forecast for November new-vehicle sales anticipates a decline in both volume and pace compared to the previous year. The seasonally adjusted annual rate (SAAR) for November new-vehicle sales is forecast to reach 15.7 million, a slight increase from October's 15.3 million pace, but a decrease from last year's 16.5 million level. The monthly SAAR through October has averaged 16.2 million.

Also of note is the recent easing of the CAFE standards for the automotive industry. Fines for missing the standards have effectively been eliminated and the new target MPG for the entire fleet by model year 2031 is now set to about 34.5 MPG vs the old target of about 50.4 MPG.

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Segment	Sales Forecast ¹					Market Share		
	Nov-25	Nov-24	Oct-25	YOY%	MOM%	Nov-25	Oct-25	MOM
Mid-Size Car	60,000	72,434	61,316	-17.2%	-2.1%	4.7%	4.8%	-0.1%
Compact Car	80,000	94,491	82,272	-15.3%	-2.8%	6.3%	6.4%	-0.1%
Compact SUV/Crossover	225,000	241,454	224,693	-6.8%	0.1%	17.7%	17.5%	0.2%
Full-Size Pickup Truck	190,000	193,080	191,011	-1.6%	-0.5%	15.0%	14.9%	0.1%
Mid-Size SUV/Crossover	210,000	211,408	211,931	-0.7%	-0.9%	16.5%	16.5%	0.0%
Other Segments	505,000	564,331	511,431	-10.5%	-1.3%	39.8%	39.9%	-0.1%
Grand Total	1,270,000	1,377,198	1,282,654	-7.8%	-1.0%			

¹Cox Automotive Industry Insights data

Figure 12 - November 2025 new vehicle sales forecast.

Macro-Economics & Manufacturing

The business barometer for Q3 2025 provides insight into the operating environment. Average capacity utilization in Q3 2025 was 57.4%, which represents a decrease from the 60% recorded in Q1.

Operational costs, specifically energy costs per pound shipped, continue to climb. The overall average energy cost in Q2 2025 was \$0.36/lb shipped. When a significant outlier of \$1.57 is removed, the average drops to \$0.029/lb shipped. However, this still indicates an upward trend from the Q1 2025 overall average of 0.024. Separately, forecasts indicate that the average U.S. residential electricity bill is projected to reach \$784 this summer**, an increase of 6.2% from last season and the highest level in 12 years.

On the broader macroeconomic front, the annual inflation rate in the U.S. rose to 3% in September 2025, which was the highest rate since January, though it fell slightly below the 3.1% forecast. This was an increase from 2.9% in August. The Gross Domestic Product (GDP) in the second quarter of 2025 expanded by 3.80 percent over the previous quarter. However, the GDP Growth Rate is expected to slow, projected to be 1.00 percent by the end of the current quarter. Long-term econometric models project the U.S.

GDP Growth Rate to trend around 2.00 percent in 2026. Recent job numbers have reduced the likelihood of an expected December rate cut to 52%.

Consumer health indicators show an unemployment rate of 4.3% in September 2025. Consumer sentiment, which measures optimism regarding personal finances and the overall economy, stood at 55.1% at the end of September.

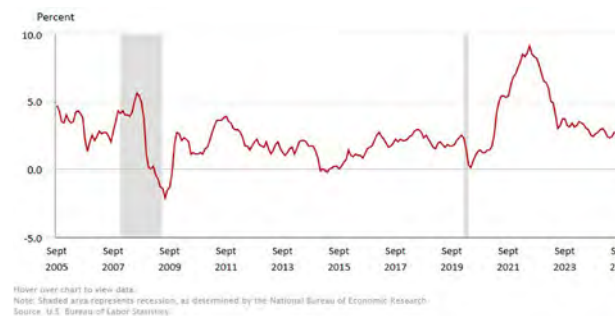


Figure 13 - Inflation rate - September 2025 - 3%

If the jobs market were to weaken rapidly, causing recession fears to surface, then interest rates could end 2025 close to 3%. If the jobs market remained robust, the cuts are still probable, but rates will likely remain closer to 4% and more attention will be given to inflation trends. The path interest rates ultimately take will depend on incoming economic data. Still, it is most likely that interest rates continue to trend down from their current 4.% to 4.75% range, but the pace of that decline is in question for the year ahead.

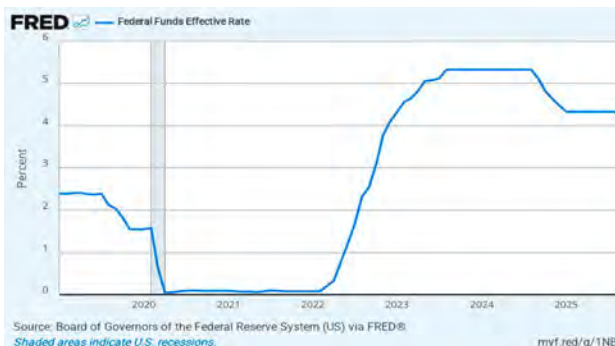


Figure 14 - Recent job numbers report takes the "expected" December rate cut likelihood down to 52%

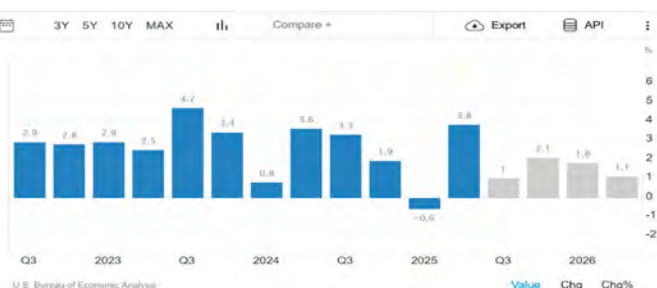


Figure 15 - U.S. GDP forecast - projected to trend around 2% in 2026 according to economic models.

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Figure 16 - U.S. consumer sentiment reached 55.1% by the end of September.

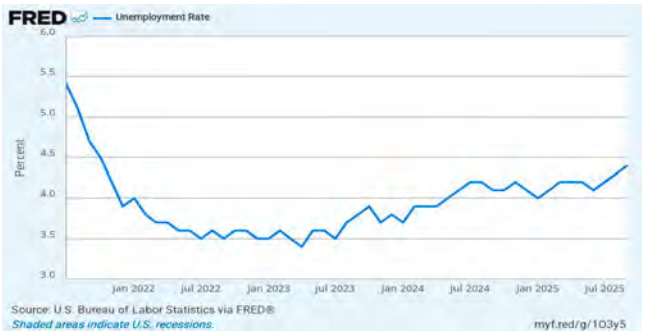


Figure 17 - September 2025 unemployment: 4.3%

Housing Market

Housing starts in the United States were 1.307M in August 2025.

Many sidelined home buyers are still facing an unaffordable housing market. The expiry of a moratorium on student loan debt has pushed many borrowers into delinquency as credit scores plummet to subprime levels.



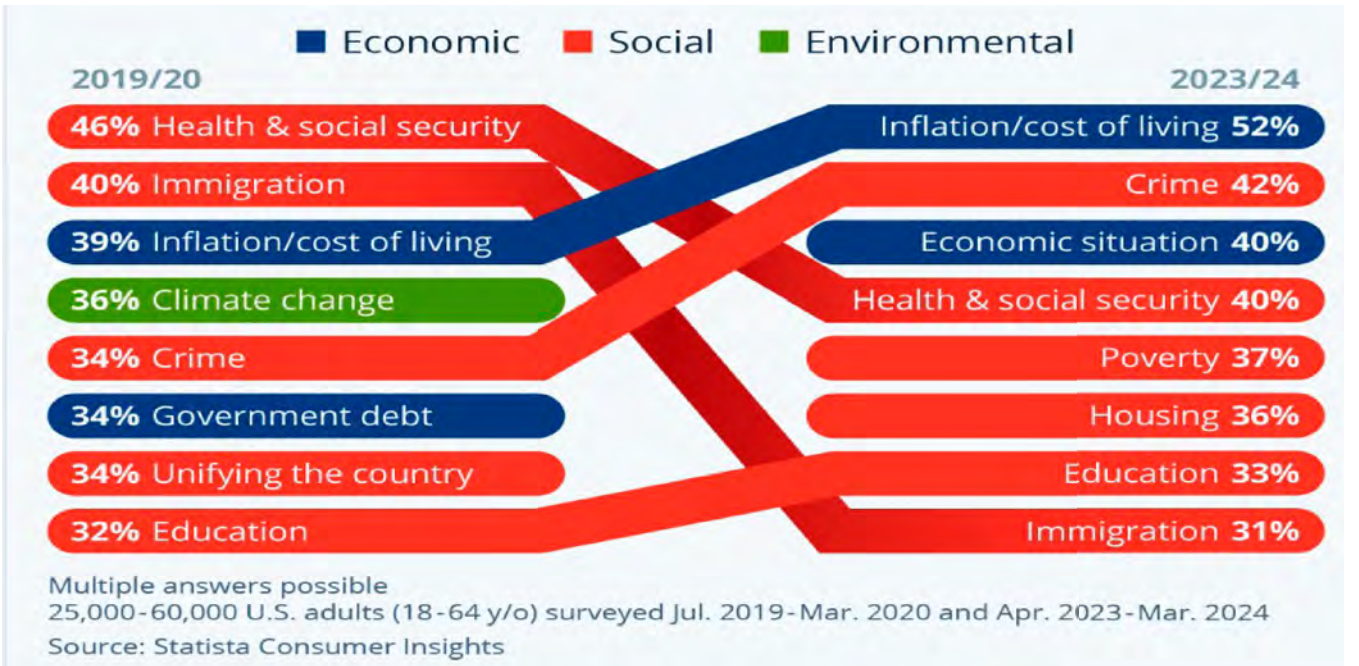
Figure 18 - Monthly SAAR new privately-owned housing starts.

The U.S. household appliances market size was estimated at USD 99.34 billion in 2024 and is expected to grow at a CAGR of 3.8% from 2025 to 2030.

The consumer penetration of household appliances is increasing in the U.S., driven by rising disposable income, technological advancements, and growing demand for energy-efficient and smart appliances.

The integration of IoT and AI in appliances, enabling remote control and automation, has boosted adoption among tech-savvy consumers.

What is the U.S. Most Worried About?



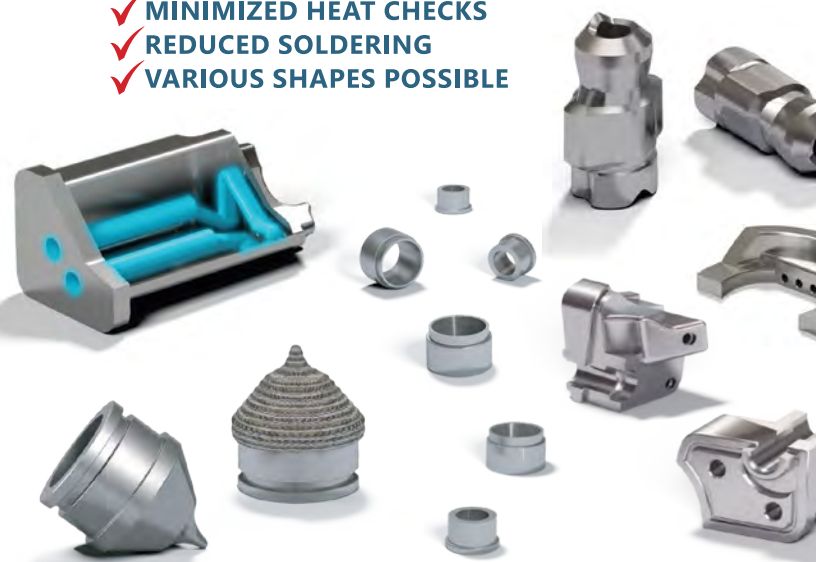


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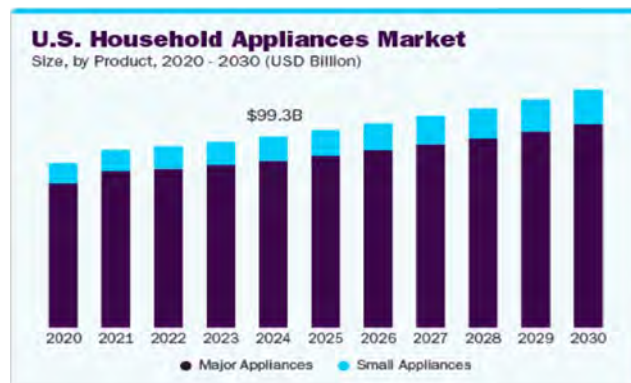


Figure 19 - Appliances are tied to housing.

Trends in the United States

Looking ahead, several trends are poised to shape the manufacturing sector. The total number of manufacturing jobs in the U.S. stands at 12.7 million across 600,000 different companies. For comparison, Vietnam has over 15 million manufacturing jobs. Crucially, the sources conclude that the worker shortage will continue to be a primary challenge.

The use of AI is not optional for the industry moving forward. Additionally, ongoing wars and conflicts continue almost without notice. Given the high stakes involved in international trade and operational costs, the upcoming USMCA negotiations will be critical for the stability and growth of the North American die casting sector.

Conclusions

The operating environment for North American manufacturers — particularly die casters — will remain complex and highly dynamic. Global wars and geopolitical conflicts continue with little public attention, yet their impact on supply chains, raw material security, and trade flows remains significant. These international pressures create persistent uncertainty for companies dependent on stable access to metals, energy, and cross-border transportation.

Of critical importance are the USMCA negotiations. The agreement has become a central pillar of North American manufacturing competitiveness, and its renewal or revision will influence everything from automotive rules of origin to labor enforcement to cross-border investment. With trade deficits widening and political scrutiny increasing, the outcome of these negotiations will have far-reaching implications for sourcing strategies, tariff exposure, and long-term regional planning.

The adoption of artificial intelligence is no longer optional. AI is quickly becoming essential for productivity gains, process optimization, labor efficiency, and maintaining competitive advantage. For an industry grappling with cost pressures and faster production cycles, companies that embrace automation and data-driven decision-making will be far better positioned to navigate volatility.



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States with Most and Fewest Manufacturing Jobs Per 10,000 People

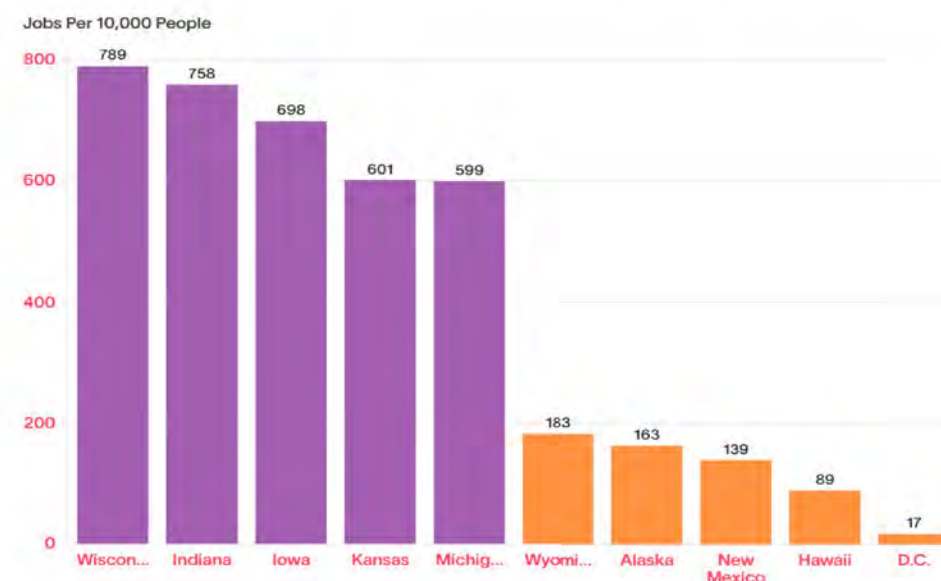


Figure 20 - Overview of states with most and least manufacturing jobs/10k people.

Finally, the industry must continue to contend with a persistent and structural worker shortage. Despite many manufacturing jobs across the U.S., demand for skilled labor outpaces supply. This tight labor environment increases wage pressures and underscores the need for workforce development, upskilling initiatives, and greater reliance on automation. Together, these forces illustrate that the path forward requires adaptability, investment in technology, and strategic planning to remain resilient amid ongoing global and domestic challenges.

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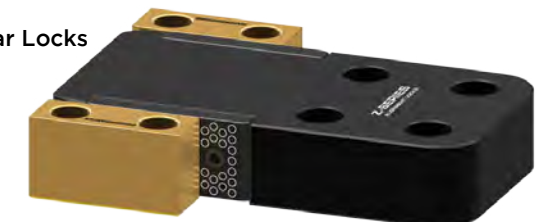


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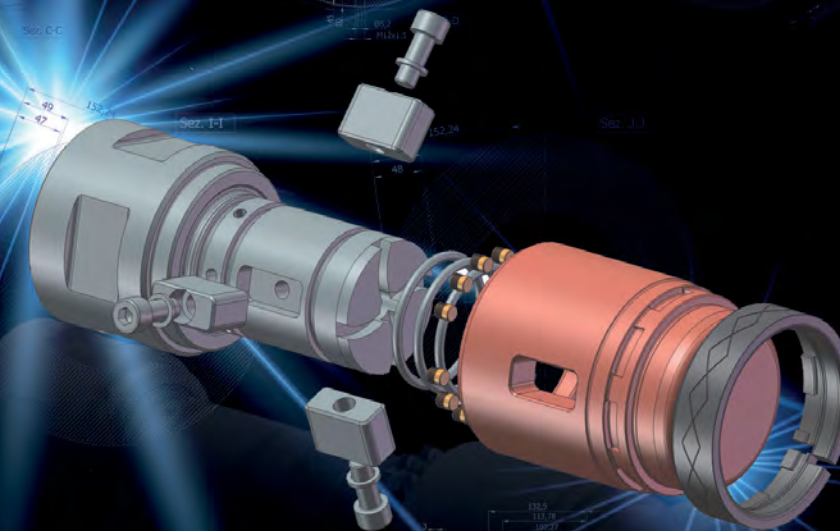


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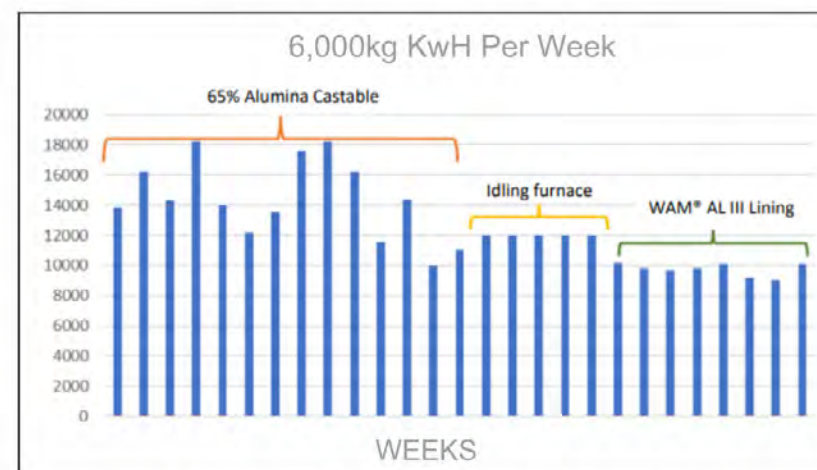
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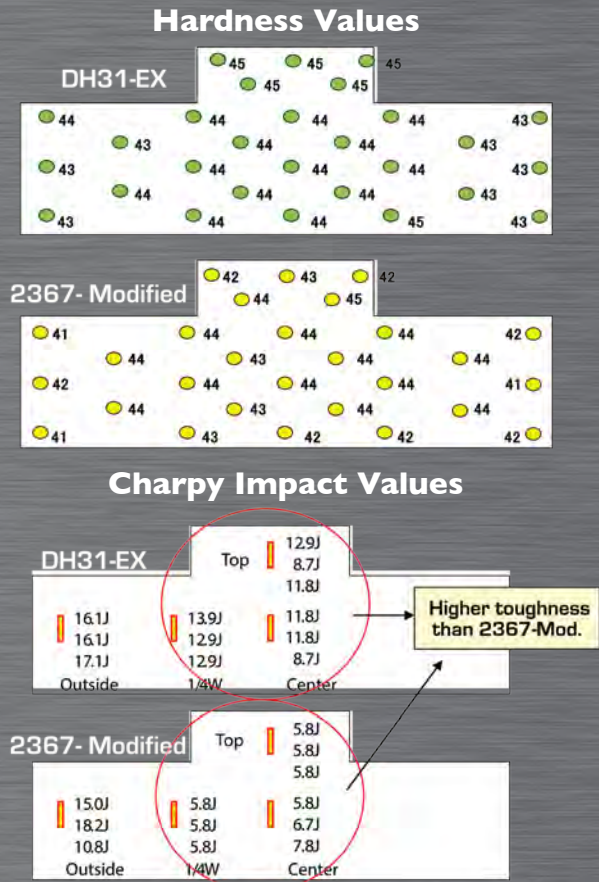
CHAPTER 3 OBJECTIVES

The purpose and objectives of the Chapter shall be as follows:

- To advance the science of die casting and the utilization of die casting through education and research.
- To advance the knowledge and application of the science of die casting, and to institute and participate in projects for the attainment of the result.
- To support and stimulate the study and development of the theory and practice of die casting and related sciences, including engineering, metallurgy, physics, chemistry, and mechanics.
- To accumulate and disseminate authoritative scientific information relating to the development of die casting including the process, design, application, testing, and finishing as may be available through research, field experience, and special study.
- To provide, evaluate, and exchange information related to safety in the die casting industry, including its industrial hygiene, physical, and mechanical aspects.
- Educate, train, and recruit young people into the discipline of die-casting.
- The Chapter can manifest these objectives through the presentation of speakers on subjects of interest to the membership, social events where technical persons may be drawn together, acting as a conduit for scholarship awards, the presentation of technical seminars, and other activities that may enhance the objectives of the North American Die Casting Association.

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When it comes to charpy impact values – DH31-EX has significantly better core properties than 2367-Modified, due to the higher hardenability of DH31-EX.

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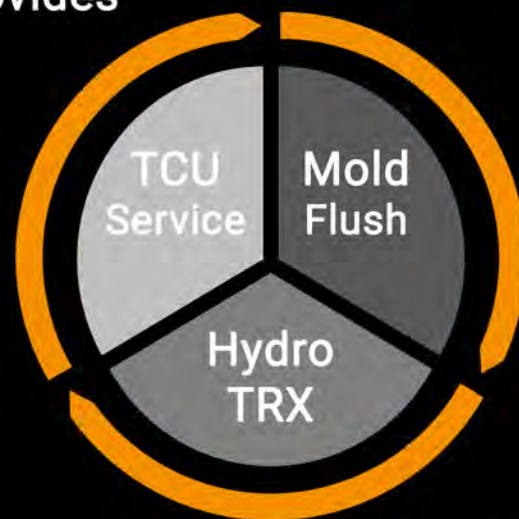
2026 - 2027

Last	First	Company	City	Phone	Email
Wiegerink	Gerrit	N/A	Holland	(616) 994-2954	wiegerinkg@gmail.com
Wiegerink	Tanner	N/A	Holland	N/A	tannerwiegerink@gmail.com
Wilkerson	Emma	N/A	Ada	N/A	erwilkerson4@gmail.com
Williams	Brent	N/A	Rochester Hills	N/A	bjwillia@hotmail.com
Williams	Gary	Centracore, LLC	Saint Clair	(586) 776-5500	gwilliams@centracore.com
Wilson	William	Mag-Tec Casting Corporation	Jackson	(517) 789-8505	bill@mag-teccasting.com
Winters	Todd	Toolox	Troy	N/A	todd.winters@ssab.com
Withers	Christopher	LiCON MT LP	Dexter	(734) 426-2240	christopher.withers@licon.com
Woodrum	Ben	Cascade Die Casting Group Great Lakes	Sparta	(616) 887-1771	bwoodrum@cascade-cdc.com
Yakim	Jeffery	Cosma Casting Michigan Cosma International, Magna International	Battle Creek	(269) 966-4900	jeffery.yakim@magna.com
Yeboah-Amoako	Walton	B&L Information Systems, Inc.	Bridgman	(269) 465-6207	wyeboahamoako@blinfo.com
Young	Robert	Cascade Die Casting Group Great Lakes	Sparta	(616) 887-1771	ryoung@cascade-cdc.com
Zech	Gary	Oerlikon Balzers Coating USA, Inc.	N/A	N/A	gzech@dnfmold.com
Zheng	Li	Gil-Mar Mfg	Walled Lake	(517) 316-5299	lzheng@tu.edu
Wilkerson	Emma	N/A	Ada	N/A	erwilkerson4@gmail.com
Williams	Gary	Centracore, LLC	Saint Clair	(586) 776-5500	gwilliams@centracore.com
Wilson	William	Mag-Tec Casting Corporation	Jackson	(517) 789-8505	bill@mag-teccasting.com
Withers	Christopher	LiCON MT, LP	Dexter	(734) 426-2240	christopher.withers@licon.com
Woodrum	Ben	Cascade Die Casting Group Great Lakes	Sparta	(616) 887-1771	bwoodrum@cascade-cdc.com
Xu	Gordon	AAM - American Axle & Manufacturing	Detroit	(313) 758-2000	gordon.xu@aam.com
Yakim	Jeffery	Cosma Casting Michigan Cosma International, Magna International	Battle Creek	(269) 966-4900	jeffery.yakim@magna.com
Young	Robert	Cascade Die Casting Group Great Lakes	Sparta	(616) 887-1771	ryoung@cascade-cdc.com
Zech	Gary	Oerlikon Balzers Coating USA, Inc.	N/A	N/A	gzech@dnfmold.com
Zecman	Kurt	Pegasus Industries, Inc.	Redford	(313) 937-3350	kurt@pegasustcs.com
Zerling	Georg	GF Casting Solutions	Grosse Pointe	(514) 331-7510	georg.zerling@georgfischer.com
Zheng	Li	Gil-Mar Mfg	Walled Lake	(517) 316-5299	lzheng@tu.edu

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SCHOLARSHIP Award Winners

2026

It is once again my pleasure to announce NADCA Chapter 3's awarding of **\$11,000 in scholarships** to six outstanding students for the 2025/2026 academic year. These scholarships support students as they continue their academic and professional journey, and our ongoing commitment to the future of the high pressure die casting industry.

The long-term impact of this program is clear. Over the past 13 years, Chapter 3 has awarded **99 scholarships totaling more than \$160,000**. Many of these recipients have gone on to build careers within the die casting industry and are now contributing in meaningful ways across a variety of roles. This ongoing connection between education and industry remains a key strength of our program.

Our scholarship program reflects the diverse needs of the industry. While engineering remains a common path, support is not limited to a single field. We are proud to assist students pursuing a wide range of degrees that all contribute to the advancement of high pressure die casting.

Chapter 3 continues to promote early engagement by supporting high school students attending the Western Michigan University Die Casting Short Course. These opportunities provide valuable exposure and help bridge the talent gap that the industry is experiencing today.



These efforts are made possible through the continued support of our members and sponsors, particularly through the Chapter Directory and annual Golf Outing. We sincerely appreciate the ongoing commitment to investing in the future of our industry.

Thanks,

Steve Quirk

Chair of Scholarships



Erick is a 3rd time recipient of this scholarship.

Erickson Carpenter

Erickson is from Grand Rapids, MI, and will be finishing at Grand Valley State University this fall. He is pursuing a Bachelor of Science in Mechanical Engineering with a minor in Mathematics. He just finished his last co-op rotation as a mechanical engineering co-op at BühlerPrince, a leading manufacturer of die casting and injection molding equipment. Erickson contributes to the design and development of advanced manufacturing machinery, gaining hands-on experience in a field he is passionate about.



Haley is a 2nd time recipient of this scholarship.

Haley Hamstra

Haley Hamstra is a Senior at Davenport University and is a member of the honors accountancy program while participating in band and Business Professionals of America. She is officially graduating in May this year with a bachelor's degree in business and a master's degree in accounting. She currently has an accounting internship at Die-Tech and Engineering, located in Wyoming, MI, and is studying for the CPA exams. Upon graduation, she plans on using her accounting and financial experience within the manufacturing industry.



Zach is a 1st time recipient of this scholarship.

Zachary Hines

Zachary is a student at Western MI University studying Industrial and Entrepreneurial Engineering, set to graduate in May 2028. I have been exposed to the tool and die industry through his father's work at Hanson International and previously gained experience as a process engineering intern for Fortress Manufacturing. Upon graduation, he plans to pursue a career in the manufacturing industry as a manufacturing or industrial engineer.



Kelsey is a 1st time recipient of this scholarship.

Kelsey Megley

Kelsey Megley is from Spring Lake, MI. She is a Senior studying Product Design and Manufacturing Engineering at Grand Valley State University, and is expected to graduate in Spring/Summer 2027. She is employed by AirLife. Kelsey states, "I have learned a great deal about how multiple aspects of the manufacturing process such as die casting play a major role in the quality of part that gets manufactured." Her work at AirLife ranges from testing polymeric products to redesigning tooling for processing.



Andrew is a 1st time recipient of this scholarship.

Andrew DeVries

Andrew, from Hudsonville, MI, is pursuing a Master of Science in Cybersecurity at Grand Valley State University, with an expected graduation in 2027. He works at Cascade Die Casting Group, Inc., where he supports die casting operations by ensuring the security and resilience of the company's computer infrastructure. His work focuses on maintaining confidentiality, integrity, and availability of customer data. This is Andrew's second scholarship award. After graduation, he plans to deepen his contributions to the company by advancing its cybersecurity measures to better serve its customers.



Brennan is a 3rd time recipient of this scholarship & 2 time winner of the David Lane Scholarship.

Brennan Neitzel

Brennan is a student at Grand Valley State University, pursuing a degree in Electrical engineering and will be graduating this fall. He is passionate about automation and controls engineering. Brennan has gained hands-on experience through coursework and internships, including work with die casting processes and related technologies. During the past year, Brennan has been involved in projects ranging from schematic and software creation to writing scripts to automate everyday processes, demonstrating a strong interest in automation and precision engineering.

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The Day

August 14 was a great day to be on the golf course! 192 people from all over came to West Michigan to help support our scholarship efforts. A parade of golf carts scattered around four of the five courses to our designated spots. Play began at 8:30. Mulligans and helpful tosses insured that everyone had a great time!

The Sponsors

From major event sponsors, to meal sponsors, keg sponsors, and the many companies that sponsored holes, we appreciate your dedication to supporting our Chapter specifically, and our Industry as a whole. This outing allows us to provide complimentary meals at our dinner meetings, as well as providing major scholarship assistance to students pursuing a career in Die Casting.

Please see our Nadca Chapter 3 website nadcachapter3.org for specific details regarding our scholarship program, as well as a complete list of our many wonderful sponsors!

Looking Forward

In 2026 we continue to host our golf outing at Saskatoon Golf Club. This allows all our golfers to play at the same premium location.

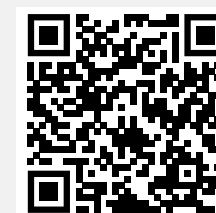
We expect an even larger turnout this year, so sign up soon! We have many opportunities for sponsorship of various activities, and even offer a chance to rent a hole, so your company can advertise its product and have personnel running a hole-in-one contest or anything you want to do on your rented hole.

CHAPTER 3 **NADCA** GOLF OUTING **2025**



Saskatoon Golf Club
45 Championship Holes and Driving Range in Greater Grand Rapids

Upcoming Golf Outing August 14th, 2026



Scan QR to
Register Your
Foursome

2026 GOLF OUTING

SPONSORSHIP OPPORTUNITIES

Due to your exceptionally generous support in the past outings, we would like to offer the following sponsorship opportunities to our die casting supporters.

Please remember, your donations allow our chapter to fully underwrite two to three NADCA classes every year for chapter members.

The List of **Elite Sponsorship** Opportunities are as follows:

Golf Towel Sponsor

\$4,000

- Company name on golf towels given to each golfer
- Includes foursome & tee box signs

*Sponsorship limited to **2 Sponsors***

Deadline: July 3rd

NADCA Event Sponsor

\$3,000

- Logo on large welcoming banner displayed on the clubhouse
- Contact information on all documents

*Sponsorship limited to **2 Sponsors***

Golf Ball Sponsor

\$2,750

- Company name on golf balls given to each golfer

*Limited to **1 Sponsor***

Beer Cart Sponsor

\$1,000

- Company logo on a sign on each beer cart

*Sponsorship limited to **5 Sponsors***

Vendor Night Sponsor

\$700

- Company logo on a large banner displayed at the venue

*Sponsorship limited to **4 Sponsors***

Dinner Sponsor

\$750

- Company logo on a large banner displayed in dining area & a tee box sign on each course

*Sponsorship limited to **4 Sponsors***

Hole Flag Sponsorship

\$500

- Company name on a hole flag (the flags will be yours to keep)
- Flags will be presented to sponsoring companies after dinner

*Sponsorship limited to **18 Sponsors***

Deadline: July 3rd

“Keg at the Turn” Sponsor

\$475

- Company logo on a large banner displayed in dining area

*Sponsorship limited to **18 Sponsors***

Breakfast Sponsor

\$375

- Company logo on a large banner displayed in dining area

*Sponsorship limited to **4 Sponsors***

Hole Sponsor

\$250

- Company name on a tee box on each course

Range Ball Sponsor

\$250

- Company logo on a sign in the range area

*Sponsorship limited to **4 Sponsors***

Product Sponsor

- Donate products to be used as raffle prizes or in outing prize bags

Additional sponsorship opportunities available upon request.

All sponsors are also mentioned on the rule sheet, sponsor sheet on each table at dinner, and noted on the chapter website.

Please specify sponsorship requested and fill in the amount on your sign-up sheet, on our website, or send in with your check before **July 31, 2026** to allow us time to print all necessary signage.

2025

DIE CASTING

AWARD WINNERS

For the last 51 years NADCA has sponsored its Die Casting Competition to showcase outstanding die cast designs, while acknowledging the continuous contribution die casters provide to the manufacturing industry.

Competition in the manufacturing industry continues to push the abilities of die casters to design and produce castings that are more complex, higher quality, and less expensive. Winners of the 2025 NADCA Die Casting Competition exhibit the advantages of using the die casting process. Some of the castings were able to reduce cost and improve component safety by integrating a multiple piece assembly into one casting. Other winners utilized new technology to improve the process and create a higher quality part. The ability to hold consistent dimensions when producing components with superior properties continues to expand the markets that die castings are used in.

Categories in the competition are grouped by material and include aluminum, magnesium, zinc, and other alloy families, including aluminum and magnesium structural die casting. Both custom and captive casters are eligible. For each category, there are four equally weighted criteria: ingenuity of casting and/or product design, overall quality, cost savings as compared to other manufacturing processes, and the part's contribution to expanding the market for die castings. A panel of independent judges, acknowledged experts, with no ties to eligible casters, choose the winners.

NADCA will honor this year's award winners at its 2025 Die Casting Industry Awards Luncheon on Wednesday, October 8 at 12:15 – 2:00 pm CDT during the Die Casting Congress & Tabletop in Milwaukee, WI. The luncheon is an exceptional opportunity to meet this year's winners and learn more about their innovations.

TO COMPETE IN 2025

Innovative die casting design entries may be entered in the 2026 Die Casting Design Competition. All award-winning castings will be displayed next year at NADCA's Die Casting Congress & Tabletop, September 29 – October 1 in Grand Rapids, MI.

The competition is open to die castings from aluminum, magnesium, zinc, semi-solid & squeeze, and other alloy families. Within each category, there are more specific levels: aluminum under 1 pound; aluminum 1-to-10 pounds; aluminum over 10 pounds; aluminum structural; aluminum any size with decorative finish; zinc under 6 ounces/non-electroplated; zinc over 6 ounces/non-electroplated; zinc any size with decorative finish; magnesium over 0.5 pound; and magnesium under 0.5 pound.

Any number of die castings may be entered in the awards competition. Complete and submit a separate entry form for each casting or assembly of castings. As-cast entries are required (post trimming). The metal surface cannot be improved or concealed by tumbling, shot blasting, coating or other surface treatments. NADCA encourages sending secondary processed samples, but these must be in addition to the as-cast parts.

Castings submitted for the competition MUST have approval in writing from the customer allowing NADCA to use the casting(s) in exhibitions and magazine articles. When possible, information and photographs describing the design process will be published in Die Casting Engineer magazine, but because of proprietary reasons, not all information can be shared. Such exceptions should be noted on your entry form.

More information and electronic entry form can be found at www.diecasting.org/castings/competition. All entries must be submitted by June 22, 2026. For more information, contact: Beau Glim at glim@diecasting.org.

Send sample casting(s) to:
NADCA – 2026 Casting Competition
3250 N. Arlington Heights Rd., Ste. 101
Arlington Heights, IL 60004



ALUMINUM – UNDER 1 LBS

BENDA TOOL & MODEL WORKS

PART: Housing HH3100M
MATERIAL: 383
WEIGHT: .775 lbs (.35 kg)
END MARKET:
Electronic Communications

CASTER AWARD NOMINEES:
Daniel Patterson, Victor Paniagua,
Ricardo Paniagua, Broderick
Gillard, & Jose Espinoza Lopez
CUSTOMER:
Dalton World Communication, Inc



FUNCTION OF PART

Housing for a multiband handheld radio.

PREVIOUS PROCESS TO PRODUCE PART

New product.

ADVANTAGES GAINED

The die casting process was chosen because of the ability to hold consistent dimensional specifications.



Benda Tool & Model Works
900 Alfred Nobel Dr.
Hercules, CA 94547
USA

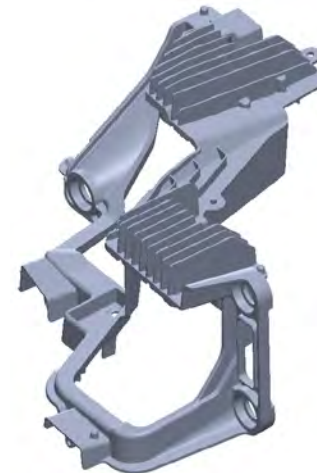


ALUMINUM – 1-10 LBS

TWIN CITY DIE CASTINGS CO.

PART: LED SUV Headlight Bracket
MATERIAL: 380
WEIGHT: 1.79 lb (.81 g)
END MARKET: Automotive

CASTER AWARD NOMINEES:
Devon Berrios, Arlan Cook, Bob
Krismer, Tony Yaritz, & John Wasko
CUSTOMER:
North American Lighting



FUNCTION OF PART

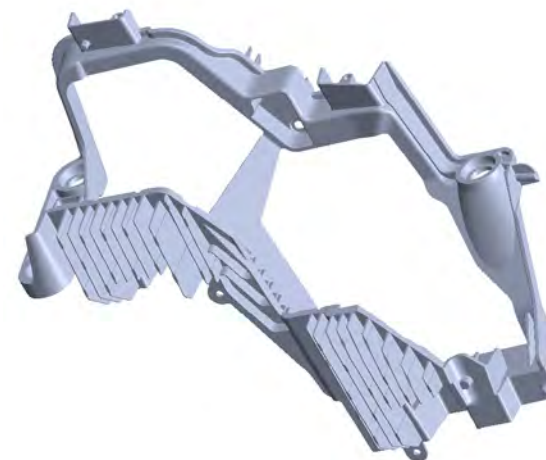
LED headlight alignment.

PREVIOUS PROCESS TO PRODUCE PART

The product was prototyped as a plastic assembly with die cast heat sinks. The part combines the assembly in a complete die casting.

ADVANTAGES GAINED

Die casting reduced the assembly cost and time. The casting design includes lifters, mechanical and hydraulic slides. Parts produced with die casting were able to meet the machined tolerances. GD&T call-outs (flatness, profiles, and position) held a tolerances less than .05mm, even across slides, lifters, and cavity steel. Blade ejection included in the cover half.



Twin City Die Castings Co.
520 Chelsea Rd.
Monticello, MN 55362
USA

2025
AWARD
WINNER

ALUMINUM – STRUCTURAL

XIAOMI AUTO TECHNOLOGY CO, LTD.

PART: Front Cabin Triangular Beam Assembly
MATERIAL: Alcoa C891F
WEIGHT: 11.7 lbs (5.3 kg)
END MARKET: Automotive
CASTER AWARD NOMINEES: Cui Qiang, Liao Pingwei,

Dai Tailiang (Xiaomi Auto Technology Co, Ltd), Xinyan Yan (Alcoa Corporation), Cheng Shuai (CS-MET New Materials Group Co., Ltd), Zhang Lei (KPSNC)
Developed in partnership with Alcoa.



FUNCTION OF PART

The front cabin triangular beam assembly serves several essential functions: Connect the left and right front shock absorber tower and front dash panel Meet the installation and fixing requirements of five major thermal management modules, including the air conditioning compressor, refrigerant module, cooling module, air conditioning box, high-efficiency particulate air filter

PREVIOUS PROCESS TO PRODUCE PART

Traditional design methods were used to join more than 20 steel stamping components by welding. In addition, the air-conditioning compressor is mounted to the steel triangular beam via one adapter structure.

ADVANTAGES GAINED

The front cabin triangular beam assembly has the following notable characteristics: Modular and Integrated Design, Modular Assembly Design, Bench Closed-loop Verification Technology, Extra-large Front Trunk Volume, Higher Safety, Higher Rigidity, and New Heat Treatment-free Cast Aluminum Material



Xiaomi Auto Technology Co., Ltd
Room 618, 6th Floor, Building 5, Courtyard 15, Kechuang 10th Street
Beijing, Beijing 102600
China

Alcoa Technical Center
859 White Cloud Rd
New Kensington, PA 15068
USA

CSMET New Materials Group Co., Ltd
699 Zhenyan Road, Zhangyan Town
Jinshan District, Shanghai 201514
China

HASCO KSPG Nonferrous Components (Shanghai) Co., Ltd.
No. 1288 Xingxian Road
Jiading Industrial Zone, Shanghai 201815
China

2025
AWARD
WINNER

ZINC – UNDER 6 OZ

SHAKESPEARE MACHINE STAMPING

PART: JZ Zinc Flange
MATERIAL: Zamak 3
WEIGHT: 1.6 oz (44 g)

END MARKET: Power Tools
CASTER AWARD NOMINEES: James Haarsma



FUNCTION OF PART

The JZ Zinc Flange is one of a series of Shakespeare's center hub flanges that function as the center component linking the arbor to the grinding wheel.

PREVIOUS PROCESS TO PRODUCE PART

These parts were originally produced on a 6-cavity tool using a conventional zinc die casting machine. The casting undergoes an orbital riveting process, highly deforming the hub around the center arbor of the grinding wheel. This dual requirement of functionality combined with a high-quality surface made this casting process historically difficult to manufacture.

ADVANTAGES GAINED

To produce these parts, Shakespeare invested in the newest technology in the zinc industry, including an 80T Frech hot chamber die casting machine, a 2-drop hot runner manifold system, and tooling by Contour Tool uniquely designed for the hot runner system. More cavities: eliminated the casting sprue and allowed for a redesign of the layout to increase cavities from 6 to 10. Shorter cycle time: hot runner technology allowed the cycle time to be reduced to 6.3 seconds per shot. Higher production rates: Faster cycle times and more cavities allow for a production rate of 5,700 parts per hour. Quality improvements: Improvements in surface quality and significant reduction in porosity resulted in a defect rate of zero. Additional work: Shakespeare has converted additional tools to the hot runner system based on the success of this part.

Shakespeare Machine Stamping
2801 S Memorial Dr.
Racine, WI 53403
USA



NOVEL APPLICATION OF DIE CASTING LAKESIDE CASTING SOLUTIONS

PART: Baseball Cleat
MATERIAL: Zamak 3
WEIGHT: 23 oz (6.5 g)
END MARKET: Sporting Goods

CASTER AWARD NOMINEES:
Adam Yager
CUSTOMER:
Kicks Industries



FUNCTION OF PART

Transform sneakers into cleats with YARDKICKS all metal baseball cleat. Cleats are installed onto shoes to increase traction on playing surfaces.



PREVIOUS PROCESS TO PRODUCE PART

Previous versions of the part were made with a plastic cleat.

ADVANTAGES GAINED

All-metal cleats increase the life and strength of the product. The all-metal cleats are manufactured more economically than previous versions. The all-metal cleats were part of a reshoring project, with parts now being manufactured and kits assembled in the United States of America.



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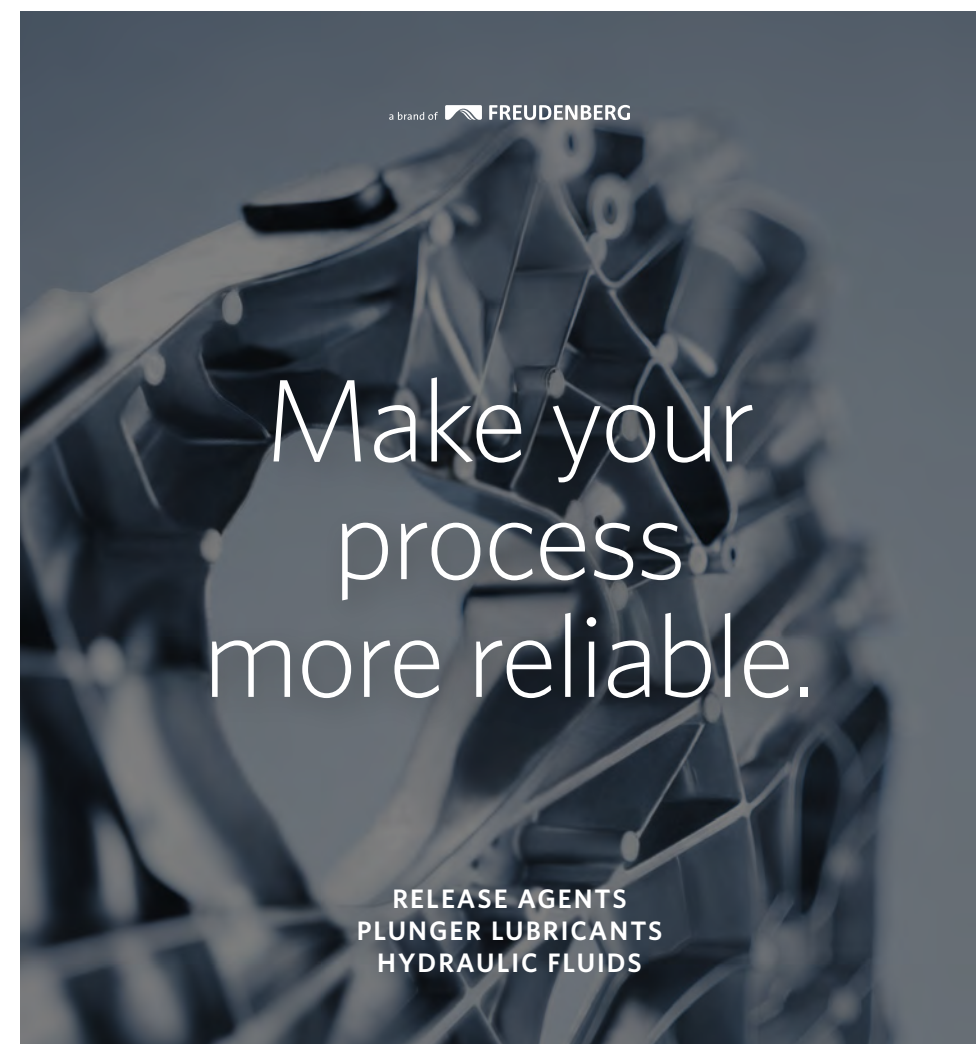
Bob McClintic, Owner/Consultant
523 Lincoln Lawns Dr NW
Grand Rapids, Michigan 49534

Cell: 616-292-0454

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EXECUTIVE Conference

2026

NADCA recently held our annual Executive Conference in Clearwater Beach, Florida. Nearly 135 of us came together to enjoy the sun, the networking, and the fantastic presentations. Lisa Ryan was our Keynote speaker, and she taught us to “Lead with Intent” – Through practical tools to elevate Culture in Die Casting.

NADCA relies on feedback from the attendees and received a tremendous number of responses. Overall, the event received high reviews, including the venue, the presentations, the food, golf and shelling activities, and of course the Tuesday Night Casino Event! The NADCA Executive Conference continues to be a preferred destination and ranks highly amongst all industry events.



An Attendee Described the Presentation as:

“Engaging presentation around employee engagement and retention. Excellent strategies intended to promote thought and ideas for employee motivation. Really appreciated the concepts presented”

Omar Nashashibi gave an update on what is occurring in Washington DC. From Tariffs to Executive Orders, and countless other actions, Omar’s presentation was extremely informative. We also had presentations on the US Economy (with a specific focus on Die Casting), Strategic Pathways for Die Casting Through 2035, a financial update, and we closed the conference with presentations on AI and NADCA’s Research and Development Activities.

As always, we surveyed our attendees and got a tremendous number of responses. Overall, the event was highly regarded – from the venue, to the presentations, to the food, our golf and boating activities, and of course to our Tuesday Night Big Band Event! This event continues to be a preferred destination and ranks highly amongst all industry events.

One Survey Respondent Stated:

“The Executive Conference is a must attend event. The diversity of technical, geopolitical, market, and overall leadership information is irreplaceable!”

2027 EXECUTIVE CONFERENCE

Our next Executive Conference will be at the Fairmont Scottsdale Princess in Scottsdale Arizona, from February 21-24, 2027. Come join us at a fantastic event! See photos from the recent conference.



THE PAST REFLECTS THE FUTURE



1946



1950

IDRA

1960

IDRA

1970



1980



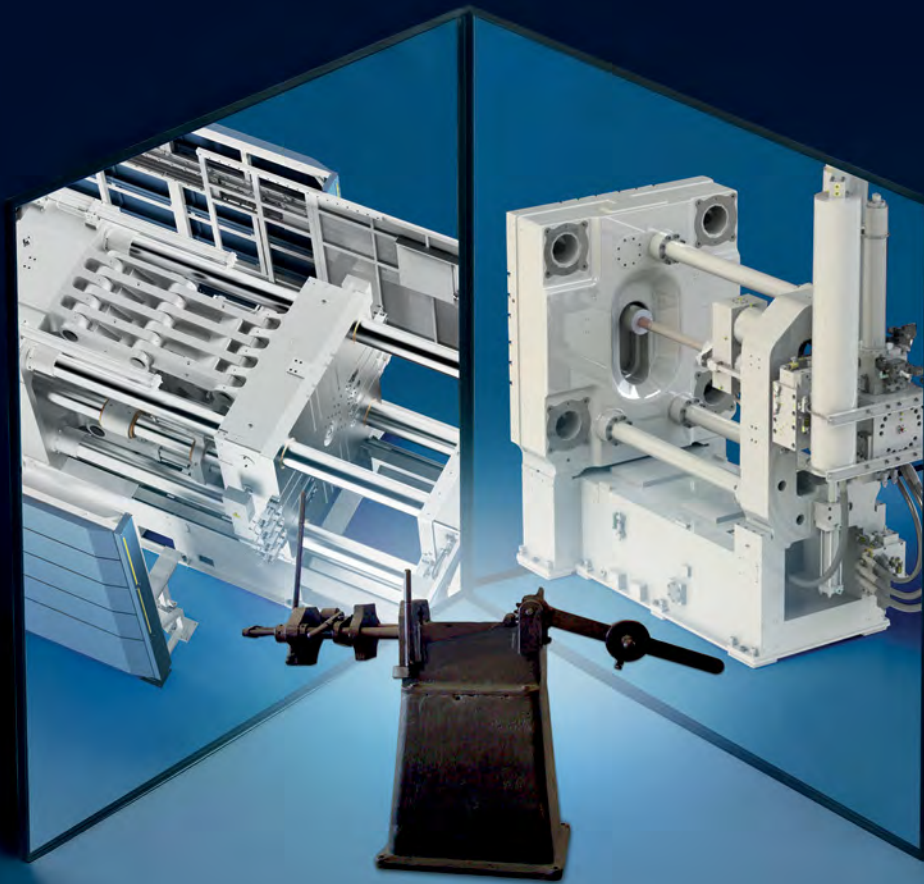
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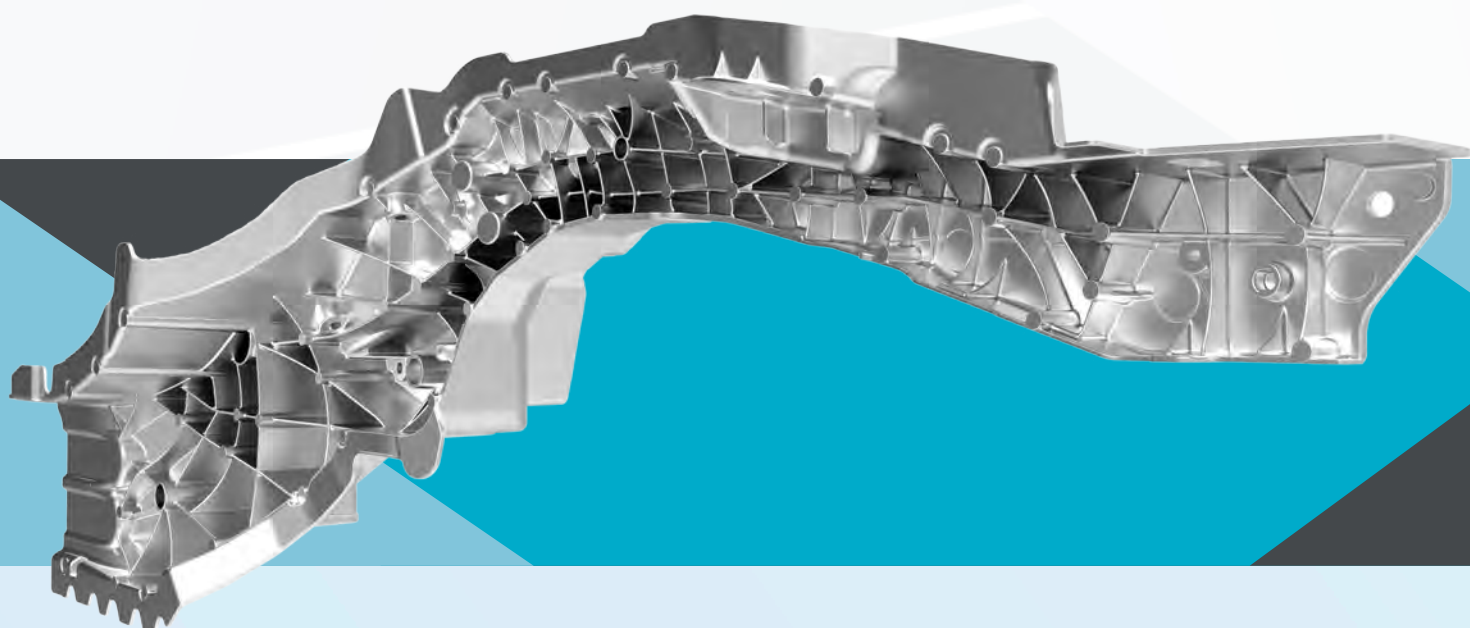
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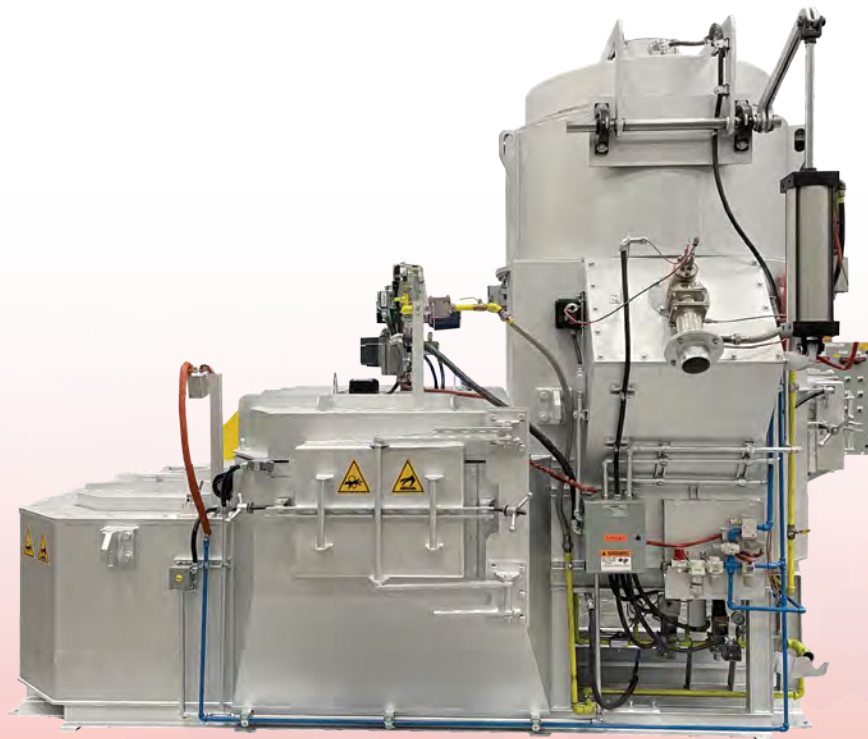
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Grand Rapids, MI 49548
(616) 698-6961

Falcon Lakeside Manufacturing
4999 Advance Way
Stevensville, MI 49127
(269) 429-6193

BOARD MEMBER INFORMATION

Position	Name/Company	Phone/Cell	Email
Chairperson <i>Elected 1/26 thru 2026</i> <i>BOG Rep</i>	Todd Ikerd Auto Cast, Inc.	p: 616-534-4941	tikerd@autocastinc.com
Vice Chairperson <i>Elected 1/26 thru 2026</i> Advertising Team Golf Chairperson	Steve Ridders Allied Mineral	c: 616-291-6912	steve.ridders@alliedmin.com
Treasurer <i>Elected 1/26 thru 2027</i> <i>BOG Rep</i>	Phil Rozema BuhlerPrince, Inc.	p: 616-394-8202 c: 616-520-5115	phil.rozema@buhlergroup.com
Secretary, Advertising Team <i>Elected 1/25 thru 2026</i>	Rob McInerney RJMII, LLC	c: 616-251-8923	robmcinerney@chartermi.net
Education Chairperson	Don Torrey Hanson International	c: 269-208-5770	dtorrey@hansoninternational.com dtorrey13@comcast.net
Scholarship Chairperson Program Chairperson	Steve Quirk Linamar / McLaren Engineering	c: 815-529-6362	steve.quirk@linamar.com
Membership Chairperson	Mike Martin IHI Hauzer Techno Coating, LLC	c: 248-520-6581	michaelmartinmm@comcast.net
Trustee Advertising Team	Tyler Kroes Kimura Foundry America	c: 586-846-0993	tyler.kroes@gmail.com
Trustee	Bob Worthy The Worthy Company	c: 517-204-6430	bob@worthycompany.com
Trustee	Jon Burns Martinrea International US, Inc.	c: 248-260-0243	jonathan.burns@martinrea.com
Trustee	Bill Berry DTE	p: 616-530-9030	w.berry@dietch-gr.com
Trustee	Allen Farley Cascade Die Casting	c: 616-755-5006	afarley@cascade-cdc.com
Trustee	Jeremy DeHoff Cascade Die Casting	c: 231-638-7843	jdehoff@cascade-cdc.com
Trustee	Scott Kirkman Die Therm Engineering, LLC	p: 616-822-4016	skirkman@dietherm.com
Trustee	Leonardo Concha Magna	c: 248-977-9588	leonardo.concha@magna.com
Trustee	Chris Lee Carpenter Brothers, Inc.	c: 269-903-9939	c.lee@carpenterbrothersinc.com



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Thermal Oil Units
to 662 °F



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- Separate Expansion Vessel
- Forced Flow Technology
- Solid State Controls
- Single & Dual Zone
- Internal By-Pass

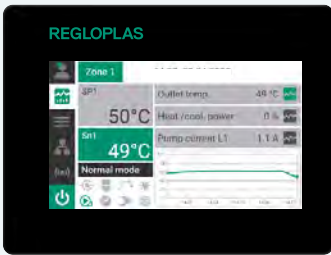
Pressurized Water Units
to 392 °F



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- Indirect Cooling Technology
- Non-Ferrous Construction
- Solid State Controls
- Single & Dual Zone
- Auto Water Refill



Regloplas RT-200 Controller



Additional
Information:



- OPC UA as General, Standardized Interface
- Interfaces: Ethernet, USB, WLAN and Bluetooth
- Customer-Specific Graphical Display of Process Data
- 5" TFT Color Display, Capacitive-Touch Technology
- Supports Remote Maintenance and Remote Support Service
- Highly Flexible Solution for the Installation of Temperature Control Units and Temperature Solutions

Regloplas Corporation | 4063 Tabor Road | Sodus, Michigan 49126 | USA

www.regloplasusa.com info@regloplasusa.com

SCHEDULE OF EVENTS
THEME FOR THE YEAR, “SOLID FOUNDATIONS”

2026

January

- 22** Board Meeting
Before Dinner Meeting
- Dinner Meeting
Peppino's
- Basic Financial
Making Sense of the Numbers
Spencer Schultze,
Cascade Die Cast CFO

February

- Publish Directory
- 26** Board Meeting
Before Dinner Meeting
- Dinner Meeting
Peppino's
- Furnace Efficiency
Tim Hoyt - Allied Mineral Products

March

- 1-4** Executive Conference
Clearwater Beach, FL
- 13** Board Meeting
DTE

April

- 23** Board Meeting
Before Dinner Meeting
- Dinner Meeting
Peppino's
- Where Die Caster's Margins
are Won or Lost
B&L Information Systems

May

- 8** Board Meeting
DTE
- Golf Registration Open

June

- 12** Board Meeting
DTE
- Kick Off Golf Outing
- 22-26** Western MI Short Course

July

- 10** Board Meeting
DTE
- NADCA Class

August

- 7** Board Meeting
DTE
- 13** Golf Vendor Night/Reception
- 14** Golf Outing

September

- 11** Board Meeting
DTE
- 29-30** NADCA Congress & Tabletop
Grand Rapids

October

- 1** NADCA Congress & Tabletop
Grand Rapids
- 9** Board Meeting
DTE
- NADCA Class

November

- 13** Board Meeting
DTE
- 2027 Kickoff

December

- 11** Board Meeting
DTE
- NADCA Board Elections
- 2027 Budget

Page	Company	Address	Phone	Website
16	Allied Metal Company	2059 South Canal St, Chicago, IL 60616	312-225-2800	alliedmetalcompany.com
40	Allied Mineral Products	2700 Scioto Pkwy, Columbus, OH 43221	614-876-0244	alliedmineral.com
10, 18	ANVILOY - Weldstone Americas, LLC	6901 Bryan Dairy Rd - Ste 110, Largo, FL 33777	727-256-7166	anviloy.com
65	Artiflex Manufacturing	6500 Clay Ave SW, Grand Rapids, MI 49548	616-698-6961	artiflexmfg.com
12	Auto Cast, Inc.	4565 Spartan Industrial Dr SW, Grandville, MI 49418	616-534-4941	autocastinc.com
59	Bob McClintic & Assoc. / Dr. Die Cast	523 Lincoln Lawns Dr NW, Walker, MI 49534	616-292-0454	drdiecast.com
29	Brach Machine Inc.	367 Paul Rd, Rochester, NY 14624	585-343-9134	brachmachine.com
33	Brondolin North America	10161 49th St N - Ste N, Pinellas Park, FL 33782	945-365-3555	brondolin-na.com
B	Buhler Group	670 Windcrest Dr, Holland, MI 49423	616-394-8248	buhlergroup.com
8	Carpenter Brothers, Inc.	7100 W Donges Bay Rd, Mequon, WI 53092	800-558-9244	carpenterbrothersinc.com
59	Chem Trend, L.P.	1445 W McPherson Park Dr, Howell, Michigan 48843	517-545-7980	chemtrend.com
60	Die Cast Press Mfg. Company, Inc.	56480 Kasper Dr, Paw Paw, MI 49079	269-657-6060	diecastpress.com
C1	Die Tech & Engineering, Inc.	4620 Herman Ave SW, Wyoming, MI 49509	616-530-9030	dietech-gr.com
14	Eastern Alloys, Inc.	PO Box 317, Henry Henning Dr, Maybrook, NY 12543	845-427-2252	eazall.com
41	EKK, Inc.	29551 Greenfield Rd - Ste 209, Southfield, MI 48076	248-624-9957	ekkinc.com
20	Frech USA	6000 S Ohio St, Michigan City, IN 46360	219-874-2812	frechusa.com
61	HA Group	630 Oakmont Ln, Westmont, IL 60559	330-283-7206	ha-international.com
32	Hansen-Balk Steel Treating Co.	1230 Monroe Ave NW, Grand Rapids, MI 49505	616-458-1414	hansenbalk.com
1	Hanson International	3500 Hollywood Rd, St Joseph, MI 49085	269-429-5555	hansoninternational.com
48	HERCO, LLC	1377 Atlantic Blvd, Auburn Hills, MI 48326	248-656-5900	hercogroup.com
14	Hill & Griffith Company	1085 Summer St, Cincinnati, OH 45204	800-543-0425	hillandgriffith.com
26	Hormesa	304 Indian Trace #299, Weston, FL 33326	954-323-2299	hormesa.com
4	Huron Valley Steel Corp	1650 West Jefferson - Ste 100, Trenton, MI 48183	734-479-3500	hvsc.net
63	IDRA North America	1510 Ann St, Kokomo, IN 46901	765-459-0085	idragroup.com

Page	Company	Address	Phone	Website
8	Imperial Group	1700 W Fulton St, Chicago, IL 60612	312-226-7465	imperialgp.com
44	Industrial Innovations Inc.	2936 Dormax St NW, Grandville, MI 49418	616-249-1525	industrialinnovations.com
46	International Mold Steel, Inc.	1155 Victory Place, Hebron, KY 41048	859-342-6000	imsteel.com
64	Kimura Foundry America	789 Boomer Wy, Shelbyville, IN 46176	317-604-5158	kimurafoundry.com
16	LaFrance Manufacturing	124 Millwell Dr, Maryland Heights, MO 63043	517-204-6430	lafrancemfg.com
22	Lethiguel USA	14800 James Rd, Rogers, MN 55374	763-428-4229	lethiguelusa.com
36	Lindberg/MPH	3827 Riverside Rd, Riverside, MI 49084	269-849-2700	lindbergmph.com
72	M & I Machine	5040 M-63, Coloma, MI 49038	269-849-3624	shotendtooling.com
28	MAGMA Foundry Technologies	10 N Martingale Rd # 425, Schaumburg, IL 60173	847-969-1001	magmasoft.com
50	Metal Mechanics, Inc.	350 S 14th St, Schoolcraft, MI 49087	269-679-2525	metalmechanics.com
45	Non-Haz Hydraulic Fluids, LLC	PO Box 468, Jackson, MI 49204	517-740-4437	non-hazhydraulicfluids.com
6	OEE Companies	855 Village Center Dr #336, North Oaks, MN 55127	612-440-5714	oeecompanies.com
32	Oerlikon Balzers	7800 N Alger Rd, Alma, MI 48801	989-463-6268	oerlikon.com
45	Onsite Machining, Inc.	11354 N Alger Rd, Alma, MI 48801	989-681-5958	onsitemachine.com
21	Progressive Components	235 Industrial Dr, Wauconda, IL 60084	800-269-6653	procomps.com
66	Pyrotek, Inc.	4447 E Park 30 Dr, Columbia City, IN 46725-8872	866-797-6835	pyrotek.com
68	Regloplas	4063 Tabor Rd, Sodus, MI 49126	269-428-1100	regloplas.com
19	South Haven Finishing	1610 Stieve Dr, South Haven, MI 49090	269-637-2047	southhavenfinishing.com
2	StrikoWestofen - Norican	1606 Executive Dr, LaGrange, GA 30240	706-884-6884	strikowestofen.com
29	Swiss Steel USA	365 Village Dr, Carol Stream, IL 60188	800-323-1233	swisssteel-group.com
37	The Schaefer Group	1300 Grange Hall Rd, Dayton, OH 45430-1013	937-253-3342	theschaefergroup.com
21	Van Hydraulics	25 Gooding Rd, Conklin, MI 49403	616-887-3337	vanhyd.com
C4	voestalpine High Performance Metals	2505 Millennium Dr, Elgin, IL 60124	800-638-2520	voestalpine.com/hpm/usa



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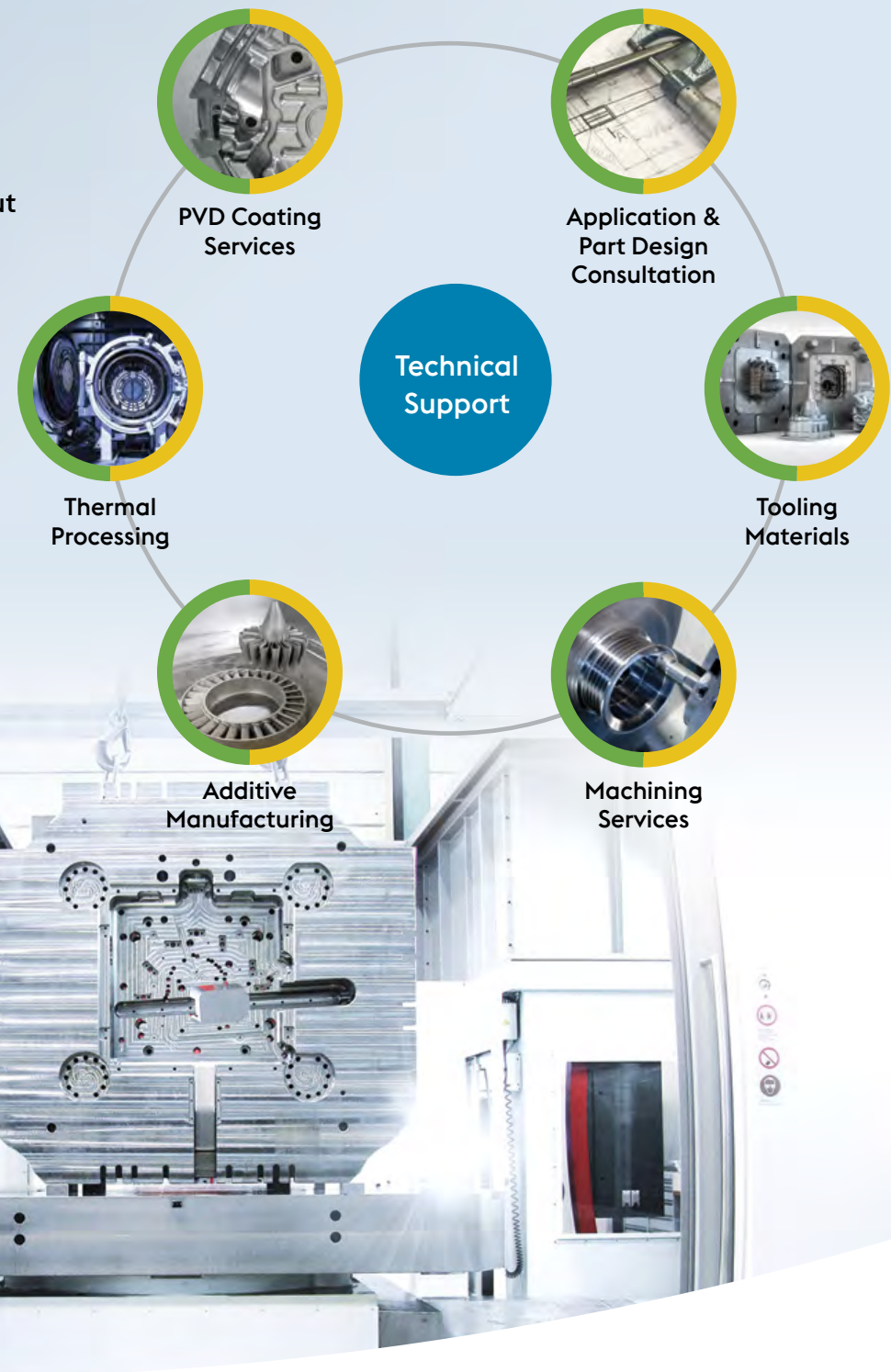
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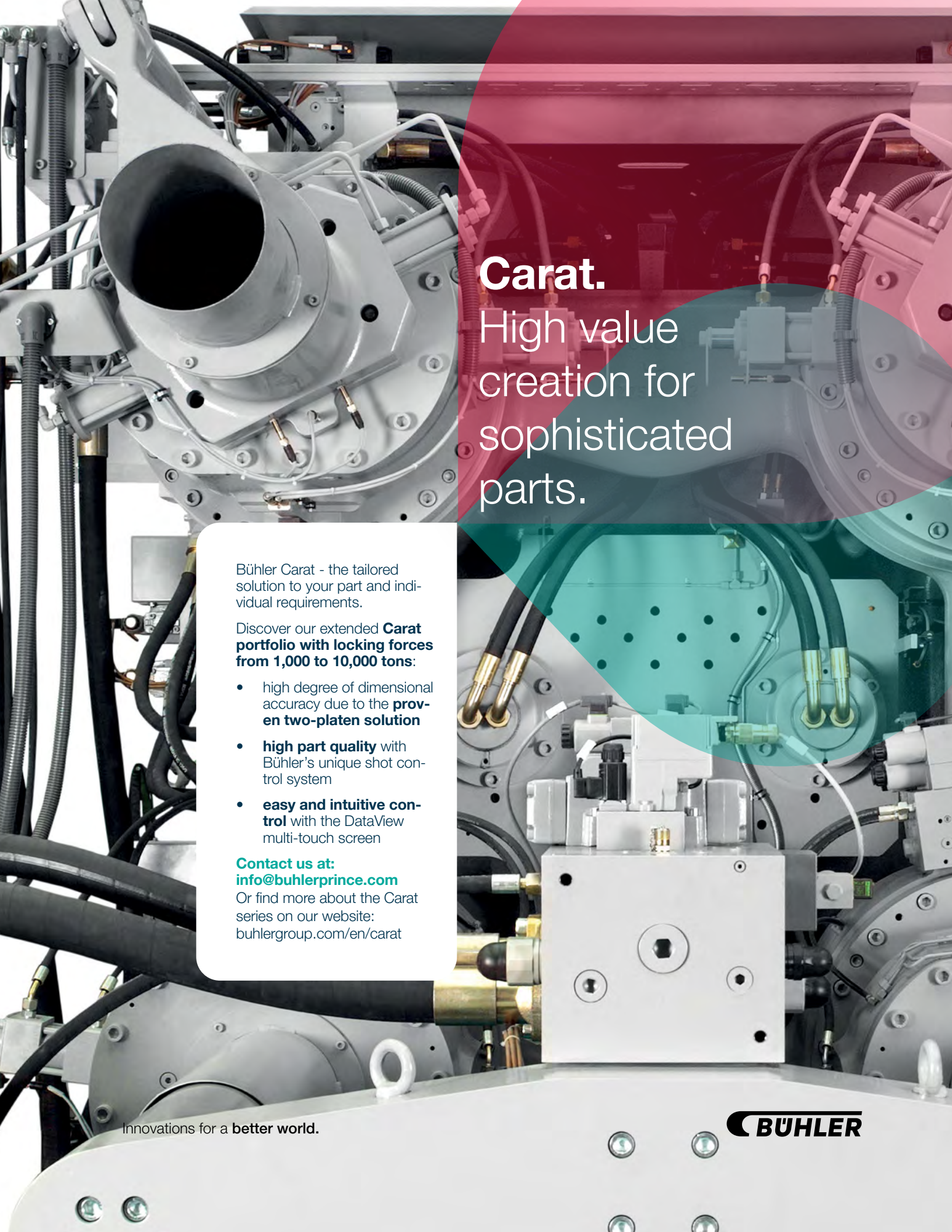


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