



106, Côté
 Saint-Cyprien (Québec)
 Canada G0L 2P0
 Phone: (418) 963-3227
 Fax: (418) 963-2494



A dynamic company

Established since 1967 in Saint-Cyprien de Rivière-du-Loup, AMT Die Casting Inc. owns two die-casting plants operating 24 hours a day and works closely with a business partner dedicated to the design and manufacturing of aluminium casting molds.

Our more than 125 employees strive to satisfy the expectations of our customers in the United-States, Canada, Mexico and Germany. AMT is particularly active in the automobile, recreational, electrical, electronic and commercial products industries... AMT's customer portfolio is diverse: let us mention a few companies such as General Motors, Ford, CVTech-IBC, DaimlerChrysler, Stanley Tools, McCue...

AMT specializes in high pressure die casting of aluminium and zinc parts in small, medium and large volumes. These parts of either high or low integrity can weigh a few ounces up to more than 10 pounds. Moreover, our machine shop allows us to offer value added products. We also offer finishing operations for parts such as painting, anodizing or thermal treatment... We can also offer our services for the sub-assembly of components.

All these activities are made possible thanks to the infrastructures and management practices in place at AMT. This includes more that 50,000 sq. feet of space for die casting, machining and tool manufacturing, 10 injection molding machines of 400 to 900-ton capacity, automation, cell work and semi-autonomous work teams.

Our multi-disciplinary team of professionals, technicians, metallurgist, mechanical, industrial engineers and die casting experts with more than 20 years of experience allows the company to see a project through to completion from its design stage to the finished product. The main benefit of this group of experts is the optimization of the casting process in order to cast quality parts requiring high strength, pressure tight applications that rival other casting processes.

Our sales team maintains a close contact with our clientele from the beginning to the end of a project. Our customer service ensures you get a quick answer to all your requests and guarantees that your expectations are met.

The company, eager to assure its own development and meet the forever-demanding needs of its customers, allocates annually important sums to the evaluation and acquisition of new die casting technologies.

AMT - your partner of choice!





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Continuing Innovation

Through the years, many innovative breakthroughs, either at the alloy, tools or die casting level were introduced at AMT Die Casting Inc.

Innovations specific to alloys are as follows:

- Development of high ductility alloy to answer to the specific needs of our customers with an application for assembling parts by crimping;
- Development of a unique casting set up allowing us to use various alloys simultaneously. Alloys may vary from low copper to high silicon content;
- Experimentation with special alloys like Silafont 36 which has excellent ductility properties. This alloy and its by-products are destined for use in various end products which are assembled by crimping or required in impact resistance applications;
- Experimentation with special alloys having high hardness properties without the negative effects of high silicon content. These alloys are meant for, among other things, resistance to wear applications.

Our lengthy experience in the design and manufacture of tools has allowed us to develop various treatments for the surface of the molds to extend their life expectancy. On the other hand, various innovative central injection techniques were introduced to permit the die casting of parts with a particular profile.

Far from being satisfied with these innovations, a multidisciplinary team is dedicated to the identification and implementation of innovative die casting processes to answer the need for aluminium parts with greater ductility and without porosity! Continuous development is our goal!





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Quality First

AMT Die Casting Inc. has been awarded many recognitions of excellence by its major customers from the automobile, recreational and other commercial industries because of to the total commitment of its employees to attain the highest standards of quality.

In order to gain the high level of quality required by its customers, AMT has developed a continuous training program for all its employees.

Many quality initiatives unfold regularly throughout the company such as the 8D-5S-PVA continuing improvement process, ISO 9001-2000 quality system internal and external audits and performance indicators well known and shared by all employees...

Our quality approach is supported by top of the line test equipment. AMT owns a spectrometer, a programmable real-time fluoroscopy system with additional screen for defect comparison and CNC-CMM coordinates measuring equipment.

All things considered, everyone at AMT is an integral part of our quality approach and is proud to satisfy the needs of our customers!





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Technologies that guarantee success

One of the aspects that distinguish AMT Die Casting Inc. from most aluminium die-casting companies is its capacity to die cast different types of alloys simultaneously. Each die casting cell has its own casting unit. This allows for higher production flexibility. It is not rare to see A360, A380, B390, A413, C443 or other alloys cast at the same time!

Each casting cell is equipped to ensure its complete autonomy while respecting the integrity of the process. In fact, each casting cell is equipped with an integrated alloy filtration system to ensure the performance requirements of the various alloys. Process peripheral technologies are also used such as a vacuum system specifically developed by AMT and thermal control oil sensors for the control of die temperature. Moreover, a digital injection control system with servo-valves and alarms that guarantees the integrity of the aluminium injection phases is part of the die casting process. Automatic elements are also used at the casting cells such as an automated aluminium pouring system and an automatic lubricant applicator.

Ultimately, our expertise goes beyond the die casting of parts. A design and die casting mold-manufacturing workshop brings an important contribution to the success of AMT. Our expert personnel with many years of experience in the design and manufacture of molds also has the know-how required to design and develop jigs, templates and custom-made equipment required for the machining and assembly of sub-components for the production of high volume parts.

Overall, a combination of expertise and technology allows AMT to offer you a wide range of products either with low or high value added.

