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Company

Date Established	1980
Number of Employees	12
Annual Sales	\$3M
Processes	Tooling Design, Tool and Die, CNC Machining, Stamping and Wire EDM (custom tool design, the construction of press tools to perform hand transfer, automated transfer and progressive tools with single and multiple parts produced)

Main Products and Services **Tool Die-Namics specializes in Tooling for the Auto Parts Industry.**

Tooling Design and 3D Modeling

Using state of the art software allows us to provide our customers with fully detailed and updated designs either in 2D or solid formats. Using blank and forming software our engineers locate and trouble-shoot potential part production problems before implementation of build. Tooling is both imperial and metric.

Tool and Die Services

At Tool Die-Namics, we understand our customer's time constraints pertaining to lead time of die builds. Tool Die-Namics provides our customers with the highest level of service, from design phase to implementation of machined components, assembly, shipping, tool proving, and part inspection

CNC Mill Services

The CNC Milling Department at Tool Die-Namics Inc. consists of two of the most sophisticated machining centers available today. Glass scales enhance the accuracy of these machines and together with Heiden Hein controls, guarantee the repeat quality of our products. Solid works together

with EDGECAM provide a firm base for the design and programming of the most complex components.

CMM Capabilities

Quality Assurance and confirmation of capacity is supported by two CNC coordinate measuring machines, driven by the latest version of PC DIMIS this equipment can confirm sizes and guarantee repeat ability.

Custom Machining

Tool Die-Namics offers a full range of machining services including CNC Milling & EDM. From 1-off to small or medium sized production runs.

Metal Stamping Services

Tool Die-Namics production stamping is able to accommodate light to medium, short or long runs of stamped components and our production stamping is able to accommodate light to medium, short or long runs of stamped components.

Wire EDM

EDM is used to machine features that would be difficult or not possible with other techniques. Hardened steel and exotic alloys pose little challenge over softer work pieces.

C Wire EDM Services

Grinding

Form grinding, jig grinding, or surface grinding, Tool Die-Namics can precisely grind parts of virtually any material in their tool and die department.

Business Opportunities

Current Clients and Specific interests

Tool Die-Namics is a full service global provider of innovative solutions, including the design and manufacture of tooling for the auto parts industry. We are expanding our global presence and at this time, are focusing on the Mexican auto parts industry.

Using the most advanced equipment, Tool Die-Namics specializes in the automotive industry and boasts Ford, General Motors, BMW, VW, Porche, Chrysler, Honda, Toyota and TATA as satisfied customers. Tool Die-Namics is pleased to have already expanded into the Mexican auto parts marketplace and clients in Mexico include VRK (a division of Van Rob) and Flex-N-Gate Automotive Companies

Company Description

Tool Die-Namics Inc. is a Pickering based Company founded in 1980 by President and CEO, Robert Cake. Their 8,000 plus square feet of prime manufacturing space is climate controlled for high productivity and thermal stability of sensitive machinery. Tool Die-Namics have two facilities. The engineering, manufacturing and quality control is carried out at 1066 Copperstone Drive in the City of Pickering and their three wire machines are located at Dienamic Wire, 905 Dillingham Road, Unit 1, also located in Pickering. Both facilities are close to major highways and Pearson International Airport.

For the last 30 years, Tool Die-Namics has provided a multitude of services such as custom tool design, the construction of press tools to perform hand transfer, automated transfer and progressive tools with single and multiple parts produced. Although their global markets are varied, they specialize in the **auto parts industry**. Other industries include medical, construction, hardware, recreational, agricultural, manufacturing, aircraft and others. Their products always meet and exceed all applicable standards. Continuous improvements, training and eagerness to compete on a global stage have served to keep Tool Die-Namics Inc. a front runner in their industry.

Our Mission

It is the mission of Tool Die-Namics to develop a working partnership with our **international customers** based on being responsive to their needs, delivering exceptional quality products and outstanding professional customer service.

Our goal is to promote fiscal growth and profitability to assure our position as a world class Company. We are proud to reward all employees with opportunity, involvement, and a safe, challenging and progressive workplace.

Tool Die-Namics has been ISO90001:2000. This standard has given Tool Die-Namics a proven edge in the quality and efficiency that our world-wide customers demand.

Manufacturing Processes and Technology

Our skilled staff, technology and our innovative processes, honed and perfected over 40 years, has provided our customers with reduced delivery times, zero defects, cost competitiveness and outstanding customer service.

Tool design at Tool Die-Namics Inc. is the most important element in our sequence of events. Customer communication input data and specifications are funneled into our projects so as to ensure customer satisfaction. The in-house design and modeling are carried out through the most modern and up to date technological equipment and software available. Using state of the art software allows us to provide our customers with fully detailed and updated designs either in 2D or solid formats. Using blank and forming

software our engineers locate and trouble-shoot potential part production problems before implementation of build.

Today tooling is a global market and building tools in both imperial and metric is a must.

Countries in Central America, Asia, and in Europe are all competing to build the finest most fuel-efficient vehicles on the road and we are more than ready to design and build tooling for all their needs.

With over 40 years of development experience, we have an intimate knowledge of tooling design and a strong mechanical background. We have the in-house recourses to design and develop products from an idea, a sketch, a sample, even a partially completed design. We can take that idea from concept to market. One of our core strengths, what sets us apart from our competitors, is that we are accomplished product designers and can assist you with the development of your project. We focus our efforts on complex and innovative manufacturing processes in order to maintain our market niche.

Sample Projects at Tool Die-Namics Inc.

Auto Industry: Include tooling to produce surface "A" class parts throughout the car to and include axel components. Hood and trunk lid, hinge component as well as IP and cross car beam tooling fill our catalogue. Step inserts for high end sport utilities as well as steering column support brackets are included in our experience.

Manufacturing Companies: that manufacture commercial products such as industrial shelving, racking and warehouse storage systems have utilized our expertise.

The Roll Form Industry: has through joint ventures asked us to incorporate our tooling with there's to produce air conditioning component as well as auto motive frame sub assemblies.

Aerospace and medical industries are satisfied Tool Die-Namics customers.

Quality Assurance

The ISO program outlines a process approach to implementing and supporting a quality management system. As a result, Tool Die-Namics is engaged in setting of Quality Policy and Quality Goals and Objectives. It continues with Management reviewing data from the QMS, and taking actions to make sure that Quality Goals are met, new Goals are set, and continual improvement is achieved. It also gives the responsibility back to staff for quality, as well as the management team, thus producing a quality management environment rather than a strict separate quality control department.

Quality, consistent with customer needs and requirements are attained by the following Quality Objectives:

- By adhering to the requirements of the ISO 9001 : 2000 Standard.
- By performing in-process monitoring of essential process characteristics
- Working with the client, reviewing their feedback to enable us to provide prompt and

appropriate action.

- By encouraging excellence in workmanship and promoting employee satisfaction through communication and coaching, leading to quality improvements.
- By conducting regular reviews of supplier and subcontractor performance and performing assessments.

The Tool Die-Namic's philosophy is one of "quality first" and their corporate culture fosters these world class standards. Tool Die-Namics' consistently invests in the upgrading of their employees' skills so that they can attain their highest level of achievement. They invest in the highest quality equipment and software. For example, Tool Die-Namic's CNC Milling Department consists of two of the most sophisticated machining centres available today. Glass scales enhance the accuracy of these machines and together with Heiden Hein controls, the quality of our products is guaranteed.

Tool Die-Namics foster a culture that ensures "world class" standards are met consistently by investing in the upgrading of our employees' skills so that they can attain their highest level of achievement. They also utilize on-machine gauging, various optical measuring devices, and a full complement of measuring tools, gauges, and surfaces to ensure precision tooling.

Solid works together with EDGECAM provide a firm base for the design and programming of the most complex components and our quality assurance is supported by two CNC coordinate measuring machines, driven by the latest version of PC DIMIS this equipment can confirm sizes and guarantee repeat ability. Three wire EDM machines provide the backbone of our ability to produce quality tooling in a timely manner. Both second and third access projects have proven to be of little difficulty given the capability of our MASTER CAM software and the experience of our technicians.

Customer Satisfaction Commitment

- Our commitment to you: to exceed your expectations
- Our products are world class and we will ensure your satisfaction
- We treat you with courtesy and respect
- Our aim is to build a long-term relationship with you
- Everyone at Tool Die-Namics is accountable to you, our customer
- We strive to serve you through the method of your choice: in person, by telephone, fax, mail, e-mail and on the website
- Our automated services are available for your use 24 hours a day, seven days a week
- Web site: Available 365 days per year, 24 hours per day, except during periods of system maintenance. Broken links brought to our attention will be fixed immediately
- Our business team answers phone calls promptly and returns your email inquiry within 24 hours
- Your privacy is protected. Keeping your information and financial affairs confidential is fundamental to the way we do business

Sales and Markets

The annual sales figures of Tool Die-Namics are in the range of \$3M however, their new global perspective should facilitate higher annual sales and expansion plans.

Market Niche

What differentiates Tool Die-Namics from the rest? Their innovative manufacturing processes are clearly a value add for our clients. They specialize in difficult and complex tooling. This market niche not only results from our forty plus years of experience but also our commitment to continuous improvement and state of the art equipment and software.

With our development experience, we have an intimate knowledge of tooling design and a strong mechanical background. We have the in-house recourses to design and develop products from an idea, a sketch, a sample, even a partially completed design. We can take that idea from concept to market. One of our core strengths, what sets us apart from our competitors, is that we are accomplished product designers and can assist you with the development of your project. We focus our efforts on complex and innovative manufacturing processes in order to maintain our market niche.

Business Opportunities

This progressive and innovative Company is dedicated to growing its international business to meet the increasing marketplace demands, while maintaining its mandate for delivering exceptional customer satisfaction by providing personalized service, unparalleled quality workmanship, competitive pricing and on-time delivery, all the time! Having over 40 years of experience, much of it in the auto parts industry, ensures that the Mexican auto parts industry has a new resource to do business with. We are inviting open discussion between our Mexican customers and ourselves to determine the benefits of dealing with Tool Die-Namics. Please peruse our website, email or call us to discuss how we might develop a long term, mutually beneficial business relationship.

Additional Information

Tool Die-Namics is looking to expand further into global markets and invites prospective clients to contact us immediately.

Contacts

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