Corporate Presentation



CIMtech Green Energy Mfg Inc. 5-17942, 55 Ave, Surrey, BC, Canada V3S 6C8

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www.CimtechGreenEnergy.com



Company's Overview

- ▶ CIMtech is a fast-growing company, providing services for hydrogen fuel cell & electrolyzers.
- Our turnkey solutions include proof-of-concept prototypes, NPI & global scale manufacturing of Hydrogen fuel cells & electric vehicle assemblies.
- Nominated as a top 10 manufacturing company in Canada.
- ► CIMtech is playing a vital role in creating a greener planet with carbon-neutral initiatives.



Our Vision



worldwide resources.

CIMtech will create an extraordinary customer experience with competitive lead times and provide constant feedback to nprove manufacturing design for cost reduction. CIMtech will offer high-quality competitive manufacturing to our customers using our environmentally friendly pro

environmentally friendly products for ongoing revenue growth.

CIMtech Facility

Modern Facility based on Industry 4.0 Digital Manufacturing Systems.



CIMtech Capabilities

- Modern Facility based on Industry 4.0 Digital Manufacturing Systems.
- ▶ 15+ years of experience with Global Manufacturing Resources.
- CIMtech customers saved \$5 million using our DFM program.
- CIMtech offers Zero Inventory Program for contract manufacturing.
- Capabilities to transition projects from proof-of-concept to large-scale production.
- Long-term production partnerships with the biggest names in the fuel cell industry.





ŠMART MANUFACTURING

\$MART Manufacturing

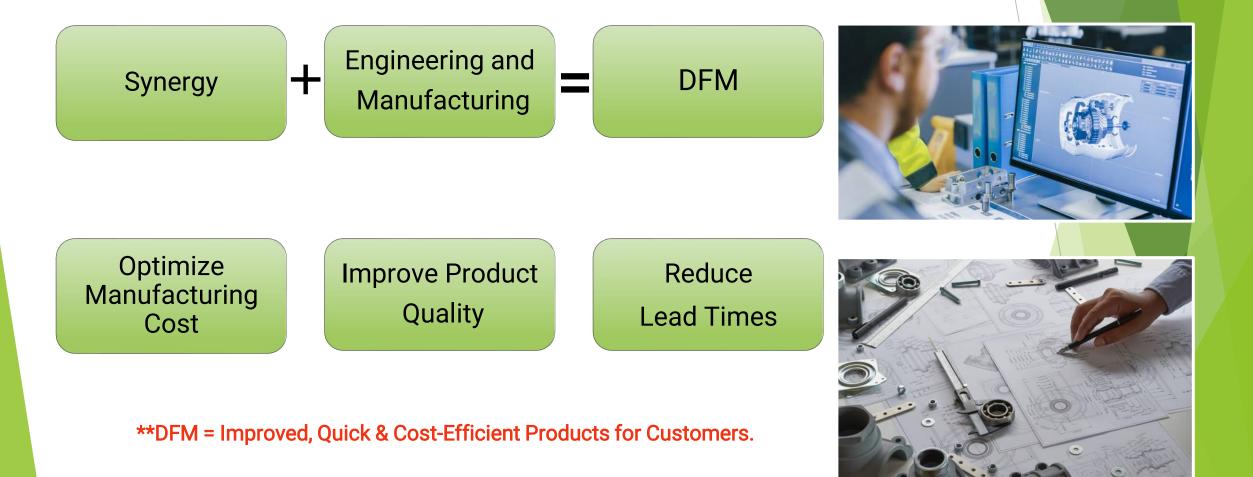
Design for Manufacturing (DFM)

Zero Inventory Program

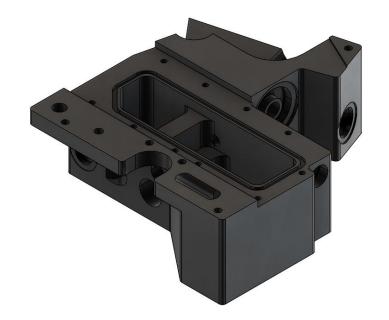
Low-Cost Global Manufacturing Program

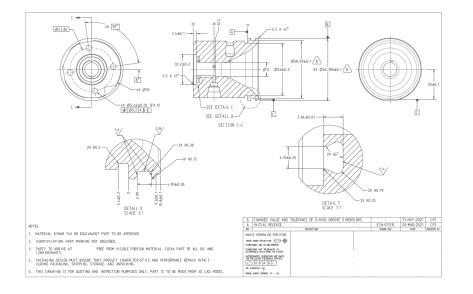
Benefits: Price, Quality & Delivery

Design For Manufacturing (DFM)



Design For Manufacturing (DFM)

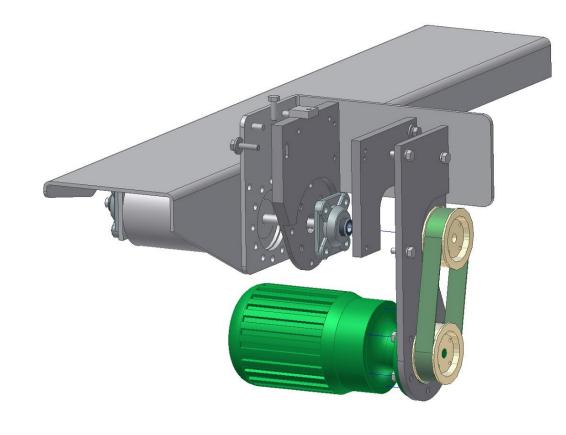




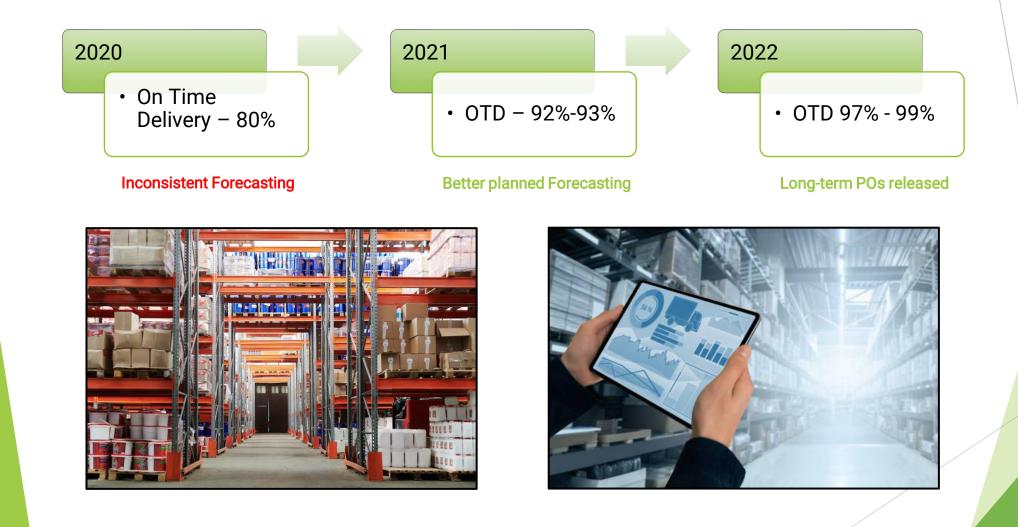
Part price reduced 15-30% through DFM Feedback.

(DFM) Engineering Services

Manufacturing engineering expertise to lower cost of products. **5 Million dollars saved to our customers**



Zero-Inventory Program



Zero-Inventory Program

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| Work On | der #. 13-1 | 36 | e First Art. Require | d | | Oty Ordered: | 115 | | Status: | Complete | e PC | Philip Westerly | |
| Part #: | 3658 | IGM-3 (Archived Part) | Part Rev: | 0 1 | • | Raw Stock Qty: | 115 | | Cust. Due: | 9/24/2013 | e Planner: | Kelsey Helkoop | |
| Part Nar | me: Lowe | r Plate | Drawing # | 365 | 81GM-3 | Complete for | Rec 0.0 | | e Days to Ship: | 2 | e Set-up by Planner. | | |
| Part Des | cription | | Drawing Rev. | D | • | @ WO Type: | Repeat Pro | duction (| Must Leave By: | 9/20/2013 | @ Running by Planner. | | |
| Custom | er. Korn | an Industries (AS) | @ Include New Rev | Targets: | | @ W0 Class: | In House | 1 | Delivery Priority: | | Planning Level: | | |
| Oust. PO #. 6881214 (# | | 214 (#1-5) | (#1-5) Related Work Orders: Standardized Labor Rate: | | @ 13-1137 (RT) | Est 8 Amount: | â | | @ Count As On-time? | | ITAR Controlled?: | | |
| Build To Inventory: | | | | | | Per Part FMV: | â | 1 | Taken At Loss1: | | ・出く自 | • • • | |
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| | | minum 6061T6 ASTM 822 | | | | | | | | | | | |
| Jutside | Processing: Cor | version Coat (Metal Finish | ring) MIL-DTL-5541 Tj | ype I, Class 1A - | (Yellow) (Supe | ersedes MIL-C-5541) | | | | | | | |
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| | | Hour: 1.8 Last: 1.9 Vev/ | Set Cycle Time Estimates | | | | | | | | | | |
| ection fre | | | Set Cycle Time Estimates Nom Dim | ⊖ Tel± | IPC? | 7 | 8 | 9 | 10 | _ | | | |
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| ection fre | quency: 10 Target Pe () Drawing Spe | : Inspec Equip | | | | | | | 10 | | Drder: 13-1136: Graph Display hopdev.com/procnc/work | | iformName: |
| ection fre | quency: 10 Target Pe © Drawing Spe 3.359 | c Inspec Equip | | 0.005 | 1 | 3.3595 | 3.3609 .3795 | 3.360 | | ~ () pros | | korders/2013/13-11365 effesh graph) | iformName |
| ection fre | opency: 10 Target Pe © Drawing Spe 3.359 © .380 | c Inspec Equip Caliper Pin | | 0.005 0.005 | 1 | 3.3595 .3795 | 3.3609 .3795 | 3.360 | | ~ 0 pros | hopdev.com/procnc/worl | korders/2013/13-11365 effesh graph) | iformName |
| ection fre | equency: 10 Target Pe © Drawing Spe 3.359 0.380 5.547 Sx | calper Calper Pin Pin + Height Gage | Nom Dim | 0.005 0.005 0.005 | * * * | 3.3593 .3795 5.5469-5.5472 | 3.3609 .3795 5.5474-5.5467 | 3.360 .879 5.5472-5.548 | | <pre>// ① pros // Part:KE // Hi 0.18 // // // // // // // // // // // // //</pre> | hopdev.com/procnc/worl (R1-365816H-3 Work Bu | korders/2013/13-11365 effesh graph) | iformName |
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| ection fre Tag # | equency: 10 Target Pe © Drawing Spe 3.359 0.380 5.547 Sx .224 4.431 0.120 Sx | Caliper Caliper Pin Pin + Height Gage Height Gage GO/NO GD + Height Pin Optical C. | Nom Dim | a cos a cos a cos a cos a cos +.00400 | | 3.3595 .3795 5.5469-5.5472 .2234-224 4.4810 .119-120 | 3.3609 .3795 5.5474-5.5467 .2238-2232 4.4782 .119-1195 | 3.360 .379 5.5472-5.548 .2229-2256 .4.4922 .119-120 | | √ ✓ Part:KE ✓ × × × × × × × × × × | hapdev.com/procnc/work Rt1-365816H-3 Work b 5 000 001 002 | korders/2013/13-11965 chech groth reder:13-1136 0p:58 | iformName: Dim:99 D |
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| ection fre Tag # | Appendix 10 Tempet Per 0 Drawing Spe 3.359 0 .380 5.547 5K .224 .4431 0.120 3K 0 .120 3K 7.175 3K 0 .175 3K Thread 2-96 ST1 7.175 | Imspec Equip Caliper Pin Pin + Height Gage GO/NO GO + Height Pin Cottoal C. Cottoal C. 4X | Nom Dim | a cos a cos a cos a cos a cos a cos +:00400 a cos | | 33593 3795 55469-55472 2234-224 44810 119-125 .1799-1776 | 3.3600 .3795 5.5474-5.5467 2238-2232 4.4782 .1191195 .1752177 | 3.360 .379 5.5472-5.548 .223-2256 4.4822 .119-120 .1747-1748 | | <pre>// ① pros // Part:HE // Hi 0.18 // Sp 0.17 //</pre> | hapdev.com/procnc/work Rt1-365816H-3 Work b 5 000 001 002 | korders/2013/13-11965 chech groth reder:13-1136 0p:58 | formName: Dim:99 D |
| ection fre Tag # | Appendix 10 Target Per 0 Drawing Spe 3.359 0 3.80 5.547 5K .224 4.431 0 1.20 3K 0 .120 3K 0 1.75 3K Thread 2-56 ST1 0 .257 4K | Imspec Equip Caliper Caliper Pin Pin Pin Pin Pin Cage O(NO GO + Height Pin Coptcul C Optcul C Pin Pin SO/NO-GO Pin Pi | Nom Dim | a cos a cos a cos a cos + 004-00 a cos + 004-00 a cos | | 33503 .3795 55469-55472 2234-224 44810 .119-120 .1799-1776 | 3.3600 .3795 5.5474-5.5467 2238-2232 4.4782 .119-1195 .1752-177 | 3.360 379 5.5472-5.548 229-2256 4.4822 .119-120 .1747-1748 2575-258 | | <pre>// ① pros // Part:HE // Hi 0.18 // Sp 0.17 //</pre> | hapdev.com/procnc/work Rt1-365816H-3 Work b 5 000 001 002 | korders/2013/13-11965 chech groth reder:13-1136 0p:58 | formName: Dim:99 D |
| | epercer: 10 Terryt Per 6 Drawling Spin 3.359 0.380 5.547 Sr 2.24 4.481 0.120 Sr 1.120 Sr | Imspec Equip Caliper Caliper Pin Pin Pin Pin Pin Cage O(NO GO + Height Pin Coptcul C Optcul C Pin Pin SO/NO-GO Pin Pi | Gage | a cos a cos a cos a cos + 004-00 a cos + 004-00 a cos | | 33903 .3795 55469-5472 .2234-224 4.4810 .119-120 .1799-1776 .2575-258 .3291-3307 | 3.3600 .3795 5.5474-5.5467 2238-2232 4.4782 .119-1195 .1782-177 2575-258 3282-331 | 3.360 379 5.5472-5.548 223-2256 4.4822 .1747.1748 .1747.1748 .2575-258 .3321-3323 | | <pre>// ① pros // Part:HE // Hi 0.18 // Sp 0.17 //</pre> | hapdev.com/procnc/work Rt1-365816H-3 Work b 5 000 001 002 | korders/2013/13-11965 chech groth reder:13-1136 0p:58 | formName: Dim:99 D |



****Never run out of parts****



- Faster Delivery
- Cost Savings
- Consistent Availability
- Order Accuracy
- Just-in-Time Supply

Global Manufacturing Resources



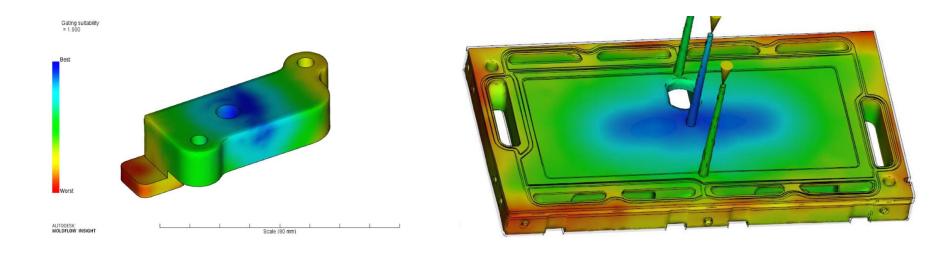
Global Manufacturing Resources

Optimize Production Cost

CIMtech Green Energy Quality Systems

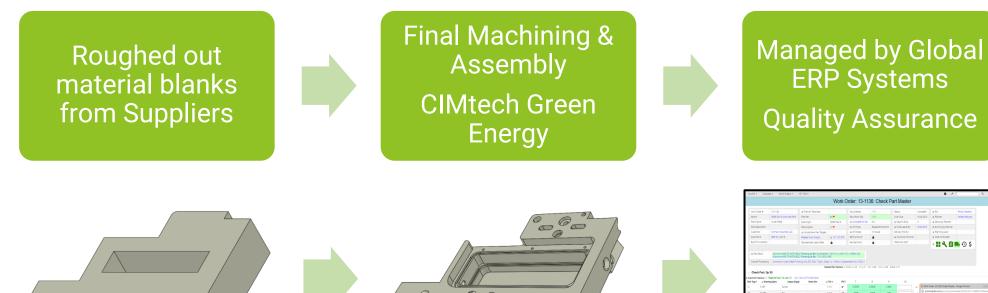
Facilities managed by CIMtech Management Systems

Global Injection Molding Capabilities



- Injection Mold Design done at CIMtech Green Energy
- Software Capabilities for Analysis & Tooling

Lower Cost of Manufacturing



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\$MART Manufacturing



- Part Cost: \$300 USD
- Annual Qty: 5000
- DFM Cost reduction: 15%
- Annual savings: \$225,000

CIMtech Global Mfg. & Expansion

- Multiple Mfg. Facilities CIMtech management systems
- CIMtech Green Energy expansion US Warehouse Facility
- Semi-finished materials Lower Cost of Manufacturing

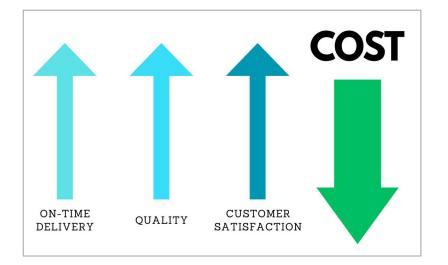


\$MART Manufacturing

Cost Reduction 10% to 30%

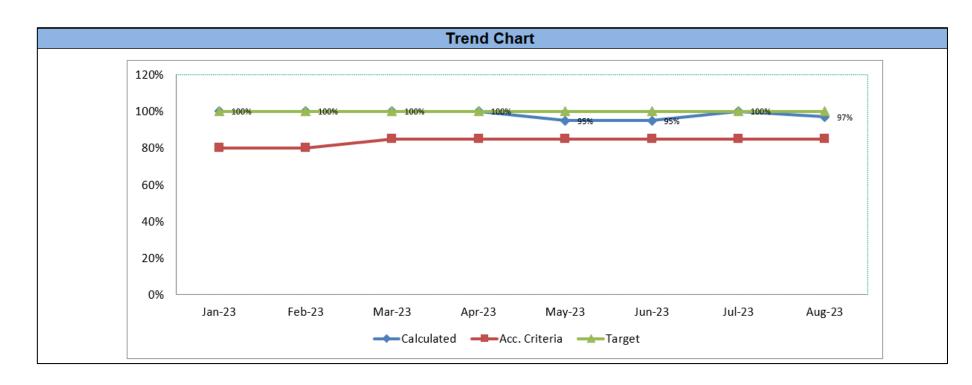
99.8% Quality Achieved

Zero Inventory Program ensured 99.7% ON-Time Delivery





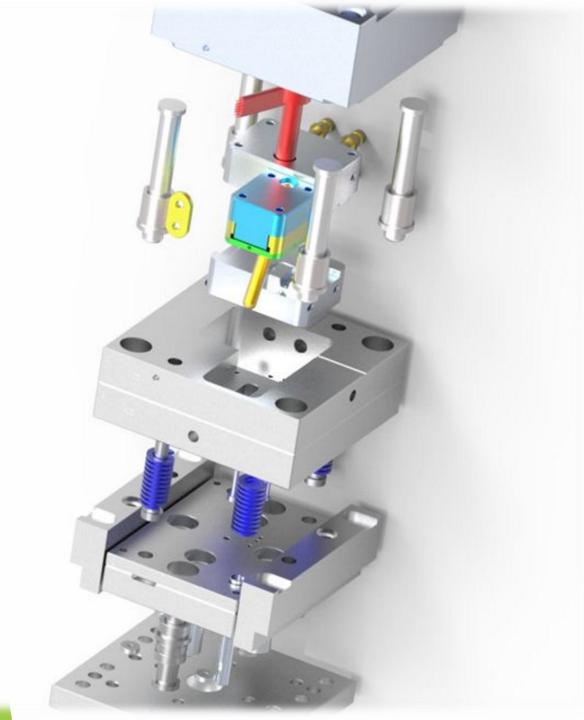
Quality



- Facilities Management; Cloud Based ERP System & CIMtech Green Energy
- CIMtech Quality for customers 99% Achieved

Proof of concept- Prototype Manufacturing

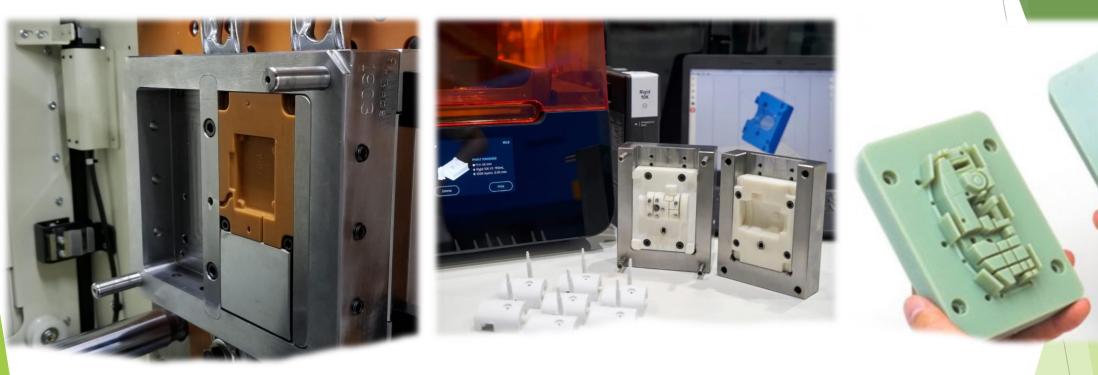




Low Volume Injection Molding

Suit Your Small Batch Order

Low Volume Injection Molding



Definition: At CIMtech, our on-demand, low-volume production offering with injection molding which uses aluminum tooling is a fast, cost-effective way to produce hundreds of thousands of end-use molded parts.

This is a specialized service offering full production-quality parts but in volumes usually limited to 1,000 pieces or fewer, depending on the process used. Our low-volume molding, also called short runs, are monitored and controlled so you can be assured of all aspects of mold design and build. This type of production is ideal for small and medium-sized businesses or small-batch manufacturing.



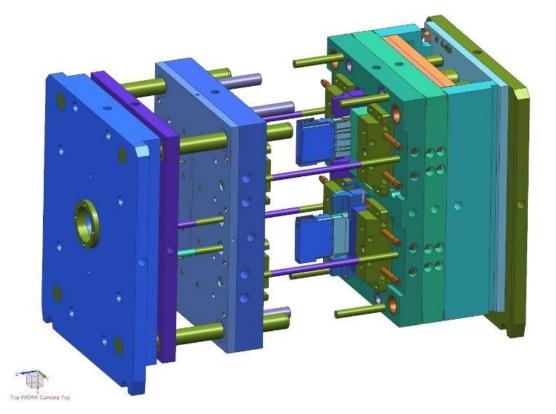


Low Volume Injection Molding

Cost Effective Tooling – Turn Around in 14 days

- Lower Injection Mold Cost by 50% to 80%
- Faster Production Cycles Turn Around Time in 2 weeks
- Design Flexibility Shorter Runs Test New Designs Before Production
- Risk Mitigation before Scaled Manufacturing
- No Minimum Order Quantity Required
- Reduced Waste and Environmental Impact

Injection Molding Design Engineering



Capabilities to design & manufacture complex molds.

Autoclave Bonding Capabilities





CNC Machining & Autoclave Bonding Capabilities – G10 & Composites

Sheet Metal Fabrication

Sheet Metal Fabrications from prototyping to production.



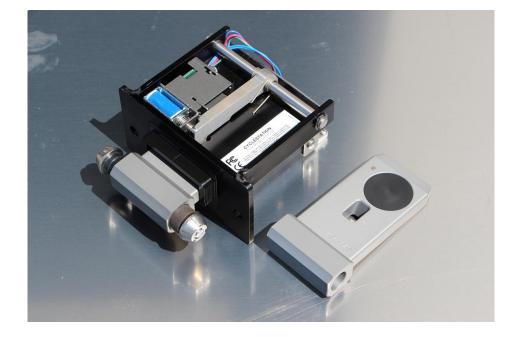


Sheet Metal Fabrication

Sheet Metal Fabrications from prototyping to production.



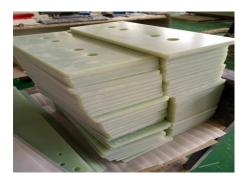
Assembly Capabilities





2000 STATION BIKE SHARE SYSTEM (Installed at Miami Beach, Florida)

Components and Assemblies



▶ G10 - FR4



PVDF Parts



Carbon Graphite Plates



Aluminum Manifolds



Clear Acrylic



Fuel Cell Assembly

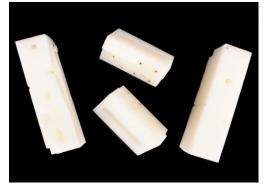
Fuel Cell Parts and Assemblies



▶ G11 - FR4



Fuel Cell Unit



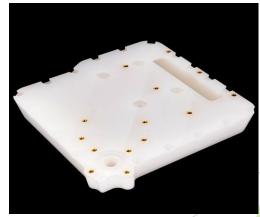
PVDF Parts



Acetron GP Manifolds



Clear Acrylic



PVDF Assembly

Cool Projects





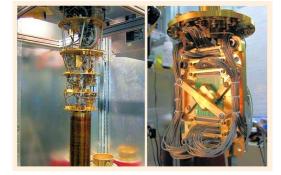
Hydrogen Powered Forklifts
 Gun & Rocket System



Hydrogen Truck



Cellcentric Fuel Cell



Quantum Computers



Fuel Cell Automotive

Cool Projects







- Google goes Quantum
- Kodak Laser Head
- Solar Powered Bike Share



Boeing 787 Tooling



Hydrogen Fueling Station

Quality Certifications



Canada's top 10 manufacturing company

















YOUR PARTNER IN MANUFACTURING INNOVATION

PROTOTYPING - PRODUCTION - ASSEMBLY - ENGINEERING

Get your parts in 14 days

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