



SOLUTION (DRIVEN) TECHNOLOGY

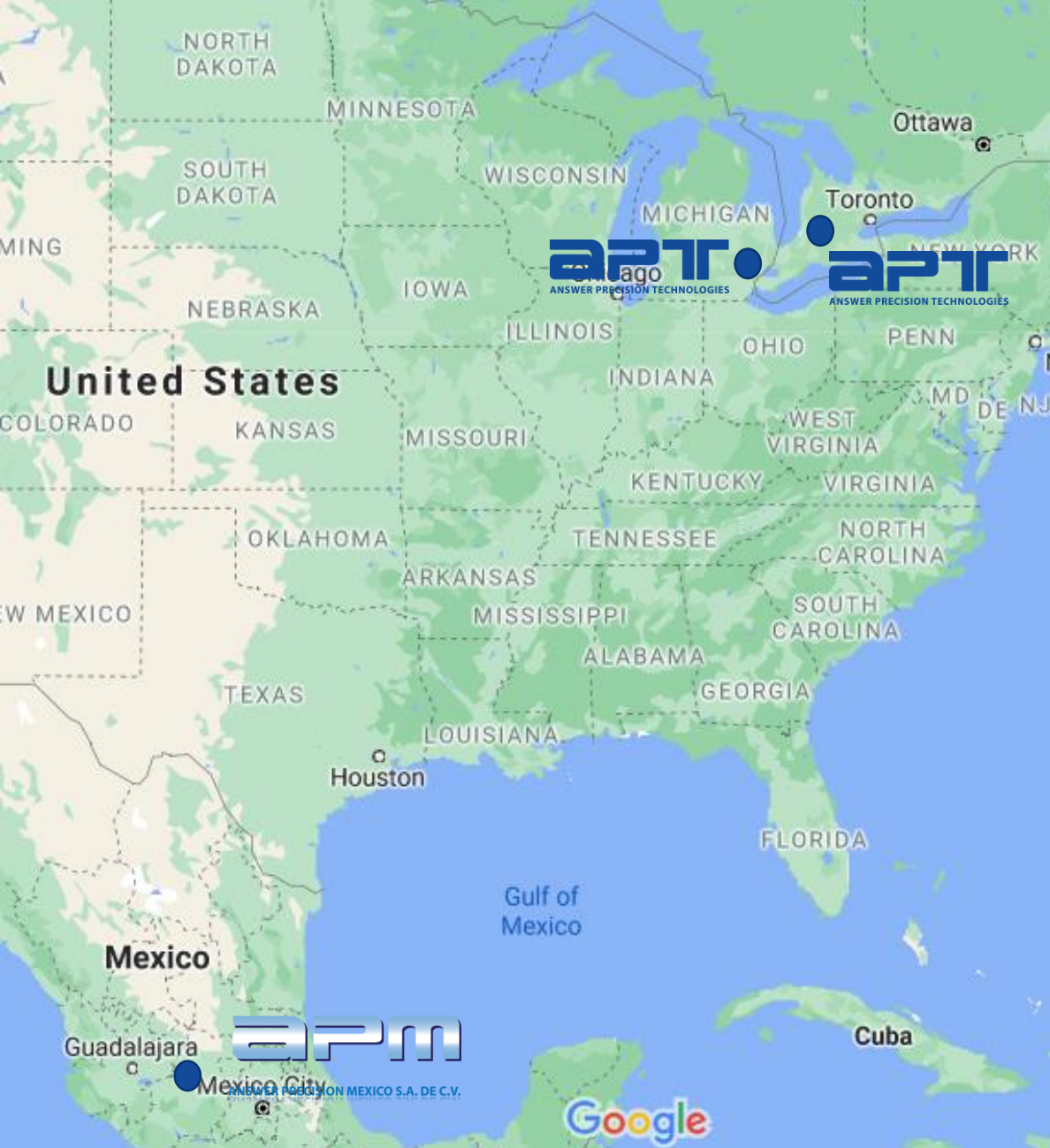
ABOUT US

Answer Precision Technologies was established in 1996, providing the local automotive industry with quality gauging and custom machining. As the reputation of its quality products increased, Answer Precision grew into the required capacity, developing a customer base of Tier 1's and OEM's. Progressively supplying gauging, automated gauges and then automation cells and tooling. Answer Precision can supply the complete package from Tooling, Fixtures and Assembly Equipment

As Answer Precision Technologies established itself in additional markets it transitioned into a technology center. Constantly increasing its capabilities and technology as a result of an intrinsic desire to improve processes and products for its customers, Answer Precision became a required solution provider.

Today Answer Precision Technologies is a world class Manufacturing Technology Center offering proprietary technology and full service solutions from development through to build or production. Each new customer challenge allows us to provide our customer with innovative, practical solutions.

Strategically Answer Precision Technologies is located in the 3 markets that we serve. Canada, USA, Mexico



APT has 3 locations across North America

Answer Precision Technologies

Kitchener, Ontario

50,000 sf

80 employees

3 Shift – 7 day operation

ISO9001:2015

ISO17025

Answer Precision Technologies LLC

Southfield, Michigan

3 Employees

Answer Precision Mexico

Queretaro, Mexico

12,000sf

15 employees

ISO9001:2015

ISO17025

Fixtures

- Attribute Fixtures/CMM Holding Fixtures
- Statistical Process Control Fixtures
- Environment Fixtures
- Master Simulation Fixtures
- Poka Yoke Fixtures
- Carbon Fiber Apertures
- Vision System Fixtures
- Seam Alignment Fixtures
- Waterjet Fixtures
- Full Vehicle Inspection Fixtures
- Body-In-White Fixtures
- Machining Fixtures
- Interior/Exterior Fixtures

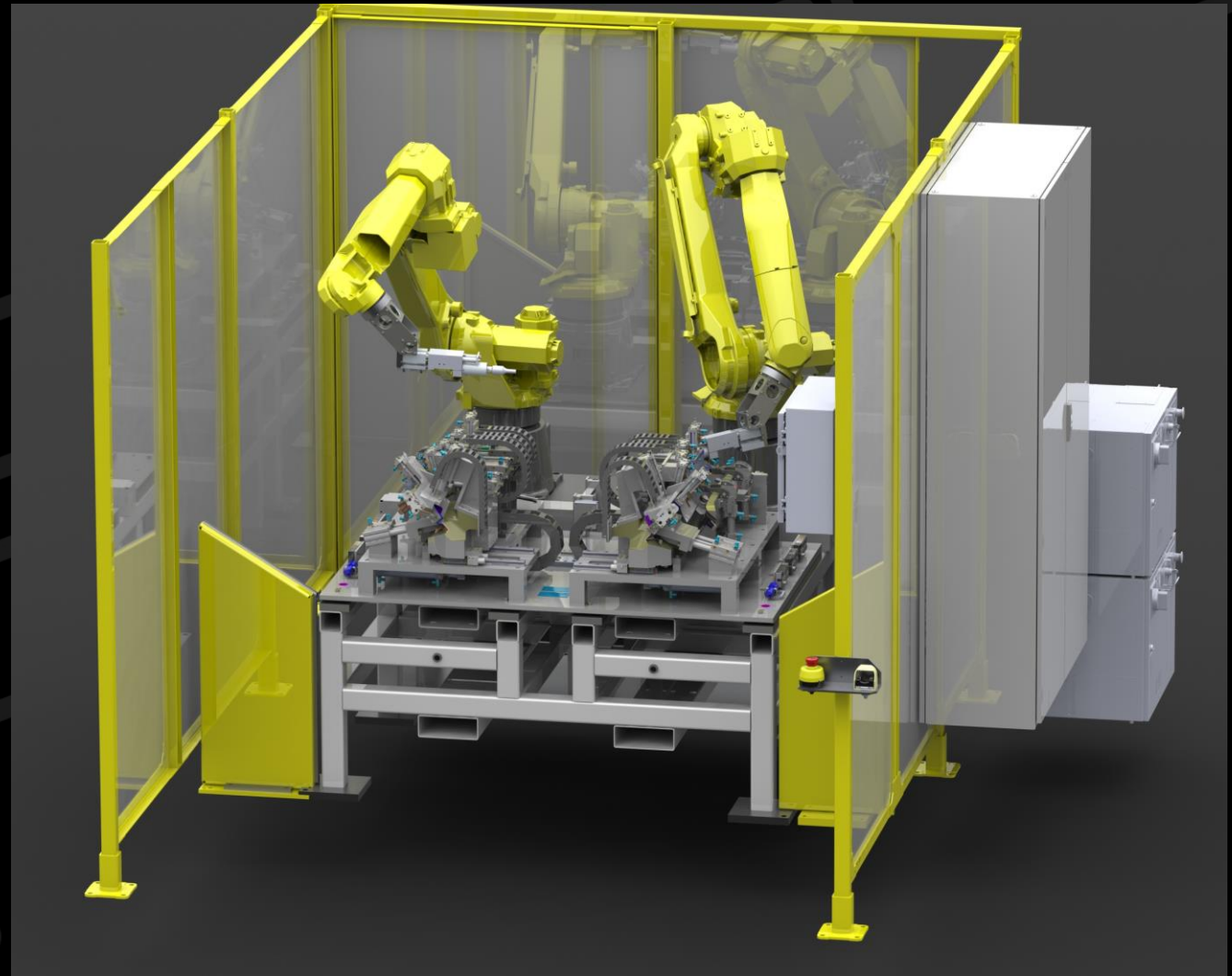


Automation

- Leak Test Equipment
- Clip Install Cell
- Assembly Cell
- Interior Primary/Secondary Equipment
- Presses
- Punch And Weld Cell
- Bonding & Adhesive Equipment
- End Of Arm Tooling (Eoat)
- Vision Systems

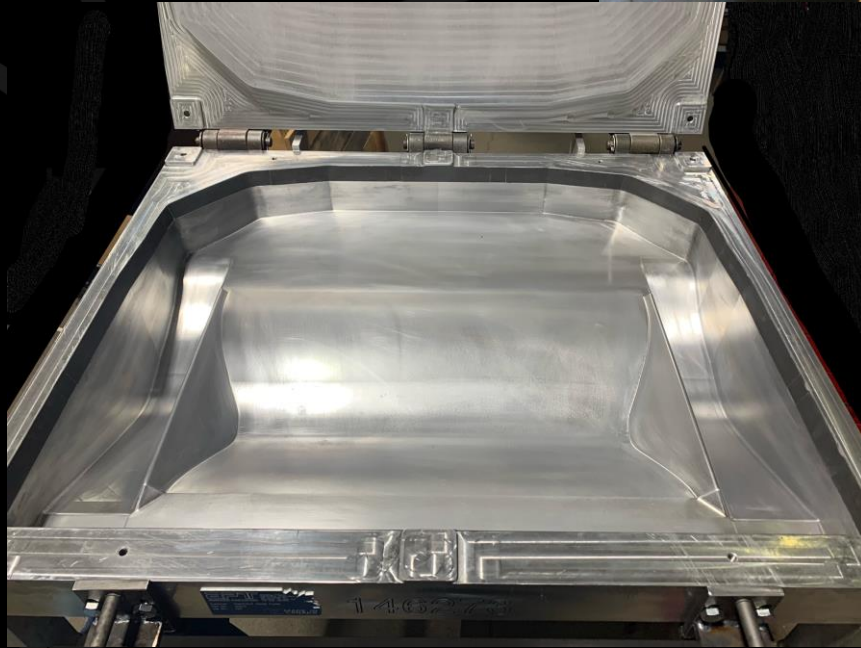
Specialty Tooling

- Install Jigs
- Lamination Tooling
- Cooling Jigs



Tooling

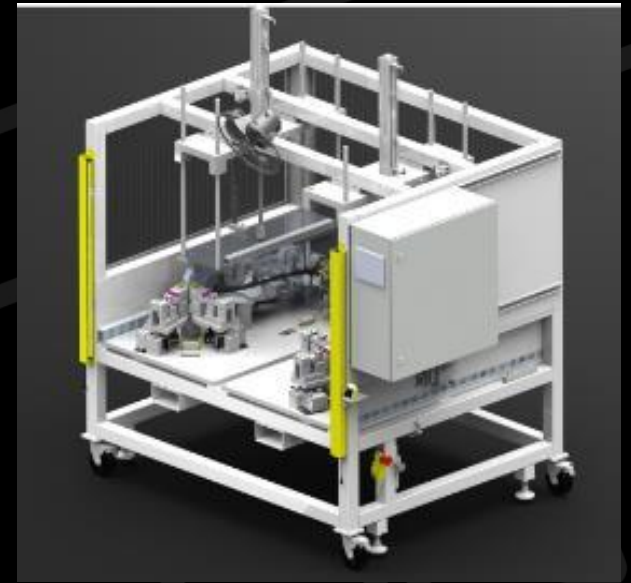
- Compression Molds
- Vacuum forming tools
- Flexible Urethane Foam molds
- Hard Urethane Foam Molds
- Blow Molds
- Rotational Molds
- Composite Tooling
- Particle foam molds



Full service supplier of Cut/Wrap/Sew Equipment

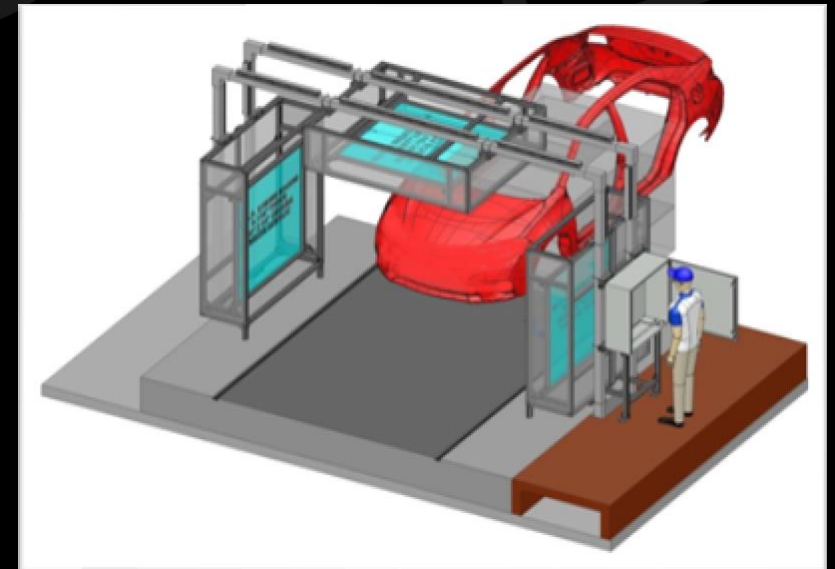
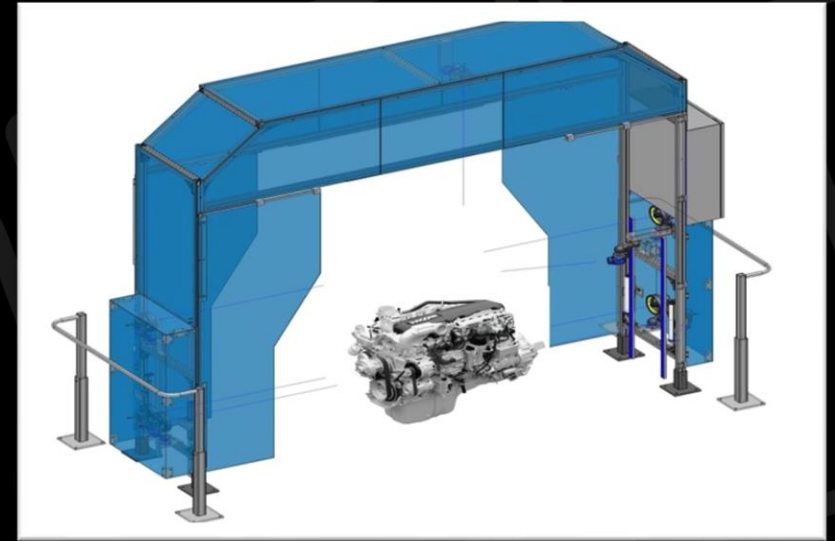
APT Scalable Support for automated processes includes, but is not limited to:

- CAD/Math
- 3D printed or proto injection molded substrates
- Laser Trimming
- Edge wrap equipment
- Seam Alignment equipment
- Press lamination
- Skived/Proto-molded foam buns
- Stand-alone, manual work cells
- Simulate production wrapping process
- Support pattern development
- Support equipment development
- Create development/prototype wrapped products
- Training



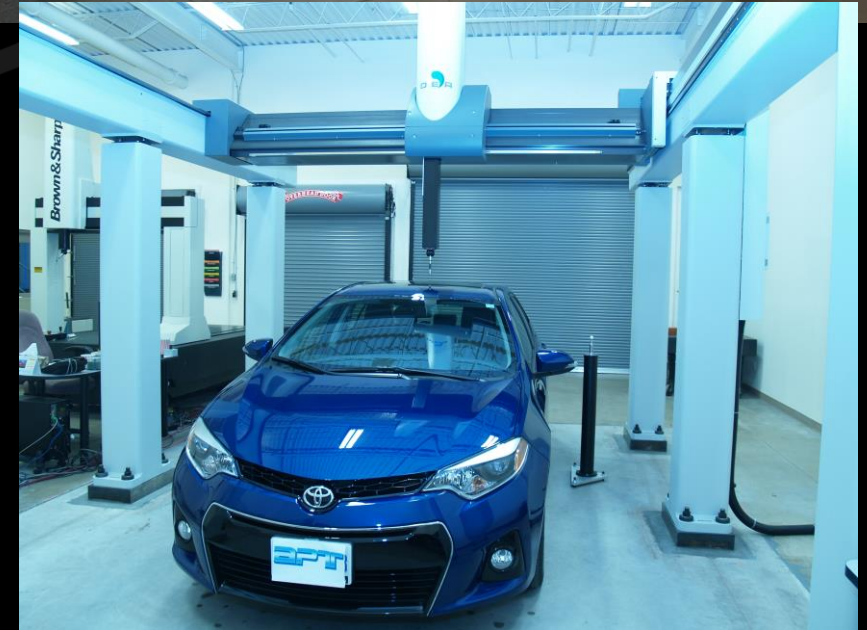
Vision Systems-Inspection Automation

- Turn-Key Vision System
- Passive verification – Non contact
- Ensure quality in manufacturing process:
 - Component confirmation
 - Dimensions and Alignment
 - Color and Placement confirmation
 - Part Assembly Verification
 - Traceability to error proof assembly
- Flexibility



Quality & Lab Services

- Part Layouts
- On-site programming (Polyworks and PCDMIS)
- Custom programming (Polyworks and PCDMIS)
- 3rd Party Measurement of Fixtures or Gauges
- Reverse Engineering
- Portable Scanning
- Gauge Repeatability and Reproducibility
- Verification of design, machining, and assembly
- Size up to 5m x 2.8m x 2m



Other Services

- 5 axis CNC machining up to 2.5m x 2.1m x 1.5m
- 4 axis CNC lathe
- Wire EDM cutting
- Metal Fabrication
- Mig welding – Steel and Aluminum
- Tig Welding – Steel, Stainless and Aluminum
- PLC Programming Services
- Panel Building Services



Accreditation / Certification

- TMMC Approved Supplier
- TEMA Approved Supplier
- FCA Approved Supplier
- Preferred Supplier to Air Canada
- ISO 9001:2008 Certification
- AS9100C
- ISO/IEC17025 Accredited



Contact Us

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