

Our **success** is measured
by our **customer's** success

- By Understanding Our Customer's Objectives
- With Productive and Cost Effective Concepts
- By Becoming Part of Our Customer's Team

Our Customers

- Aerospace, Defense
- Appliance, HVAC, Lawn & Garden, Farming
- Automotive and Auto Parts Suppliers
- Building Products, Office Furniture
- Machinery and Equipment Builders
- Mining Equipment, Construction Equipment
- Off-road Vehicles, Trucks, Trailers, Railcar
- Steel, Aluminum, Alloy Steel/Plate Processors
- Wind Towers/Turbines, Electrical Switchgear



RENAULT

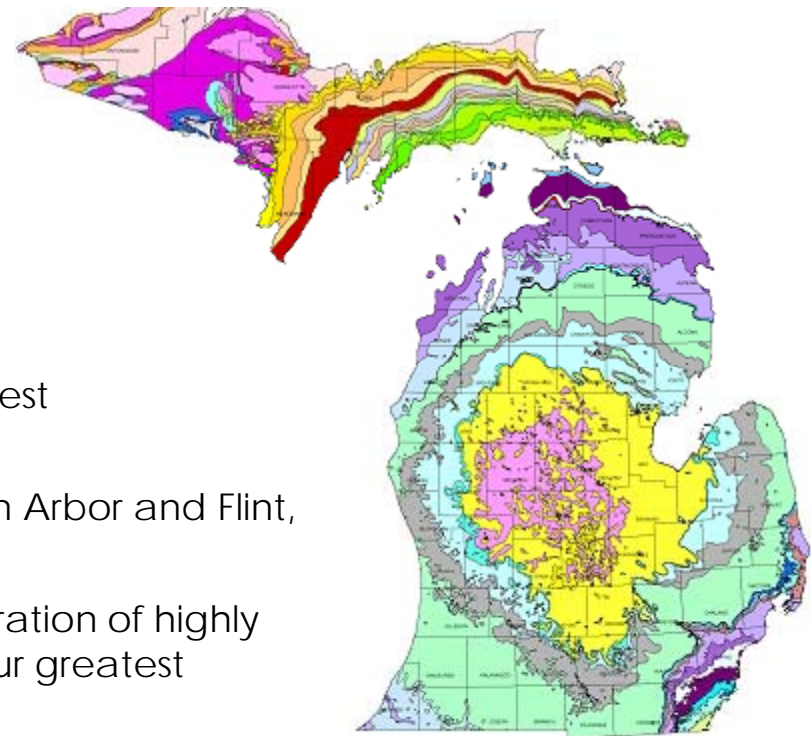
BOMBARDIER





The advantage of our Michigan Headquarters

- Michigan - The Home Of 'Automation Alley'
 - Atlas has unparalleled access to the world's best automation and manufacturing supply chain
- Fenton is strategically located between Detroit, Ann Arbor and Flint, an optimal central location for supplier access.
- Southeast Michigan is home to the largest concentration of highly skilled and technical people, providing Atlas with our greatest resource.....our employees



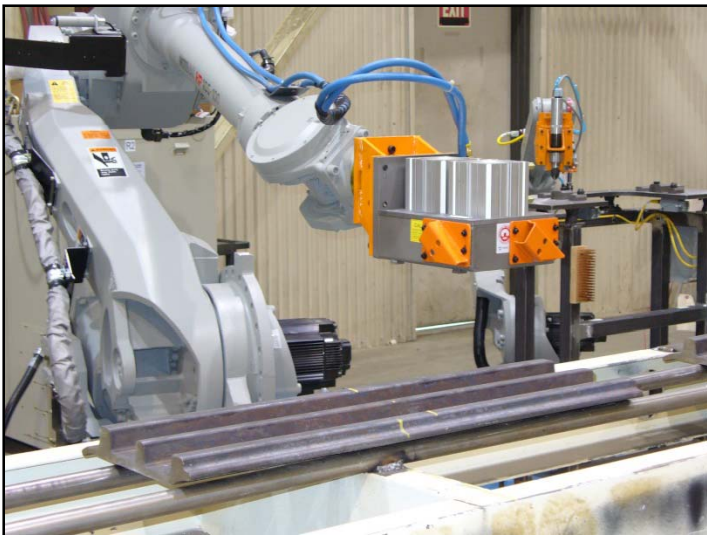
Total in-house capabilities



- Project & Contract Management
- Applications Engineering
- Mechanical Engineering, Design, Detail
- Controls Engineering, Design & Software
- Fabrication (light, medium, heavy)
- Machining (light, medium, heavy)
- Assembly – Mechanical & Controls
- Functional Tryout & Test
- Inspection and Customer Demonstration
- Installation, Start-Up & Training

Our Professionals

Innovation begins with Applications Engineering



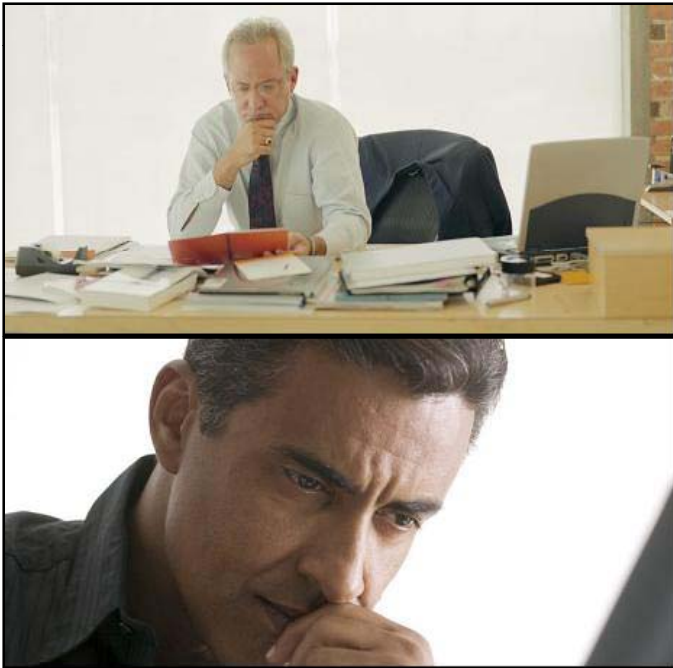
Our Application Engineers are the drivers behind the mutual development of solutions for our customers needs.

Solutions may be tailor-made to fit a particular requirement, or can be based around proven existing products or services. The key is to find the most appropriate ways to help our customers achieve their goals.

We start with a preliminary evaluation of the customers operation and needs, working with the customer to identify a solution that best addresses production requirements. Once a consensus is reached, Atlas Application Engineers provide comprehensive proposals as part of a complete turn-key solution.

Our Professionals

Engineering Studies

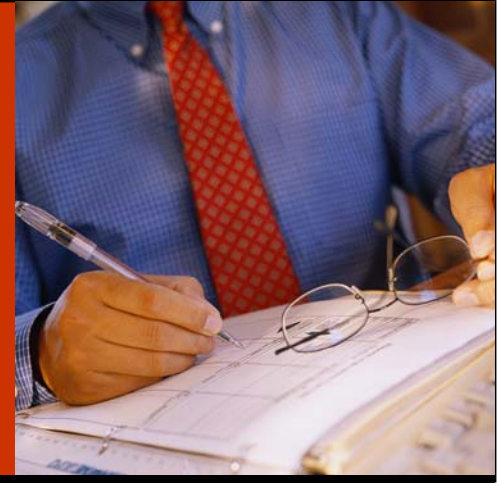


Atlas often works with customers to help define their complex manufacturing problems and potential solutions through engineering studies.

Working hand-in-hand with our customer's engineers, we gather information on the products/processes, current or anticipated problem areas, and potential solutions.

The deliverable? A comprehensive production and capital equipment/tooling plan including layouts, specifications, budgets, schedules, and other information needed to procure and implement the existing process improvement or new production process.

Comprehensive Project Management



- Atlas Project Managers oversee each project from start to finish.
- One point of project contact: improved communication and less hassle for you.
- The Project Manager keeps you informed on the project status through our critical path milestone report and the project tracking schedule, which is also tied into our Visual Manufacturing ERP system.
- Your Project Manager is the team leader for all project phases, including:
 - Conceptual Engineering, Design and Development
 - Mechanical and Controls Hardware and Software Design and Development
 - Procurement, Manufacturing, Assembly, Test, Shipment
 - Installation & Start-Up, Training, Launch Support



Every Customer

Every Project

Period.

Talking about quality processes is one thing, standing behind them is where you will find Atlas.

We understand that excellent technical skills are not the goal, they are the price of doing business.

We will design, build and integrate a solution that will achieve your goals.

Our engineering documents will be accurate and complete.

Our manufacturing and assembly will be precise and durable.

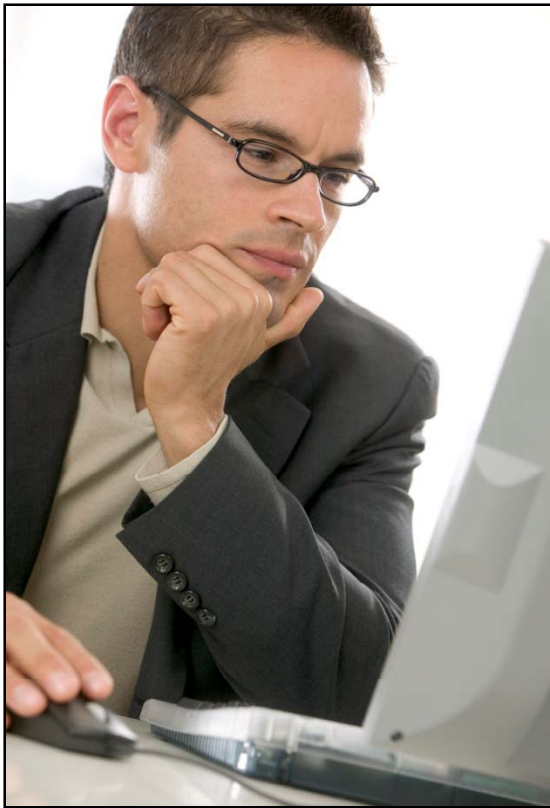
Our finished product will exceed your expectations.

Atlas is focused on you and your Project.

We work with you to understand your problems, we work with you to implement your solutions, project by project, program by program.

We help you accomplish your objectives by clearly defining them to everyone involved, developing a comprehensive project plan, implementing the plan against detailed timelines, and tracking/reporting progress on a frequent basis.

Mechanical Engineering



Mechanical Engineering

The equipment engineering, simulation, design and development process has defined milestones with 0%, 20%, 50% and 100% project review meetings during engineering.

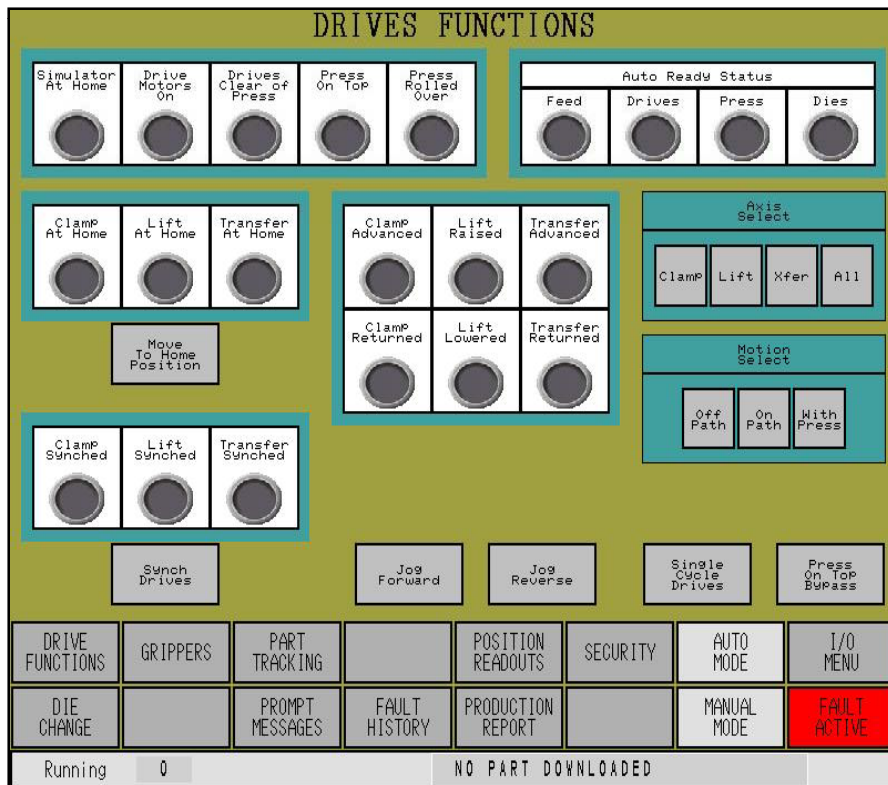
Customer reviews include an initial kickoff meeting, a site review, and all required engineering and planning meetings. After the 50% point the mechanical assembly drawings are reviewed and approved.

At 100% completion, all designs are detailed and checked for accuracy, completeness and standards.

Purchased components are then ordered and drawings are released to manufacturing and planning.

Atlas uses AutoCAD & Solid Edge 3-D solid mechanical design and can translate data from other systems.

Controls Engineering



Controls Engineering

Atlas Controls Engineers are fluent with all types of industrial controls including:

- PLC and PC based systems
- High performance motion control
- Communications/fieldbus networks
- Advanced PC HMI applications including touchscreen interface, part recipe management, fault diagnostics, remote interface, and data logging and reporting.

Available control platforms include Rockwell, Siemens, Square D, Beckhoff, Indramat, Mitsubishi, Ormec/Yaskawa, and others.

Controls engineering hardware and software designs are reviewed internally and externally at various milestones during the project.

The Atlas Quality Process



To ensure our customers receive the highest quality products and services, Atlas follows a very strict and documented quality process.

Atlas Quality Certifications Include:

- Registered International ISO 9001: 2000
- Registered ISO 14001 Environmental
- Michigan Clean Corporate Citizen

Building our customers the best **Solution**

Atlas will design and build a solution that specifically achieves *your* goals to include:

- Providing you with the best automation equipment on the market
- Working with the machinery, equipment, tooling, robot and/or controls suppliers of your preference
- Performing estimated cycle times and human/robot reach studies
- Backing our equipment with 24-7-365 rapid response service support
- Equipping electrical controls with remote monitoring and service capability through an internet support line connectivity
- Providing seamless communications between the production machines/tools and the automation for maximum system safety, reliability, flexibility and performance

Our Products



- **Sheet Metal Stamping and Fabricating Handling Automation Equipment**
 - Stackers, Stack Turnovers, Destackers, Washers, Oilers, Press Transfers, Robotic Press Tending and Rack Loading and Unloading
- **Stamping Press Die Handling Equipment**
 - Quick Die Change, Die Storage and Retrieval, Die Transfer Carts
- **Vehicle Body Shop, Assembly & Powertrain Handling Automation**
 - Conveyors, Carts, TGVs, Overhead Transfers, AS-RS
- **Special Automation & Systems Integration**
 - Special design handling automation, fixtures, tooling, machines, heavy fabrication equipment, transfers, plate handling, positioners, assembly
 - Integrated custom manufacturing cells and systems
- **Automated Parking Systems**
 - Vertical Lift/Shuttle/Dolly or Traveling Retrievers