

The Ultimate in Quality & Innovation

Over 25 years of experience working with manufacturing facilities to achieve high performance targets, flexibility, increased margins and reduction in energy consumption to improve the overall manufacturing performance.

At UMS Industries, we believe in technological advancement, long-term relationships and extensive knowledge about smart manufacturing.



- Serving the automotive industry with application engineering, turnkey machining, fabrication and build, automation, and tools for all types of assemblies.
- Engineering Solutions.
- Project Management.
- Painting Applications
- Business approach : Continuous improvement and teamwork.
- Highest industrial standards for quality, technology, value and services.
- UMS Industries has outlined the Global Optimized Organization Grid (GOOD) that includes the ability to manufacture, service, support our commitments at locations around the globe.

Automation Division:

Experienced in developing and implementing fully automated flex cells with interchangeable plates, manual workstations & tabletop poke yoke fixtures. For all your pre-production needs we can make customized tooling, components, workstations and assembly lines.

Benefits of Working with UMS:

Training and plant integration.
Efficient part flow & streamlined manufacturing process.
To keep up with increasing production volumes and to maximize ROI.
Eliminate human errors which result in poor quality and inconsistency.
For real time production data and for connecting CMS results to deliver better OEE.

Operationally:

In house design, manufacturing and Testing facility.
Machine & “turnkey solution” provider.
Full engineering capability (mechanical / electrical, controls & simulation engineering).
Adaptable to building and designing as per customer requirements.

Financially:

Cost efficient with a positive financial track record.
Strong relationship with our financial partners.

Customer Support:

High level of expertise in project management.
Full engineering support from product to equipment design and build. On-site engineering support.

- You place your trust in us: We give a firm commitment.

For all your projects, UMS Industries service undertakes for:

- Guarantee the performance of your installations.

Study and report the availability rate of your production facility by:

- Reducing servicing times.
- Improving actual reliability all minimize the number of production shutdowns.
- Spare parts management: controlling consumption in transparent mode, securing productivity increases all optimize the financial aspect of your maintenance contracts.
- We will exceed all your expectations!

- UMS supplies reliable and maintainable equipment and/or services that meet or exceed our customer requirements, with emphasis placed on quality and on time delivery.

- Top management, employees and supply chain commitment to a continuous quality improvement philosophy, that is focused on open communication and customer satisfaction.

- Our quality objectives and measurables are the foundation and benchmark for continuous improvement.

- To become an excellent provider of systems and components for the automotive, aerospace, new power generation & other industries.
- Serving our customers with innovative solution. Providing cost efficient “second to none” production systems and products.
- We will continue to focus on improvements to assist our customer to become more competitive.
- Continuous growth with our customers, suppliers and financial partners.
- Standing strong with our commitment for on time delivery and quality.

- Integration
 - Welding and Fabricating
 - Machining & Machine Tool
 - Assembly Automation
 - Engineering solutions
 - Body-in-White
 - Retool
 - Transfer Automation
 - Robotic Technology
 - Metal Forming
 - PFMEA Development Proactive
 - Value Added Analysis - Lowest Capital Investment
 - Process Development - Idea Generation
 - Logistics
 - Quick Turn-key Solutions
- Error proofing technology
 - Cross border convenience.
 - Simultaneous engineering study, design, manufacture
 - Installation and maintenance
 - Equipped with a complete range of machinery and ample
 - Floor space to suit customer needs
 - On-Site Support
- Ultrasonic Punching & Welding Machines, Sonic/Hot Plate/ Spin Welding
 - Wet- Out Machine, Dispensing, Finishing, Bonding & Adhesive Apply Systems, De- gate System
 - Palletized Automation, Bowl Feeder
 - Screws, Clip /Nuts/ Fastener / Rivet Install
 - Leak Test Station, Validation / End-of-Line Test Systems, Vision System
 - Flexible Tooling Cartridges & Base Machines
 - Punch Die & Presses, Ultrasonic Fascia Hole punching
 - Robots Integration, Rotary Transfer
 - Index Machines, Boring, Pallet Transfer
 - System , Vertical Cooling System
 - Material handling & Removal
 - Quality Inspection, Painting

CERTIFICATION:

Quality Assurance - ISO 9001/2015

Third Party Inspection (P.ENG)

ESA (Electrical Safety Authority)

Customer Assembly machine standards

CWB Certified

Canada Controlled Goods/ITAR Compliant

CAMSC/NMSDC Certified

MBE/WBE Certified

**The North American Industry
Classification System Codes**

541511 - Programming, Robotics, Automation
software design / development services

238210 - Electrical, Wiring Installation

Contractors, Building automation system

541512 - Computer Systems Design Services

541330 - Engineering Services

3559/ 3569 - Industry Machinery, Robots,
plastics: for molding and forming

Software Capabilities

- Design Capabilities: SolidWorks (3D Cad models & Drawings)
- Software Capabilities: Siemens, Allen Bradley, Omron & Robot Programming

Core Capabilities

- HMI/ PLC/Robot Programming, Factory Automation, RFID & SCADA
- Project Management, Mechanical Design & Electrical Design
- Fabrication, Machining, Panel Build, Controls & Mechanical Assembly
- Controls Programming, , Service Manuals, Assembly & Sub-Assembly
- Custom design, build to spec
- Design, build, commissioning, troubleshooting, Validation and Run-off support & Training
- Machine & plant integration

Roberto Garcia, COO Chief Operating Officer, Cell: +1- 519- 257- 9906, rgarcia@ums-industries.com

- 30 years of Industrial Engineering, Automotive expertise, and Project Management.
- Operations and Plant Management.

Safraz Rahaman, Operations Manager, Cell: +1- 519-996-4244, srahaman@ums-industries.com

- 26 years in automotive in Tooling. Build, design and maintenance.
- Electronic background. Building and servicing digital weigh scales and flow control of granular materials for the food industries.
- Machine builder of automation lines serving automotive for gears transfers automobile transmission.

Harpreet Joshi, Application Engineer, Cell: +1-519-990-6915, hjoshi@ums-industries.com

- 12 years Automotive Industrial experience.
- Building Automated machines for entire programs for Interior / Exterior Automotive parts: Pillars, Facia, Center Console etc. for GM, Ford, Rivian, Stellantis, and Range Rover.

Alex Pallares, Automation and Fabrication Designer, Cell: +1-519-999-1801, apallares@ums-industries.com

- 10 years of designing experience for Automation and Fabrication equipments.
- 12 years of data management, fabrication, designing and cost estimation experience.



Expert teams: Our team includes highly skilled professionals, inhouse designing and engineering department, Programmers, Machine builders and account managers.

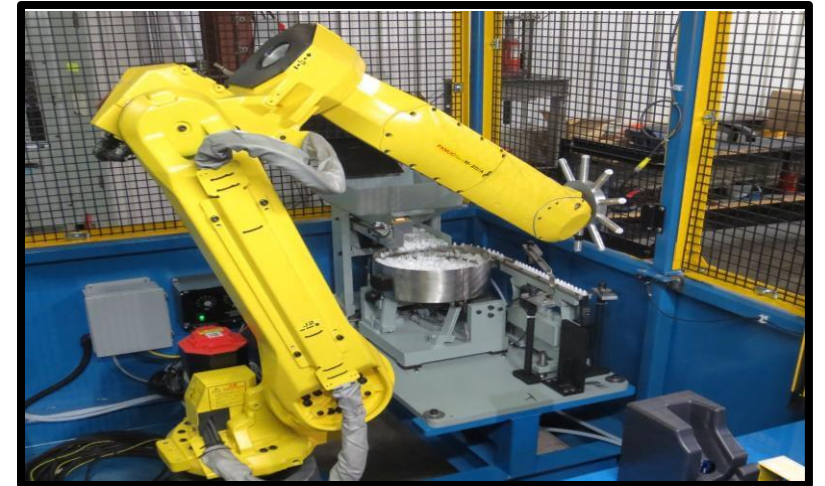
Flange Bender Station



Material Handling Robot



Robotic Clip Install Assembly Line



Roll Beds & Carriers



V6 Dunnage Handling



Dial Table

GM Dunnage System



Avseal & Probe Station



Flange Bend Station



Dowel & Cup Press



Portable Welding Machine



Piston Identification Cell
(with vision)

At UMS, we specialize in automation solutions that de-risk your manufacturing operations for staffing issues or turnover.

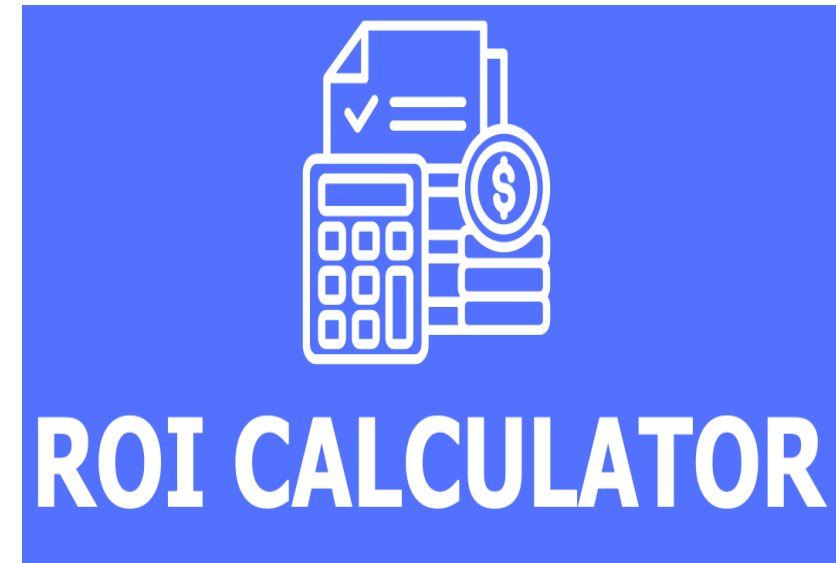
Case in Point:

A recently completed project for a local company was done for Lazer Metals. Lazer Metals always believed that they could never afford the investment in Automation. They are a small shop, making approximately 5M annual revenues from online sales of their ornamental products sold on Amazon. However, as Henry Ford famously said, *"If you need a machine and don't buy it, then you will ultimately find out you have paid for it and don't have it."*

- When Lazer Metals adopted our automated packaging station, they achieved:
- A 25% boost in production efficiency.
- A 30% reduction in quality errors (mislabelling alone costs Lazer 12k annually!).
- Total ROI in just 9 months.

Our ROI calculator can provide a customized estimate of your business's potential savings and efficiency gains.

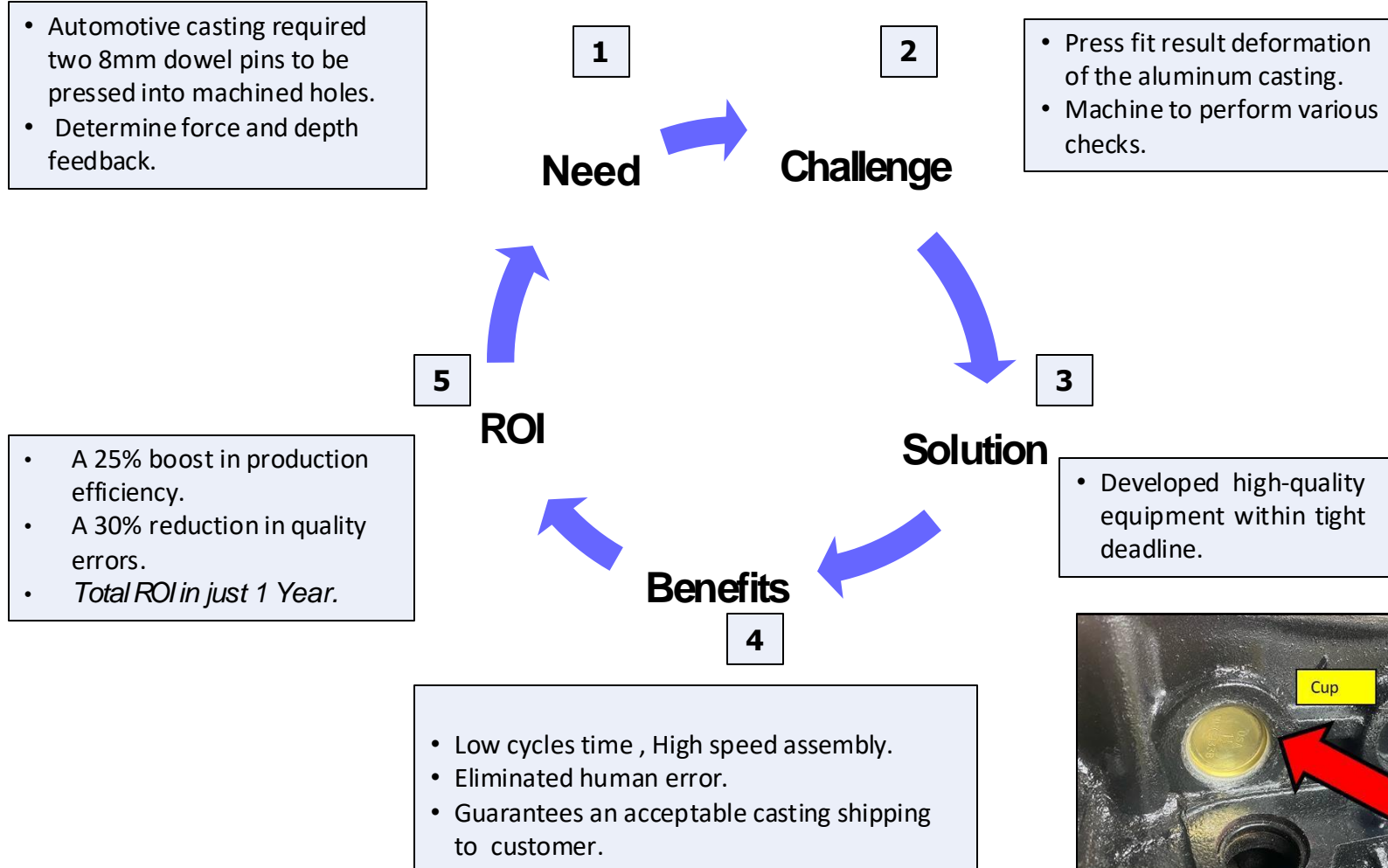
We are looking forward to helping Manufacturing customers achieve its full potential!



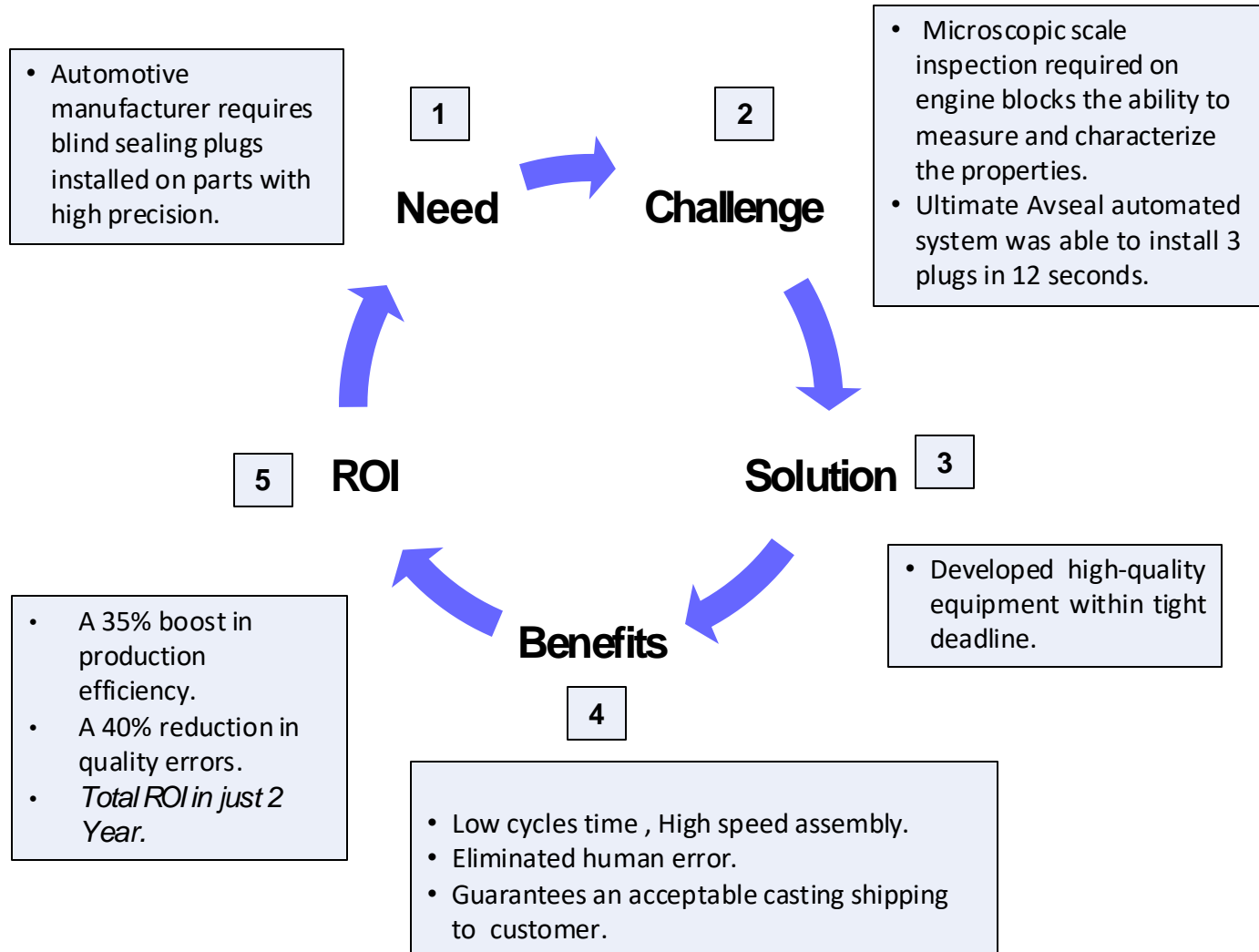
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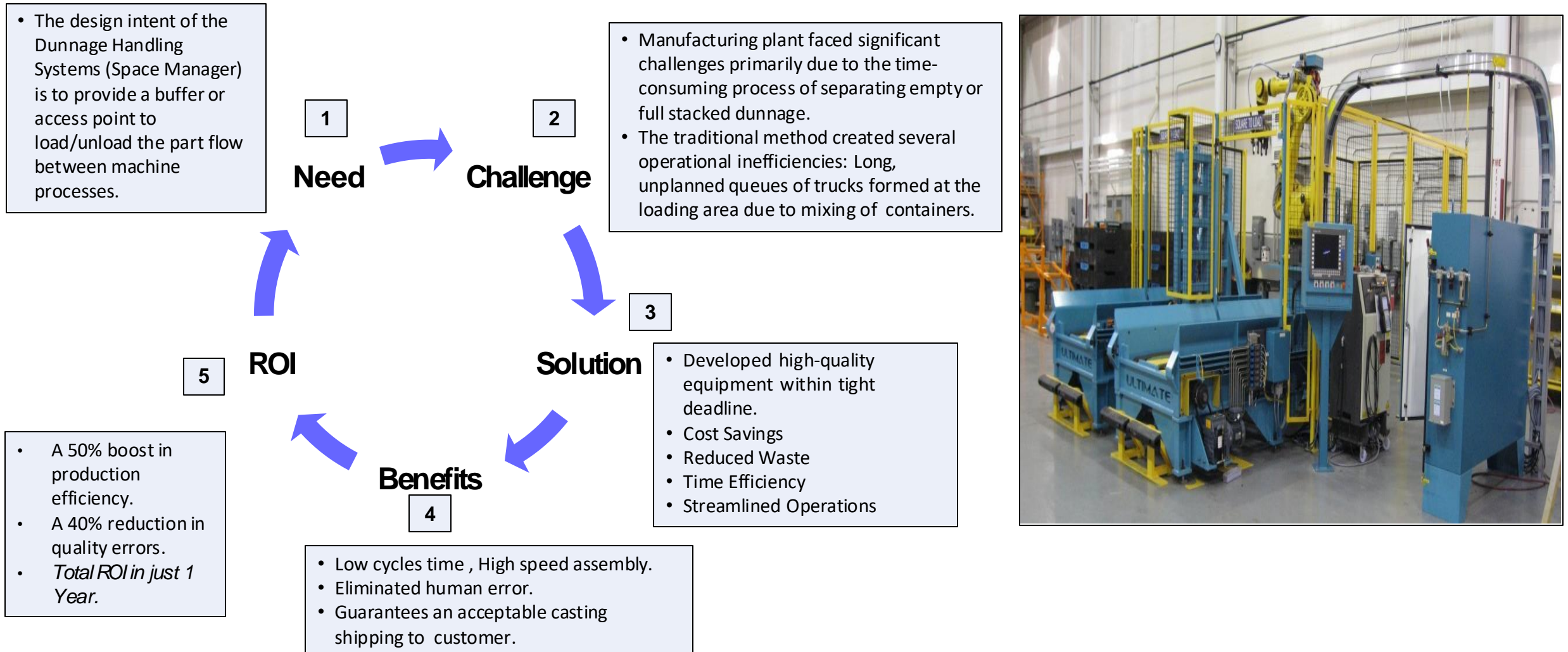
[ROBOTIC ROI CALCULATOR](#)

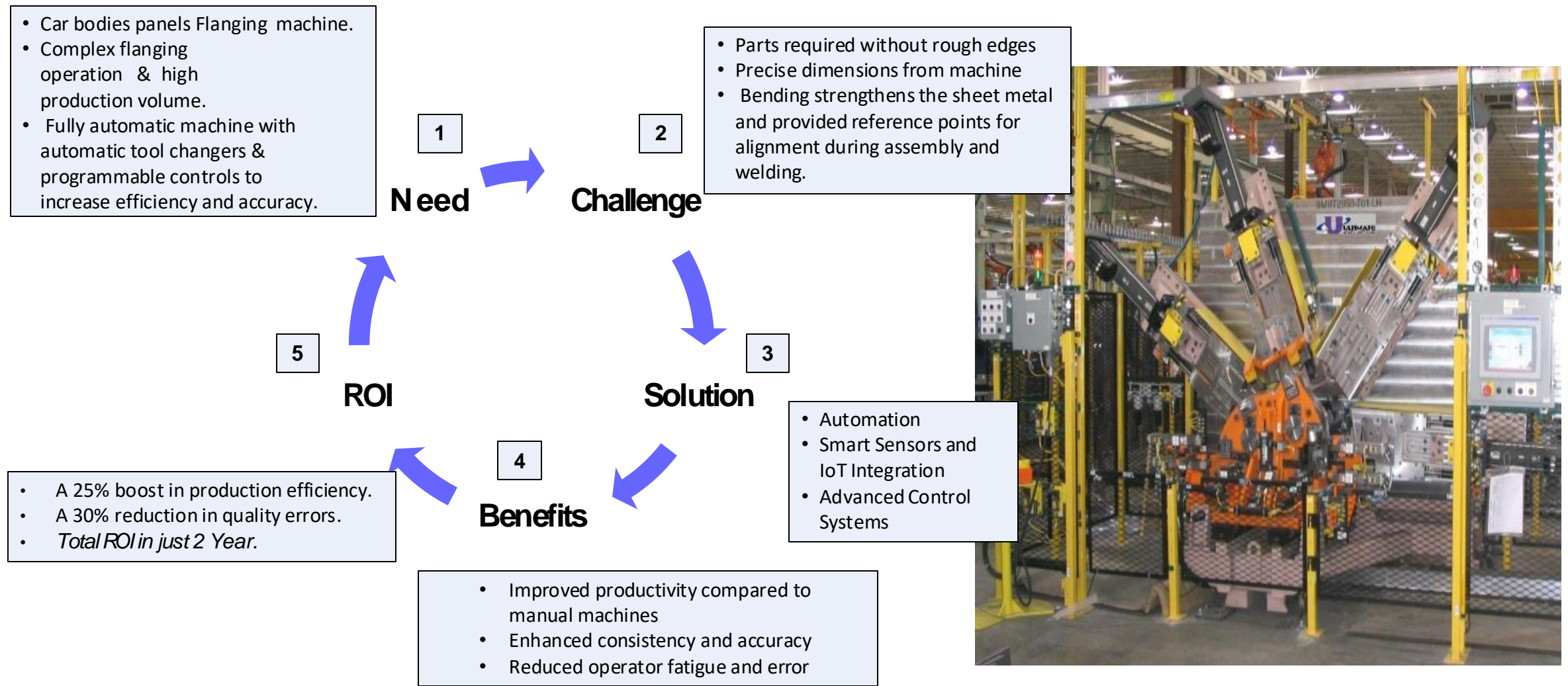


Case Study 2: Avseal Installation & Probe/Inspection Station



Case Study 3: Crank Case Dunnage Handling – GM Powertrain





Industries Serving :

- Aerospace & Agriculture
- Automotive
- Consumer Goods & Construction
- Electronics, Food & Beverages
- Metals & Manufacturing
- Medical, Textile & Packaging

Fabrication Applications :

- Custom Fabrication
- Carbon Steel & Stainless Steel
- Aluminum
- Machining & Custom Finishing
- Welding: Tig, Mig, Arc & Fusion
- Quality Inspection
- Assembly & Sub- Assembly
- Custom Design & Build To Spec

Design Capabilities : SolidWorks (3D Cad modeling & Drawings)

Testing And Quality Measures In Place For :

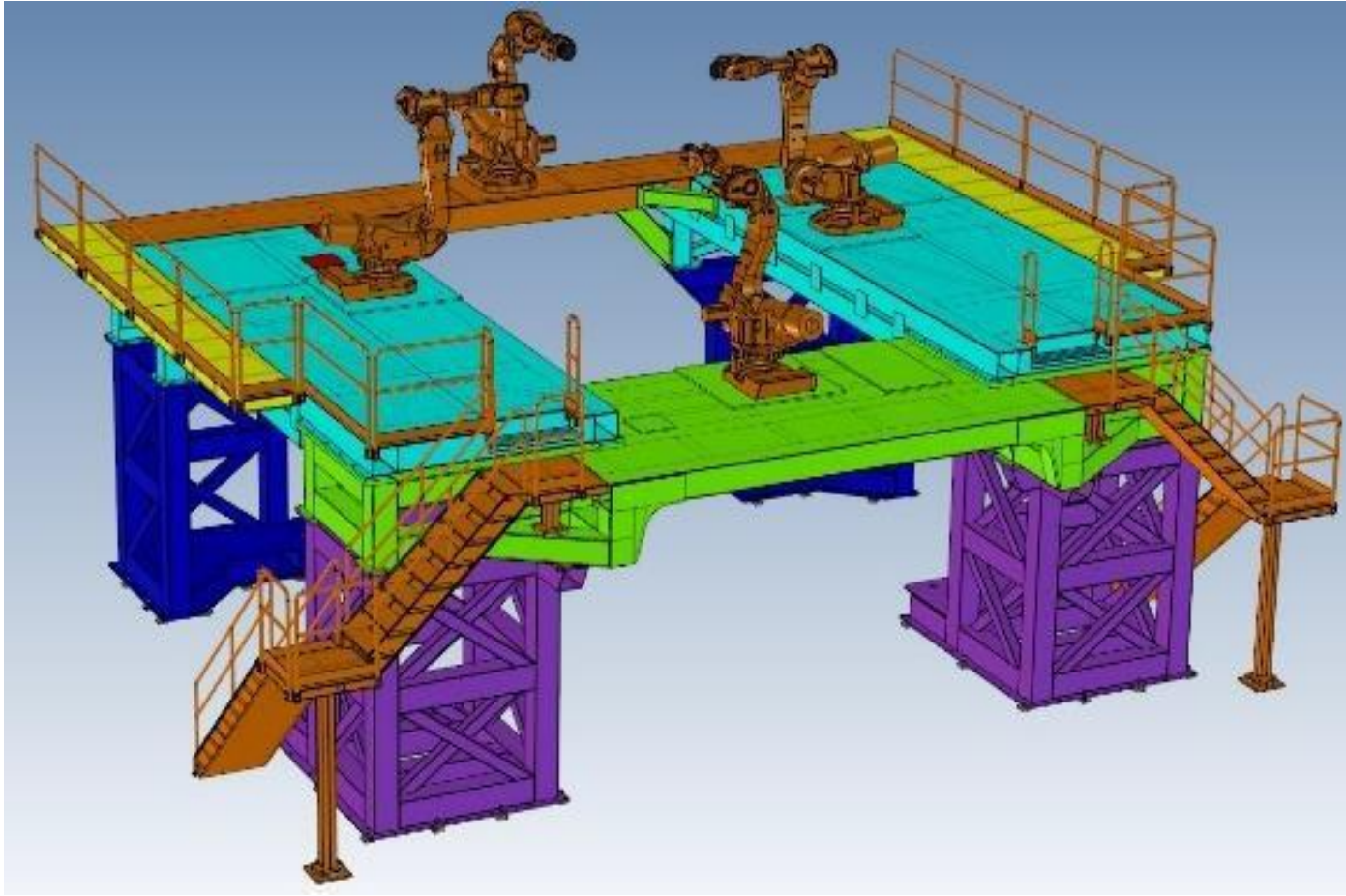
- - Fitting, Welding, Blasting, Flatness, Assembly & Paint Inspection

Manpower :

- Industrial Designers, Electricians, Painters & Welders

Machining Capabilities :

- MIG & TIG Welding Equipment
- Plasma Cutter, Bandsaw, Lathe & Surface Grinder
- Oversize Paint Booth



Robot Assembly Line Platforms



Automotive Carriers



Assembly Line Modular Structures



Part Conveyance



Specialty Carriers



Stainless Steel Carriers/Racks



Heat Treatable Painted
Carbon Racks



Large Workhold Fixtures



Racks & Frames





Robotic Assembly Line Platforms





Riser/Base Molding Station



Pallet Fabrication/Build



Elevator





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Thank you for your
time and future
considerations