



A Division of Pasco Systems Corp

**AUTOMATION
SOLUTIONS**

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WHO IS VERSATECH?

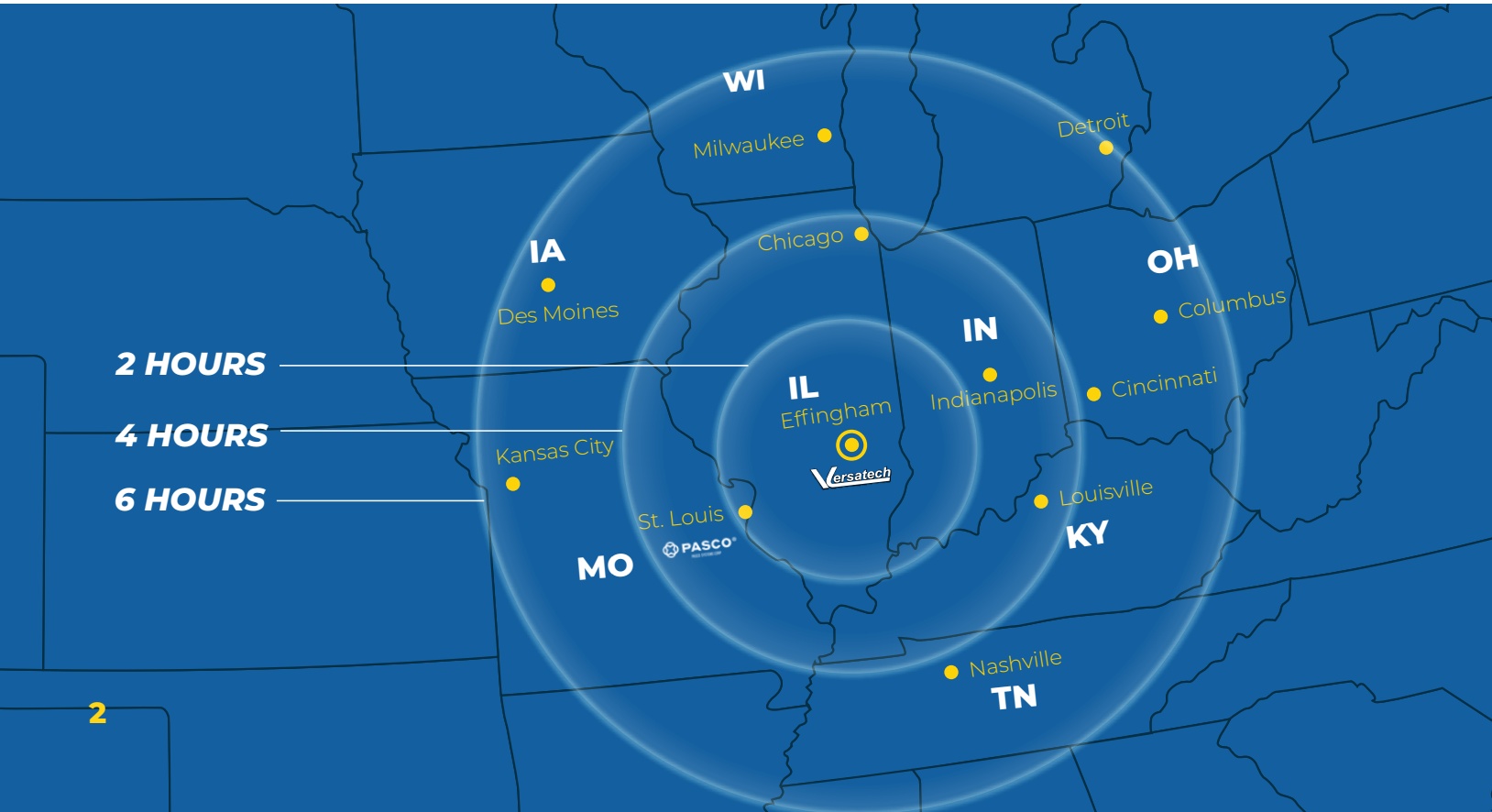
Versatech Automation assists manufacturing companies that feel the pain of labor shortages or the lack of engineering resources, have issues with uncontrolled or inefficient processes, or are frustrated with their experiences with other automation vendors.

WHY CHOOSE VERSATECH?

At Versatech Automation, we collaborate with you and your team to analyze your application, design solutions to achieve your goals, and manage the project from concept to completion. Our team of engineers have designed and integrated custom solutions for a variety of industries to solve a diverse set of problems. We have helped hundreds of companies integrate automation into their operations. Our experience and expertise help minimize the risk of automating your processes. If you are experiencing manufacturing problems, let us help you identify and implement the right solutions.

Versatech's preferred supplier status is the result of not only the hard work and expertise of its entire team, but also its established internal quality, safety and lean manufacturing practices. We are proud to be a vetted and preferred supplier and partner to more than 100 businesses in more than 20 industries. We serve customers in industries with some of the most stringent quality standards in the world and customers with Fortune 100 vendor qualification criteria.

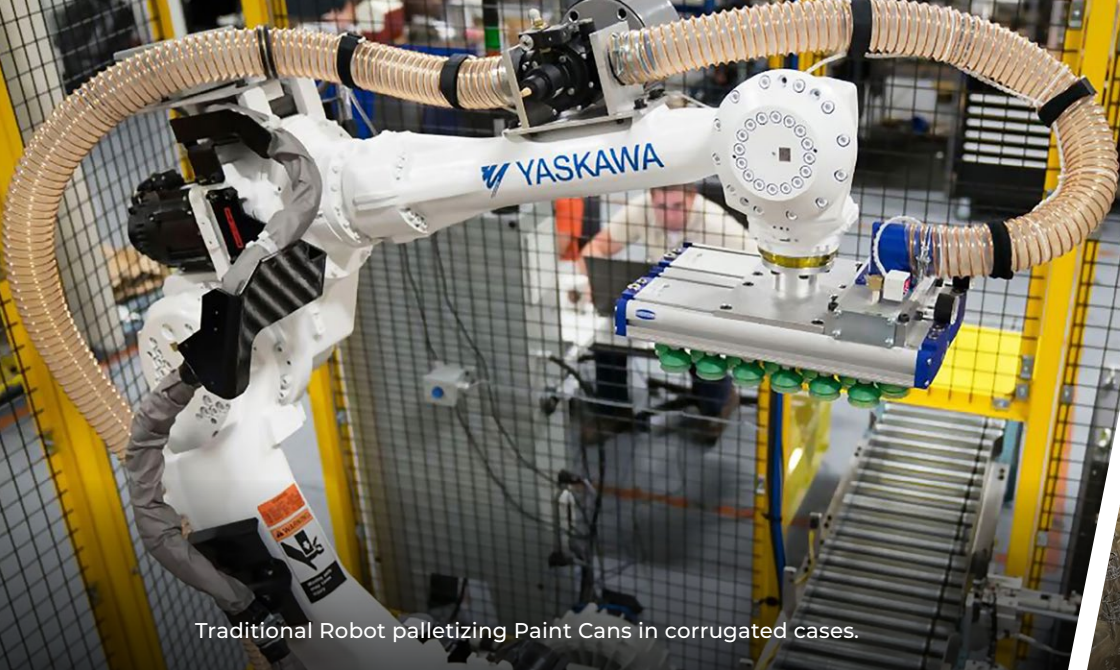
INTEGRATION PARTNERS



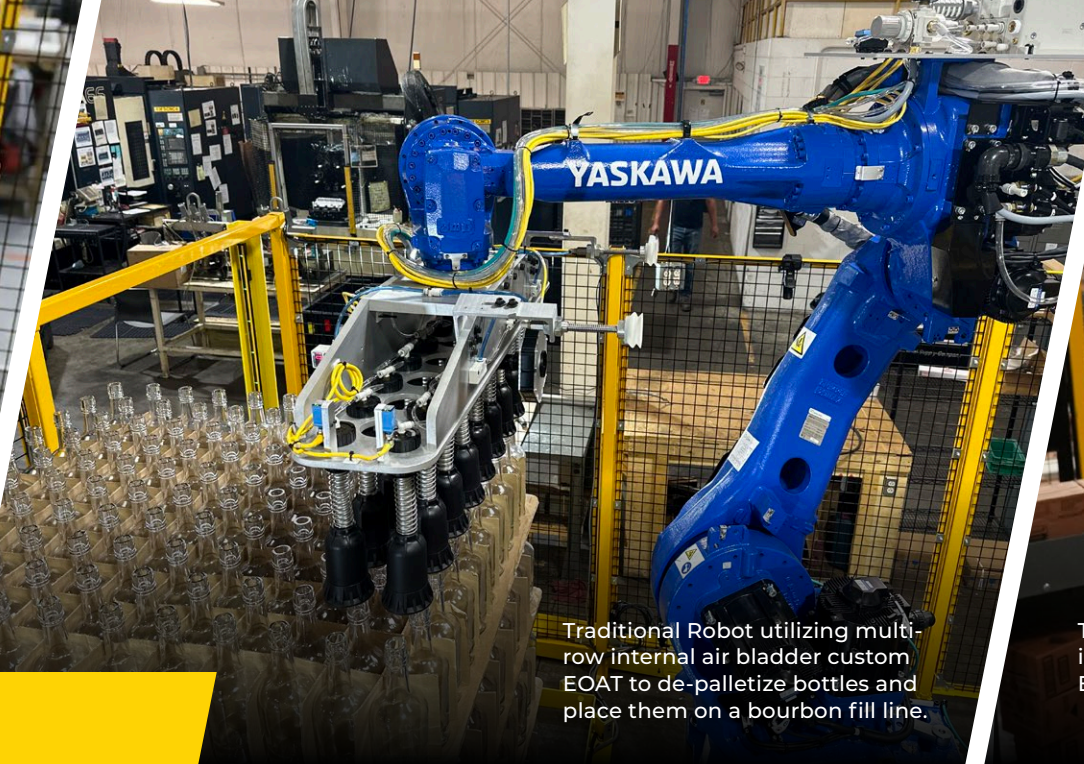
IN-HOUSE CAPABILITIES

- Design
 - Mechanical
 - Electrical
 - Programming
- Machine Shop
- Fabrication / Welding Shop
- Powder Coating
- Panel Building
- Lifecycle Service & Parts





Traditional Robot palletizing Paint Cans in corrugated cases.



Traditional Robot utilizing multi-row internal air bladder custom EOAT to de-palletize bottles and place them on a bourbon fill line.



Traditional Robot palletizing aerosol cans in cases – incorporated case orientation conveyor, multi-zone EOAT, & integrated pallet dispenser with pallet conveyor.



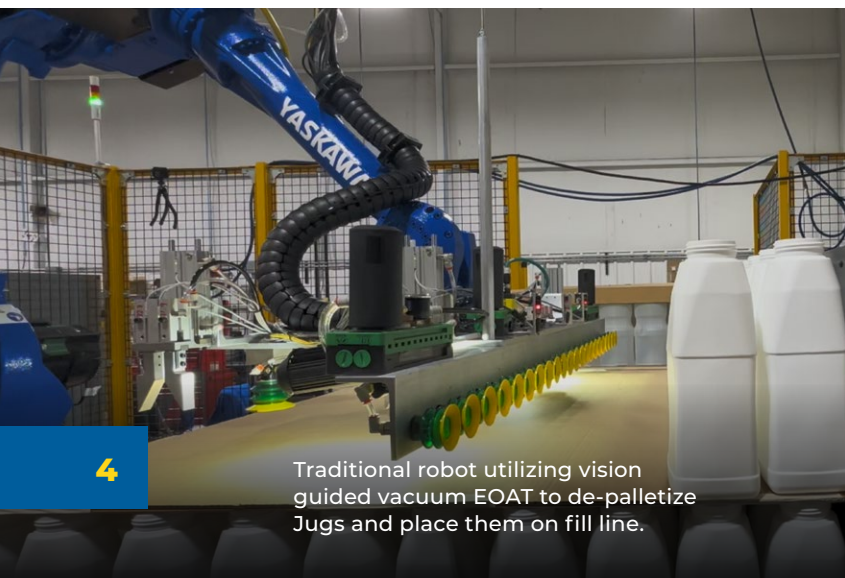
PALLETIZING & DE-PALLETIZING

APPLICATIONS

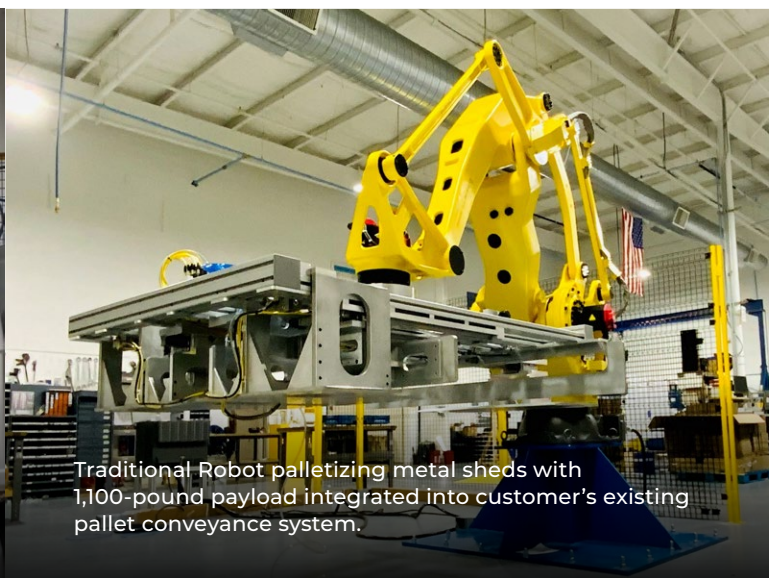
- Boxes / Cases
- Bags
- Pails / Buckets
- Drums / Barrels
- Totes / Returnable Dunnage
- Bottles / Jugs
- Variety of other packaging formats

FEATURES

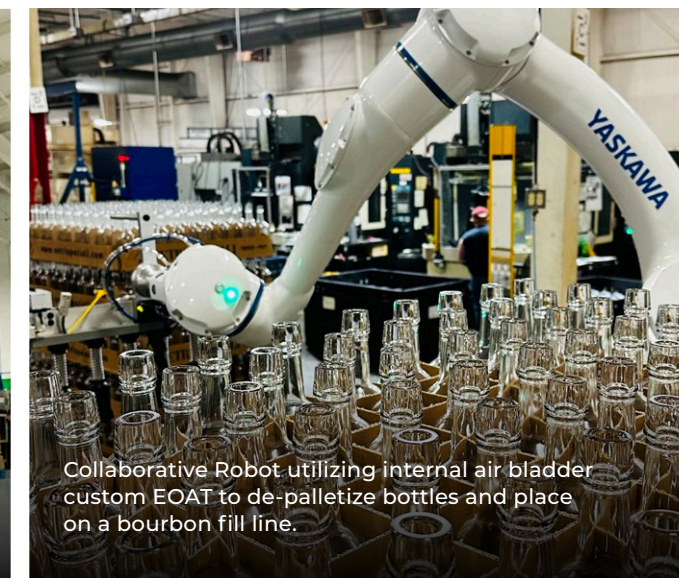
- Traditional or Collaborative Robotics
- Fixtured & un-fixtured conveyor integration
- 2D & 3D Bin Picking
- Custom EOAT
- Automatic EOAT changer
- Slip sheet placement
- Pallet dispensing
- Pallet conveyor integration
- Integration into existing operations



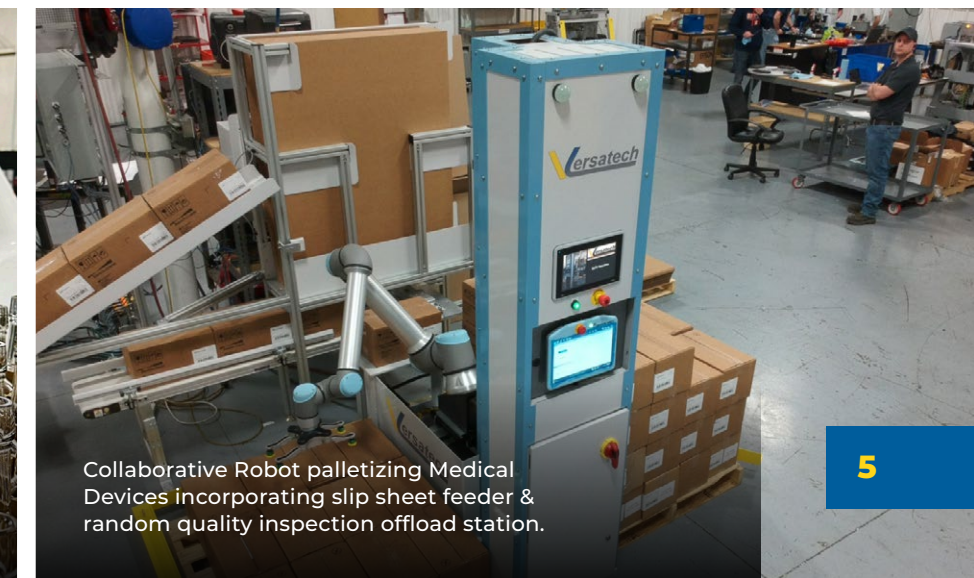
Traditional robot utilizing vision guided vacuum EOAT to de-palletize Jugs and place them on fill line.



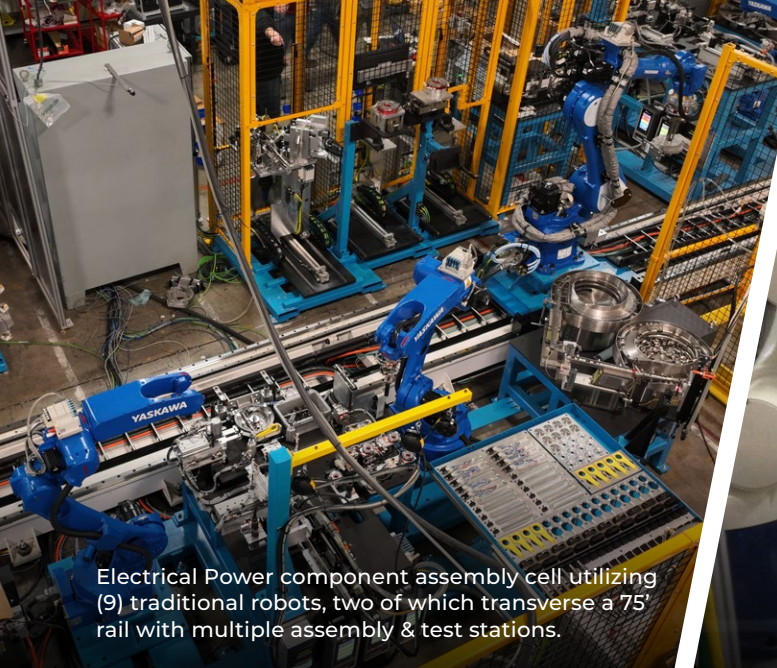
Traditional Robot palletizing metal sheds with 1,100-pound payload integrated into customer's existing pallet conveyance system.



Collaborative Robot utilizing internal air bladder custom EOAT to de-palletize bottles and place on a bourbon fill line.



Collaborative Robot palletizing Medical Devices incorporating slip sheet feeder & random quality inspection offload station.



Electrical Power component assembly cell utilizing (9) traditional robots, two of which transverse a 75' rail with multiple assembly & test stations.



Door Handle Assembly Line – Precision indexing conveyor, robotic greasing, auto-screwdriving with parameter monitoring & vision inspection.



Electrical Insulator Assembly Cell – traditional robot utilizing vision picking of randomly placed components as well as bowl feeding.



Transmission assembly line – modular robotic assembly station with parameter monitoring.



ASSEMBLY & TEST

APPLICATIONS

- Riveting
- Auto Screwdriving
- Torque, revolution, and distance monitoring
- Welding
- Press Assembly
- Grease, Glue, Sealant Dispensing
- Inspection
- Lifecycle & Durability Testing

FEATURES

- Automated Vision Inspection
- 2D & 3D Bin Picking
- Traditional or Collaborative Robotics
- Fixtured & un-fixtured conveyor integration
- Integration into existing operations
- Parameter monitoring
 - Vacuum
 - Pressure
 - Distance
 - Torque
 - Orientation
 - Presence / no-presence
 - Speed
 - A variety of other parameters



Automated Vision Inspection

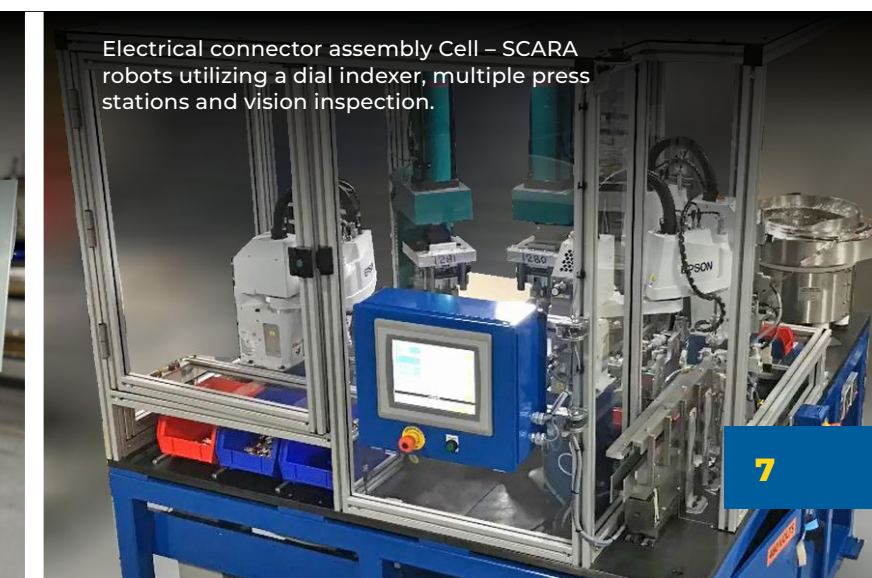
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Transmission Component assembly Cell – SCARA robots utilizing a dial indexer with laser and vision inspection stations

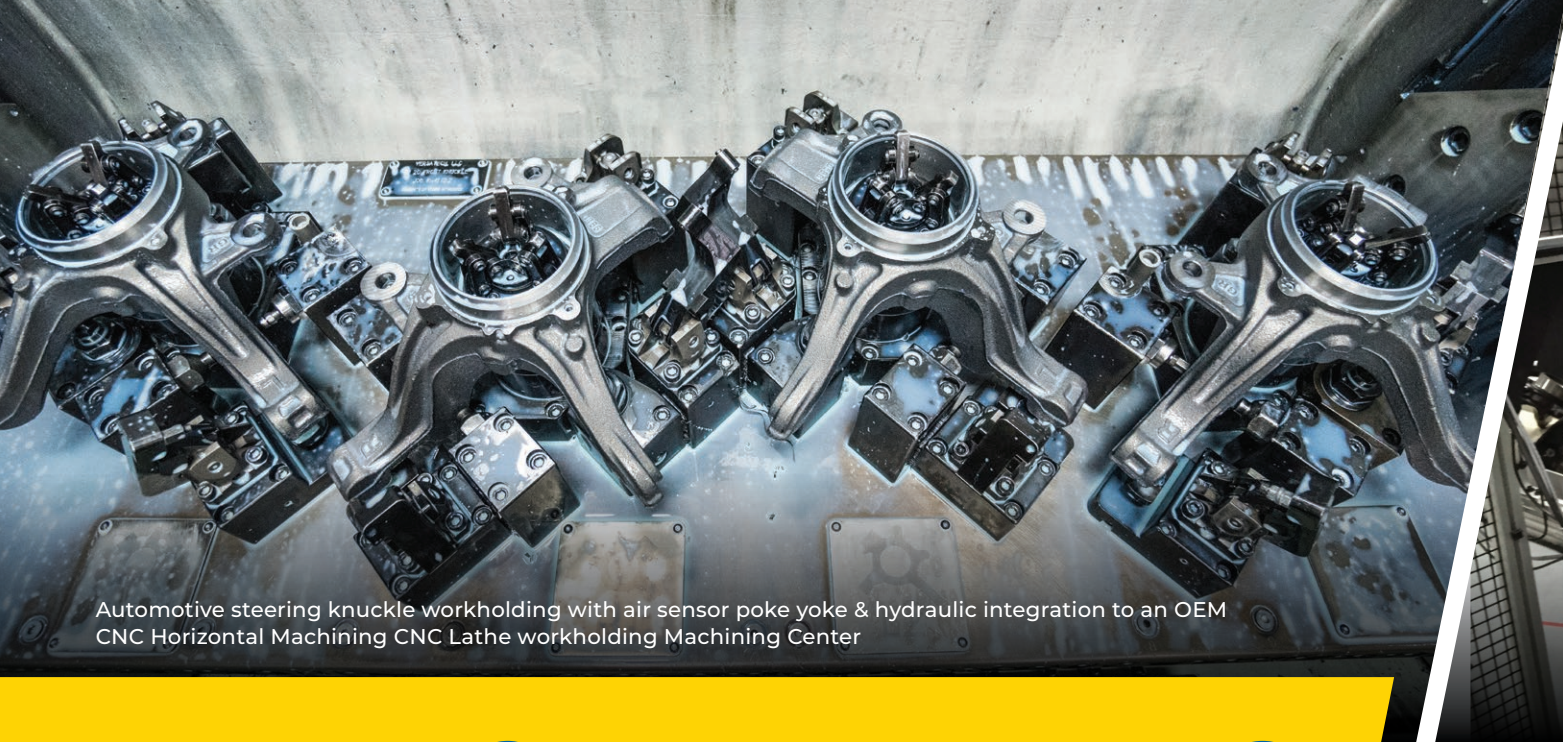


Material Saw & Rivet Assembly Machine

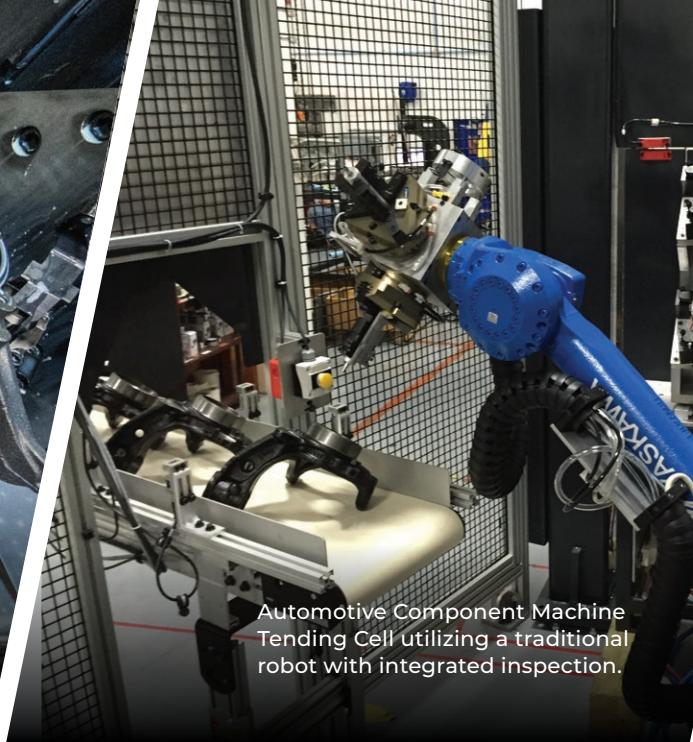


Electrical connector assembly Cell – SCARA robots utilizing a dial indexer, multiple press stations and vision inspection.

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Automotive steering knuckle workholding with air sensor poke yoke & hydraulic integration to an OEM CNC Horizontal Machining CNC Lathe workholding Machining Center



Automotive Component Machine Tending Cell utilizing a traditional robot with integrated inspection.



Machine Tending utilizing a traditional robot with a drawer system



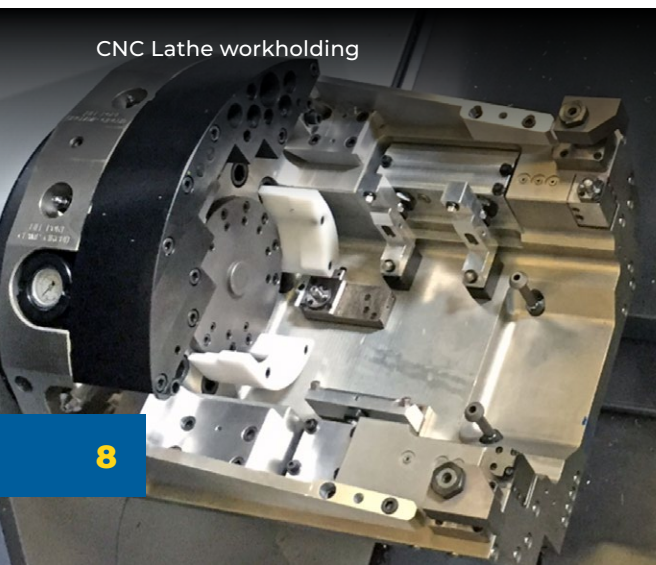
MACHINE TENDING & WORKHOLDING

APPLICATIONS

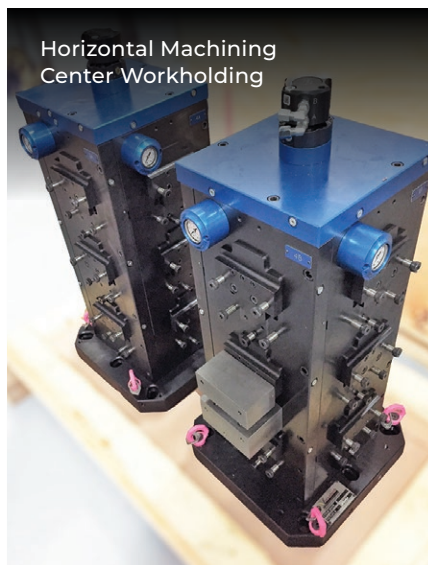
- CNC Machining Centers, Lathes, Grinders
- Molding
- Extrusion
- Welding
- Most manufacturing processes

FEATURES

- Traditional or Collaborative Robotics
- 2D & 3D Bin Picking
- Fixtured and un-fixtured conveyor integration
- Secondary process integration
 - Assembly
 - Greasing
 - Washing
 - Painting
 - Packaging
 - Palletizing



CNC Lathe workholding



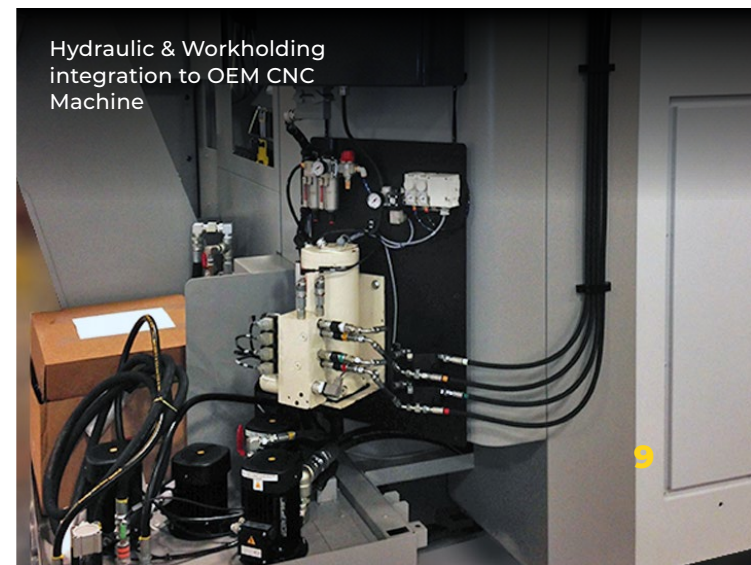
Horizontal Machining Center Workholding



Horizontal Machining Center workholding & Hydraulic Integration



Automotive Component Machine Tending Cell utilizing a traditional robot with integrated inspection & automatic compensation.



Hydraulic & Workholding integration to OEM CNC Machine

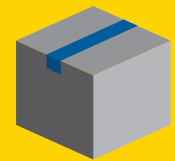


Large format box erecting cell utilizing a traditional robot

High speed vision inspection & servo-controlled muffin packaging machine

Construction material packaging cell utilizing a traditional robot

Conduit bundling, strapping and cart loading cell utilizing a traditional robot.



PACKAGING & MATERIAL HANDLING

APPLICATIONS

- Bagging
- Case loading
- Custom box erection
- Conveyor systems
- Orientation & movement of a variety of materials

FEATURES

- Automated Vision Inspection
- Traditional or Collaborative Robotics
- Fixtured & un-fixtured conveyor integration
- 2D & 3D Bin Picking
- Automatic bagging
- Automatic strapping
- Integration into existing operations

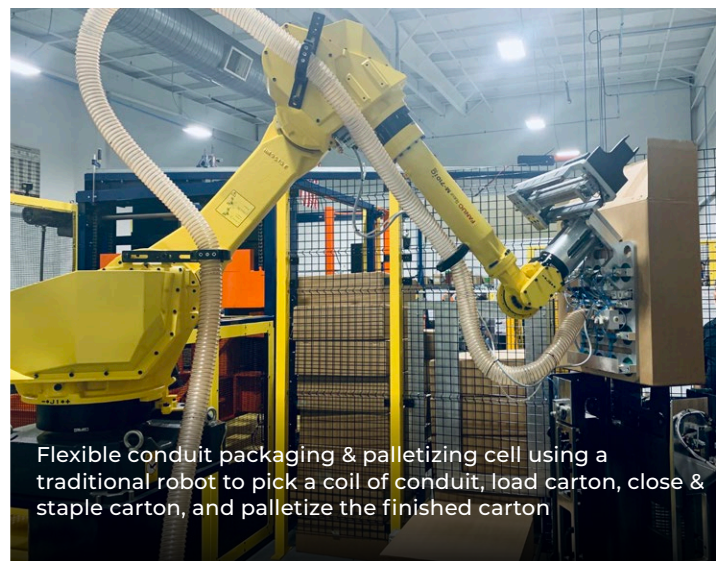


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Vibratory flex feeder with vision guided picking to orient and place ag fittings



Construction material packaging cell utilizing a traditional robot



Flexible conduit packaging & palletizing cell using a traditional robot to pick a coil of conduit, load carton, close & staple carton, and palletize the finished carton



Injection mold pre-heat a storage solution

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for more information or to apply online

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