

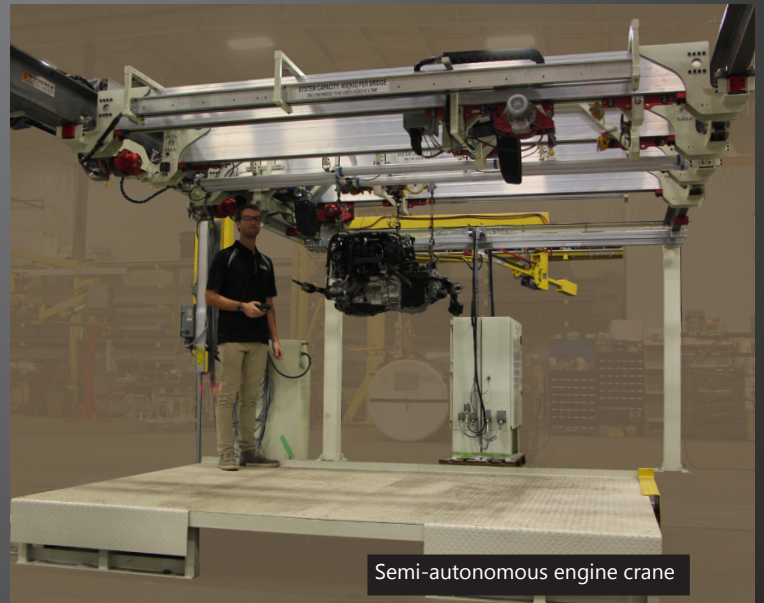


Over-under conveyors for engines

# Machinery and Automation



Fixture for truck bodies



Semi-autonomous engine crane

Manufactured  
in United States  
and Canada

**GIVENS**  
MACHINE SYSTEMS INC

London, Ontario

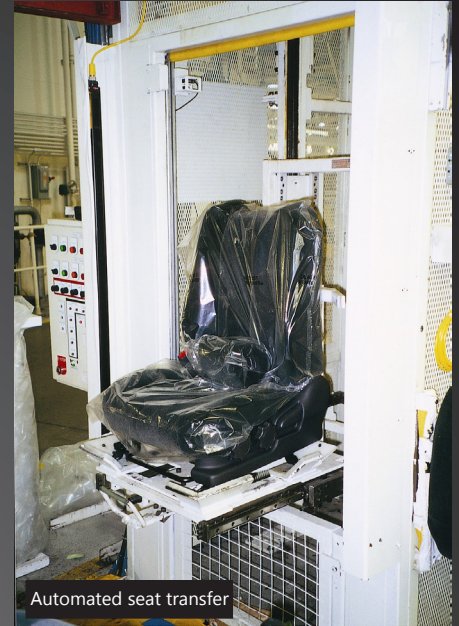
**GIVENS**  
AUTOMATION & MACHINE

Perrysburg, Ohio



# Automated Machinery

We provide integrated production systems and one-off automated machines. Control panels, PLC programming, wiring, mechanical design, fabrication, painting and installation are all handled in-house. Ensuring top quality and consistent equipment performance is our main priority, from project conception to completion.



- Automated overhead cranes
- Material handling systems
- Dynamic racking
- Torque systems
- Lift platforms
- Inspection systems
- AGV dollies, carts & gates
- Fixtures
- Robot EOAT
- Panel building

519-453-9008  
[www.givensmachine.com](http://www.givensmachine.com)



# Carts & Lift Platforms



We offer customized lift platforms that can be used for a variety of different applications including:

- Lifting platforms for people
- Mobile platforms
- Static platforms
- Material platforms

Platforms can be static or powered up & down via pneumatics, hydraulics, or electric motors.



We design and manufacture custom carts for a range of different applications as well, including:

- AGVs
- Push carts
- Tuggers
- Conveyor carts
- Fixtures

Carts can be customized to nest complex shapes or convey boxes or pallets.

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# Conveyors



Disc conveyor



Part dispensing sequence conveyor



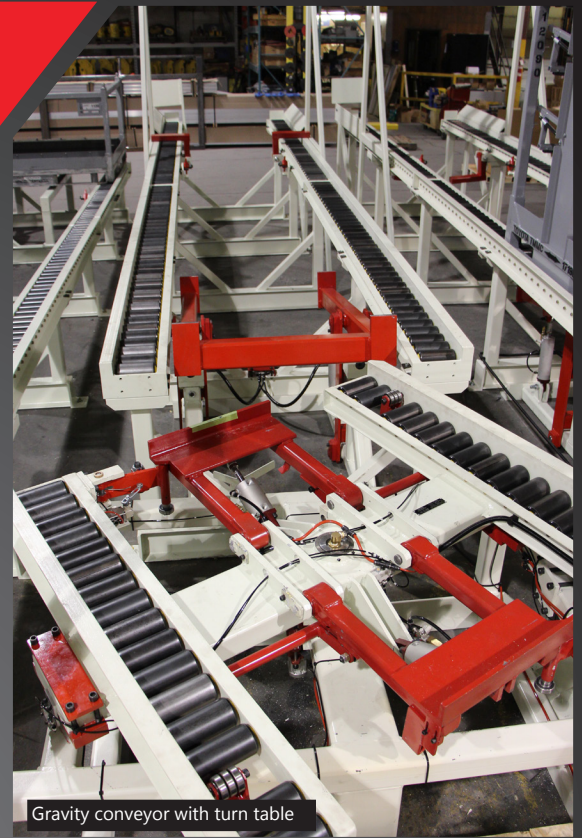
Assembly station transfer conveyor



Bin conveyor



Multi-bay over/under conveyor



Gravity conveyor with turn table

## Line Side Conveyors

dispensing parts one at a time or presenting material to production line workers.

## Gravity Conveyors

sequencing material in a warehouse or production environment.

## Custom Conveyors

made to conform with unique product and process characteristics.

## Over/Under Conveyors

powered or gravity, make use of an overhead return lane for dunnage to conserve floor space. A large scissor lift moves the empty dunnage from the feed lane up to the return lane.

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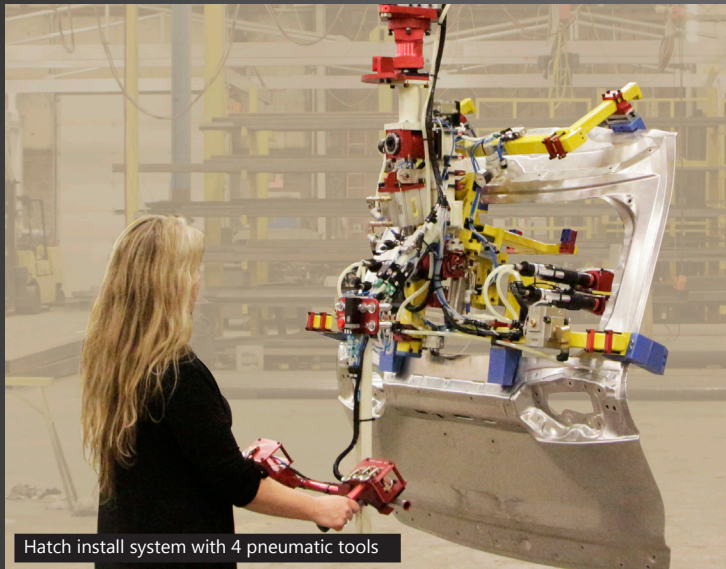
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# Fastening Systems

Powered nutrunners are a necessary tool in every production environment to quickly tighten fasteners and ensure the correct torque spec is achieved. We offer self-positioning multi driver tool systems to help improve your fastening operations.

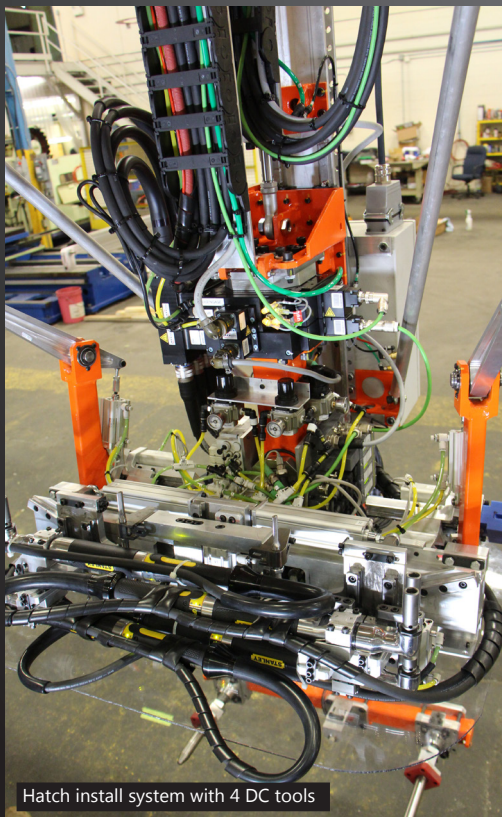
We design custom systems that locate the tooling to your product, align multiple nut runners and fasten multiple torque points simultaneously. These systems can be controlled via air logic or PLC controls. DC torque tools or pneumatic torque tools can be integrated into these systems.



Hatch install system with 4 pneumatic tools



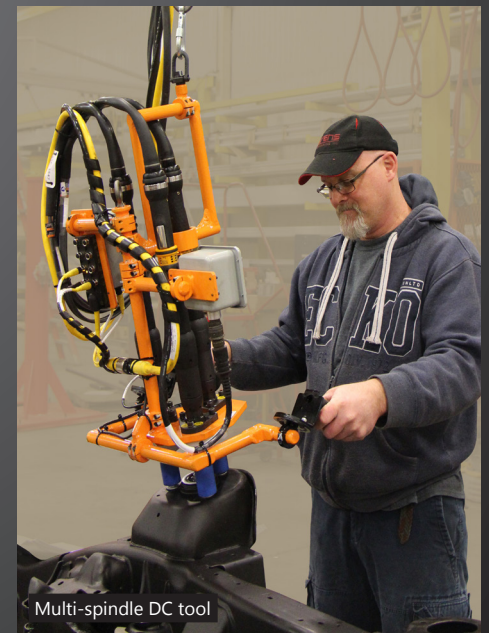
PLC and torque controller



Hatch install system with 4 DC tools



Fender install system



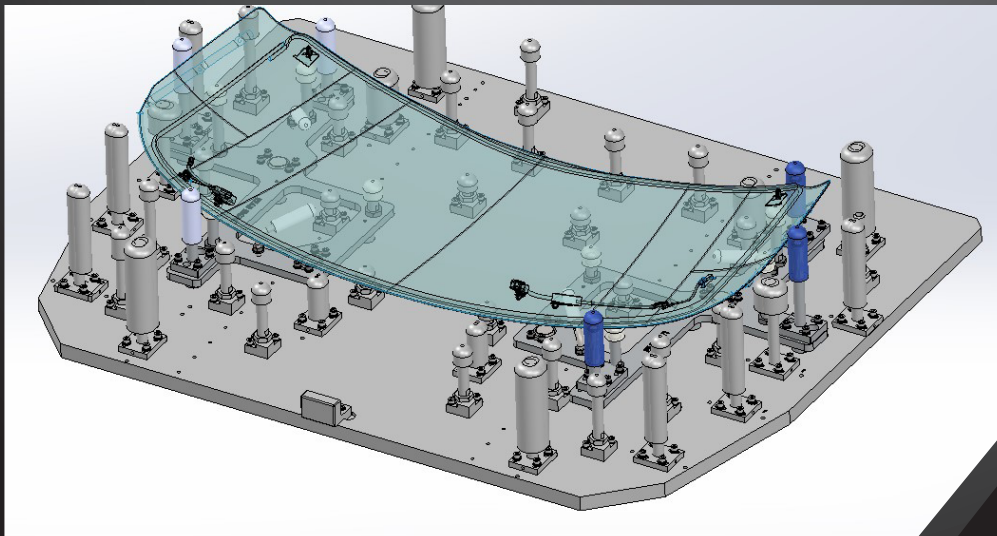
Multi-spindle DC tool

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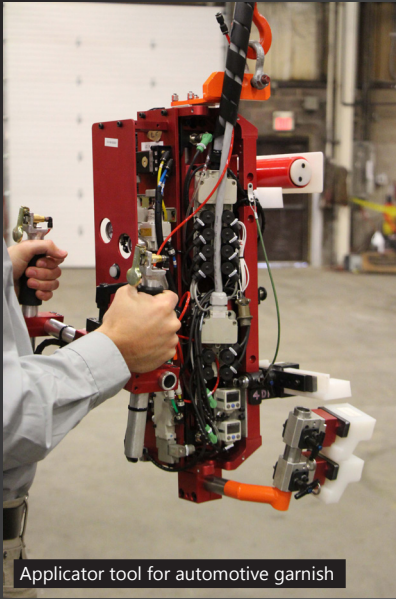
# Fixtures



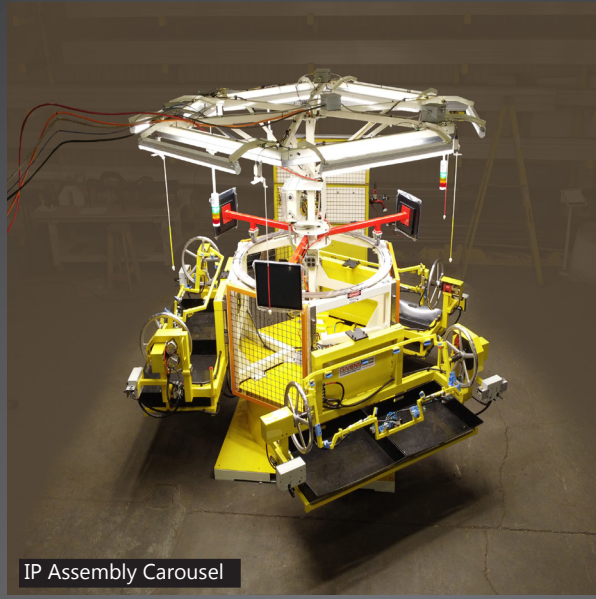
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# Special Purpose Machinery



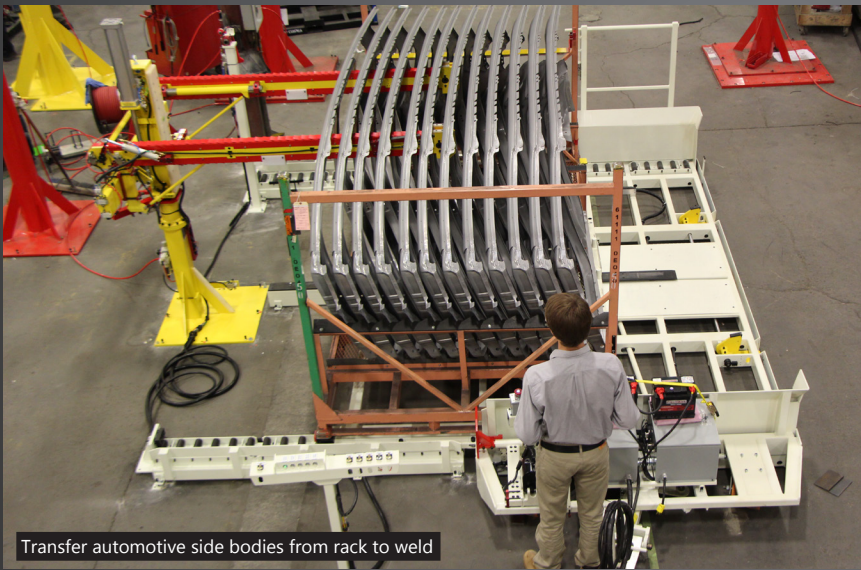
Applicator tool for automotive garnish



IP Assembly Carousel



Electrical controls cabinet



Transfer automotive side bodies from rack to weld



Rotating parts rack



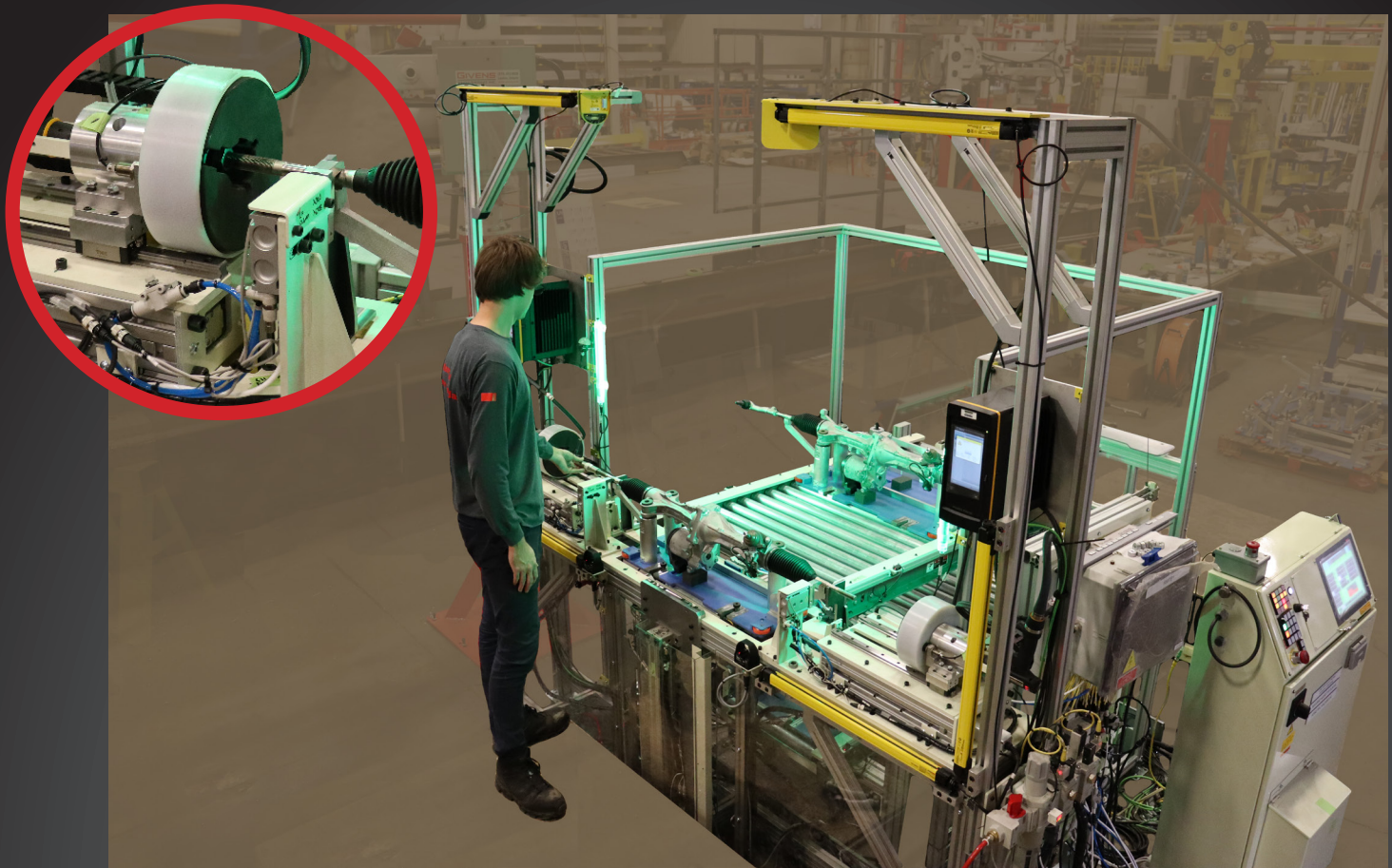
Hydraulic Accumulator Assembly Bench



Slide seat for assembly lines

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Givens Machine Systems in Canada and Givens Automation & Machine in the US provides our customers a specialized focus in automated machinery, fixtures, carts, platforms and assembly systems.

Almost everything we manufacture is customized and engineered to some degree.

We employ engineers, designers, machinists, millwrights, welders, electricians and control specialists to manufacture machinery to your specifications.

Installation, start-up support, maintenance, and upgrades are services we routinely provide.

**GIVENS**  
AUTOMATION & MACHINE



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Proud suppliers of equipment and machinery to:

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Honda, Magna, Tesla,  
International Truck, Hino Truck,  
GE, Volvo, NASA, ZF, Dana,  
Siemens, Lockheed Martin and  
many others.