

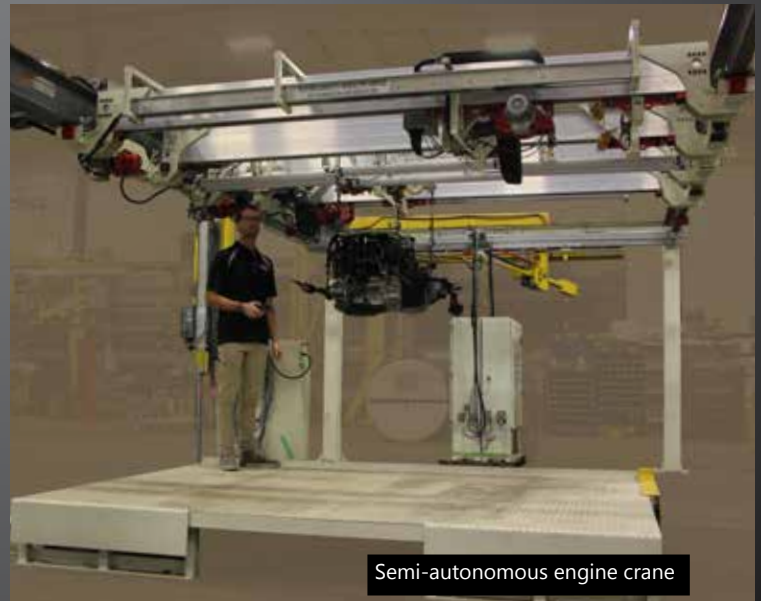


Over-under conveyors for engines

Machinery and Automation



Fixture for truck bodies



Semi-autonomous engine crane

Manufactured
in Canada and
United States

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.



Sheet Lifter



Automated seat transfer



Automated seat transfer over automotive assembly line



Automated chassis transfer



Automated G-Rail crane engine transfer

- 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

Carts & Lift Platforms



Pneumatic lift station for automotive body

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.



Hydraulic lift platform for workers



Tugger cart for suspension assemblies



Conveyor cart

We design and manufacturers 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.

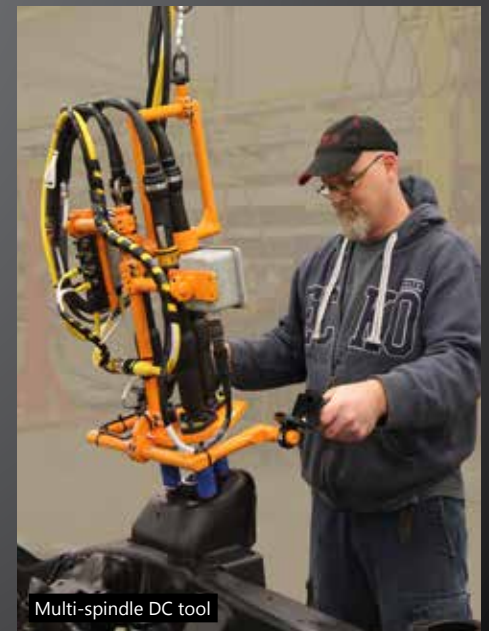
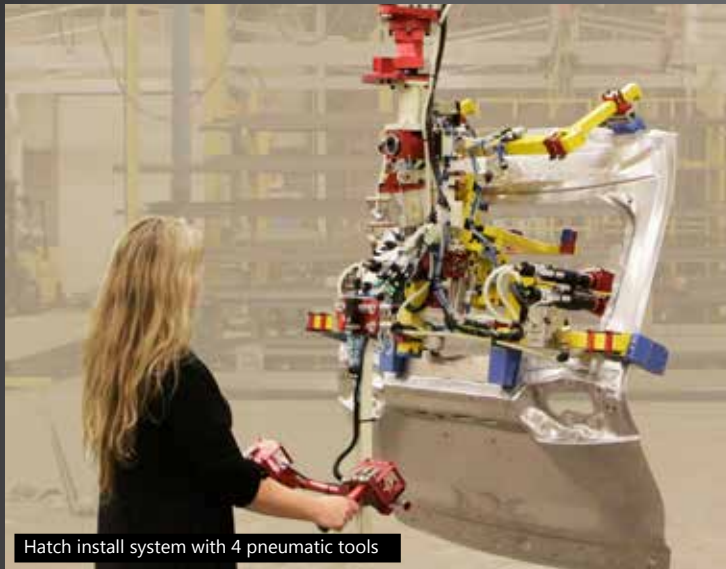
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Fastening Systems

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.



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Fixtures



Welding fixture for cabs



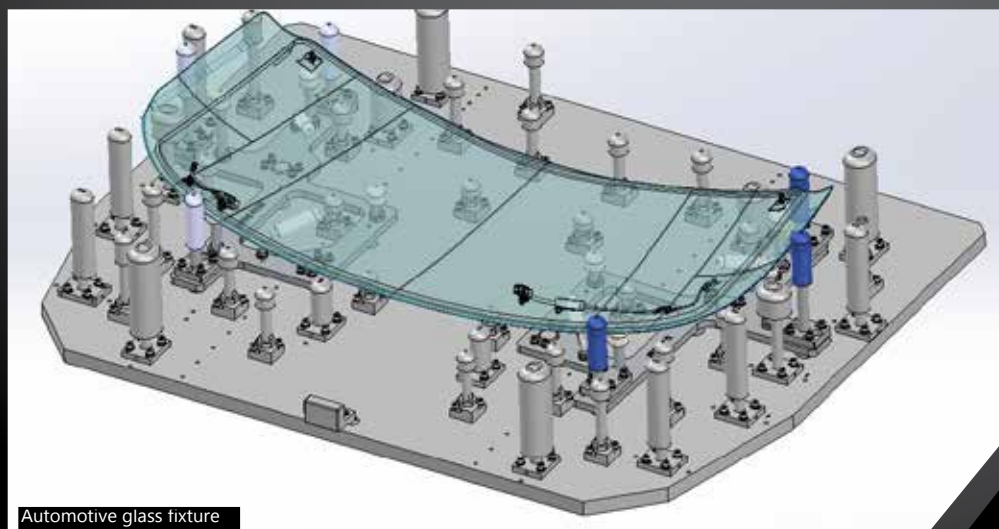
Engine assembly fixture



Hanging engine fixtures



Cabinet assembly fixture



Automotive glass fixture



Radiator assembly fixture

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Special Purpose Machinery



Applicator tool for automotive garnish



Lift cart with power rack



Electrical controls cabinet



Transfer automotive side bodies from rack to weld



Rotating parts rack

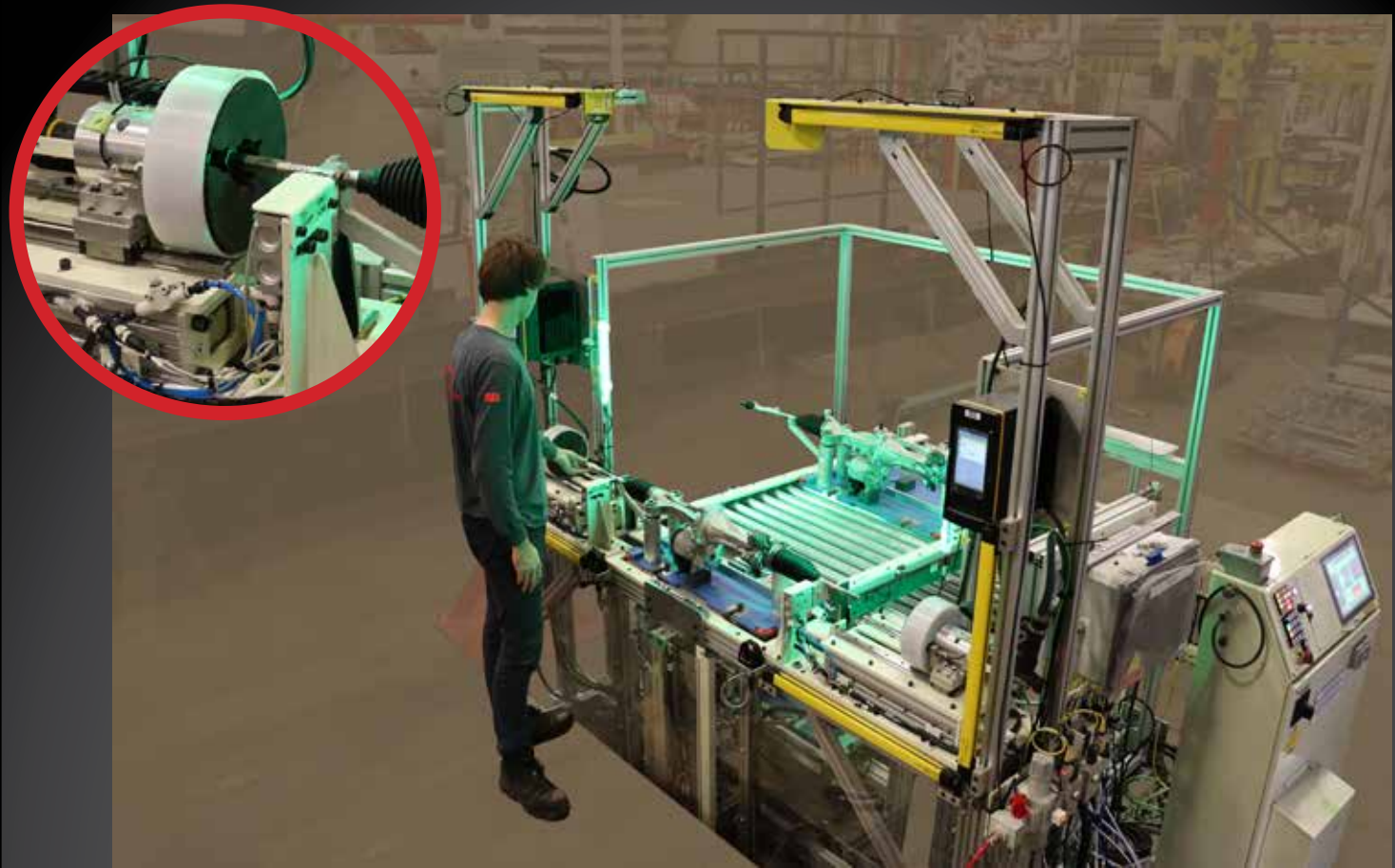


Turn table upgrade



Slide seat for assembly lines

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Givens Machine Systems in Canada and Givens Automation & Machine in the US to provide 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



Proud suppliers of equipment and machinery to:

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

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