

PAINT & ASSEMBLY DIVISION



GLOBAL
VEHICLE SYSTEMS



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Global Vehicle Systems Inc.'s Paint and Assembly Division is a full service, Class A production paint facility specializing in low and mid volume production of large and/or complex parts. It supplies its services primarily to Tier 1 and 2 suppliers to the automotive, heavy truck and recreational vehicle industries.

From scheduled production runs, to prototype requirements, to emergency painting needs; Global is the ideal choice for customers that demand uncompromising quality, flexibility, and reliability at competitive prices and turnaround times. Global's superior customer support and quality performance makes it an emerging leader in the production painting industry.

FACILITY DETAILS

Global's modern plant has over 2300 m² (25,000 ft²) of production space consisting of an air assisted ionization clean room, a large 145 m² (1,600 ft²) paint booth, and a high capacity natural gas bake oven.

The paint booth can easily accommodate large parts such as truck hoods and tonneau covers as well as multiple parts on custom paint racks. All paint racks are designed and built in-house. Global's expertise in developing racking systems enables this division to supply custom racks to a number of Tier 1 and 2 production dedicated paint facilities.

The paint booth is positive pressure designed to eliminate air borne contamination during the paint process. The large booth provides easy access to all parts from virtually any orientation. The use of pressure pots for both primer and base applications allows for color changes in less than 10 minutes so as to minimize production interruptions. Depending on customer specifications and part needs, both 1k and 2K paint systems can be used.



CAPABILITIES

The Paint and Assembly Division enjoys a variety of capabilities in support of its paint activities.

Color Matching - On site color matching ensures consistent quality for long-term programs and demanding paint specifications. In fact, Global can paint and color match over 150 OEM approved colors.

Paint Baking - Natural gas oven can accommodate bake temperatures ranging from 50 – 175° C (120 – 350° F). State-of-the-art controls and monitoring capabilities ensure consistent results.

Part Preparation – To ensure reliable paint adhesion and eliminate surface contaminants, Global provides a host of part preparation services to maximize quality throughput on production paint runs.

On-Site Warehouse Support – Global can warehouse raw or finished products as needed. This service can minimize costly shipping costs by reducing emergency shipments and "less than truck load" expedited service costs.

Custom Assembly and Packaging – The Paint and Assembly Division can accommodate nearly any packaging need either through its own custom package design capabilities or by providing product assembly and/or packaging support that utilize customer specified materials and processes. Global can provide part marking/labeling, point of sale packaging and paint warranty support services as required.



MATERIAL TYPE PAINTING CAPABILITIES

Nearly any paintable material can be painted by Global. These include:

- Paintable PVC
- TPO molded products
- ABS
- Polypropylene
- Fiberglass
- RIM molded products
- Metals (steel, aluminum, etc.)

PART TYPES

Global has experience with a wide variety of automotive, heavy truck, and recreational vehicle production parts:

Automotive Parts

- Running boards
- Trailer hitch covers
- Rear Spoilers
- Fender Flares
- Grille Guards
- Rear and Front Fascias
- Fascia Extensions
- Door Moldings
- Tonneau Covers

Medium and Heavy Truck Parts

- Refrigeration Air Intake Grills
- Cab Hoods
- Wind deflectors (Fairings)
- Bumpers and Fascias

Recreational Vehicle Parts

- External Trim
- Watercraft Storage Cover
- Watercraft Fairings
- Outboard Motor Cover and Cap

Contact Global Vehicle Systems for a list of automotive and heavy truck programs that Global has participated in.



TOOLING & AUTOMATION DIVISION

World Class Automation and Finishing Solutions

Global Vehicle Systems Inc., supplies custom integrated automation equipment, Class "A" production painting and injection molding services to the **automotive, heavy truck and recreational vehicle industries**. Its two divisions are ideally suited to solving production challenges by remaining at the forefront of automation and finishing technology. All operations are ISO certified.

Tooling and Automation Division

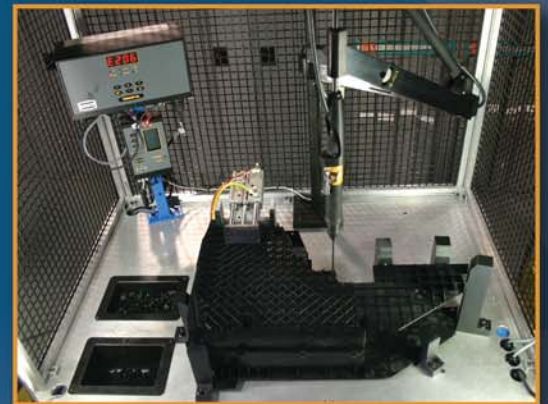
Global's **Tooling and Automation Division** specializes in automation systems that range from manual loaded single cell machines to robotic integrated production lines. It has experience with numerous joining and finishing technologies including:

- Heat Staking,
- Hot Plate Welding,
- Sonic Welding,
- Clip Install / Nut Install,
- De-gate Systems,
- Riveting,
- Tape Install,
- Wet out Presses.

Global has provided custom assembly and process equipment for numerous automotive and heavy truck programs involving:

- Fuel Tank Systems – Bore and Weld
- Interior Trim Assembly – Center Consoles, Glove Boxes, Door Panels, Trim Panels, Speaker Grilles
- Exterior Trim Assembly – Fascias, Quarter and Side Panels, Running Boards, Spoilers, Headlight Bezels
- Seat System Sub-Assembly – Lumbar supports

CONTACT GLOBAL VEHICLE SYSTEMS FOR ALL OF YOUR PRODUCTION PAINTING NEEDS AND ASSEMBLY AUTOMATION REQUIREMENTS.



Paint and Assembly Division
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