



DURABLE FABRICATION, DESIGNED FOR PERFORMANCE

Wurms Diversified Solutions (WDS) partners with engineers to deliver high-performance custom components that meet the trucking industry's toughest demands. Leveraging deep material expertise in plastics and wood fabrication, WDS provides durable, precision-engineered solutions for both interiors and exteriors—combining strength, functionality, and aesthetics to help engineers design with confidence.

WDS provides high-quality and reliable fabrication solutions for the Heavy Duty and Class 8 Trucking market, helping manufacturers deliver top-performing vehicles with enhanced interiors and functionality.



TO REQUEST A QUOTE
Call 419-492-2184
Ext. 2



CORE CAPABILITIES

Advanced plastic thermoforming, pressure forming and 3D print production:

WDS delivers capabilities engineered for the unique demands of heavy-duty Class 8 trucking. Our expertise spans a wide range of high-performance materials with options for textured and soft touch finishes. From interior panels, dash panels, cubbies, drawers, and covers to exterior components such as mudflaps and wheel well covers, WDS provides durable, precision-engineered solutions that combine strength with superior aesthetics.

In-House Tool Building and 3D Prototyping:

Rapid prototyping and efficient production of specialized components utilizing tool building and 3D printing capabilities, which can help develop custom parts and ensure precise fit and function. Our in-house tool-building department has a FARO scanner with the Polyworks software system to scan in 3D and reverse engineer parts for CAD and QMS. We have CNC machines dedicated to cutting new thermoform molds and trim fixtures.

Thermo Lamination and Component Fabrication:

Our advanced capabilities encompass a wide range of services, including precision CNC routing of wood and plastic, membrane-press thermo lamination, edge banding, and more. We excel in working with various materials, from traditional woods like plywood and MDF to engineered wood panel and hardboards. Our technology delivers durable, design-forward components engineered to withstand the toughest trucking environments, enhancing aesthetics, strength, and long-term performance.

Edge Banding & Assembly Services:

Providing straight-line, contour, T-molding applications, and edge banding to create a refined finish for components. Wurms also offers comprehensive assembly services, including hardware installation and cosmetic or support pieces, for turnkey or ready-to-assemble products, streamline the manufacturing process.

Precision CNC Wood and Plastic Routing:

WDS utilizes advanced CNC technology for the precise cutting, milling, and carving of both wood and plastic materials. This enables the efficient and accurate manufacturing of intricate components for truck cab interiors, storage compartments, and other specialized parts.





QUALITY AND COMPLIANCE

Precision Metrology and Quality Control:

As a Tier supplier, we leverage our ISO-certified processes and advanced quality verification, utilizing Faro/PolyWorks 3D dimensional analysis and quality control solutions. We conduct rapid, high-resolution first article inspections and in-process checks. The process ensures dimensional accuracy on large-format parts and enables seamless integration with your CAD models, drastically accelerating the validation and approval process. As proof of our commitment to manufacturing excellence, we adhere to rigorous automotive standards such as ISO 9001, IMDS, PPAP, FAI, FMVSS 302, and AIAG Labeling.



ADVANTAGES FOR HEAVY DUTY AND CLASS 8 TRUCKING MARKET

Customization:

Providing tailored fabrication solutions to match the unique needs and designs of heavy-duty and Class 8 truck manufacturers.

Durability and Performance:

Utilizing robust materials and fabrication techniques to produce components that can withstand the demands of the heavy-duty trucking environment.

Quality and Precision:

Delivering high-quality components with tight tolerances, efficient production processes, and a commitment to continuous improvement.

Efficient Production:

CNC machining, rotary thermoforming, 3D printing, and rapid prototyping capabilities allow for quick turnaround times and cost-effective production of components.



MATERIALS EXPERTISE

Wood:

Plywood, exterior-rated sheathing, marine grade, hardwood grades, import grades A-D, MDF, HDF, OSB, particle board, engineered wood, High-Pressure & Lo-Pressure Laminates, Phenolic

Plastics:

ABS, acrylic, HDPE, PVC foam, polyethylene (PE), polycarbonate (PP), polycarbonate (PC), TPO

Laminates:

Kydex® HD, XD, WG, OMNOVA® surf(x) EFX and other thermo foils



QUICK DELIVERY

Leveraging our efficient production processes and streamlined operations, WDS promises a two-week lead time for delivery.



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WDS
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