



WDS
WURMS DIVERSIFIED SOLUTIONS



CORE CAPABILITIES

PRECISION-BUILT MEDICAL EQUIPMENT AND FURNITURE COMPONENTS — DESIGNED TO HELP YOUR PRODUCTS AND YOUR PEOPLE THRIVE.

Wurms Diversified Solutions (WDS) is a trusted partner for medical equipment and furniture manufacturers, providing a wide variety of materials and comprehensive custom fabrication for healthcare-ready materials and surfaces that balance infection control with aesthetics and ergonomics. Wurms help medical equipment manufacturers thrive by simplifying complex engineering challenges and delivering precision-built components. The result is a high level of cleanability, precision tolerance, and performance.

Who We Serve and What We Build

Wurms supports medical dental, vision and veterinary OEMs designing exam tables, carts, and treatment room equipment with high-quality, infection-resistant, ergonomic components.

Core Component Categories:

- **Thermoformed Shrouds & Enclosures** - PVC, ABS, HDPE, and engineered plastics.
- **Back Shells & Contoured Panels** - ergonomic, lightweight, clinician-friendly shapes.
- **Table Tops, Work Surfaces & Casework Components** - thermolaminated & HPL, & TFL surfaces.
- **Cabinet Panels & Drawer Fronts** - seamless edges, rounded corners, cleanable geometries.
- **Seamless Upholstered Seats & Cushions** - medical-grade, fluid-resistant surfaces.

Advanced plastic thermoforming and pressure forming: WDS delivers capabilities engineered for the unique demands of medical environments. Our expertise spans a wide range of high-performance materials, with options with smooth edges and hygienic forms optimized for repeated disinfecting. From formed parts of any size that include cart panels/back, components, trays, shrouds, and seamless seating components. Medical environments demand components that are hygienic, durable, ergonomic, and visually seamless. Thermoforming is uniquely suited to these requirements — and Wurms brings deep expertise in producing high-quality thermoformed parts for medical furniture and clinical equipment.

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 MDF engineered wood panels, hardboards and traditional plywood's.

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 medical equipment, furniture and other specialized parts.

Assembly Services: Wurms also offers comprehensive assembly services, including hardware installation and cosmetic or support pieces, for turnkey or ready-to-assemble products, streamlining the manufacturing process for OEMs.

In-House Tool Building and 3D Farming: Rapid prototyping and efficient production of specialized components utilizing 3D printing and tool building capabilities, which can be useful for developing custom parts and ensuring precise fit and function. This expertise includes design (concept to CAD/CAM, prototyping, DFM, reverse engineering) and tooling services (custom mold, fixture, and jig fabrication), ensuring precision and efficiency.

Seamless Vinyl Upholstery: Crafting custom seating, pads, and cushions with seamless vinyl covers that are known for their durability and ease of cleaning, crucial for the medical environment.



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





QUALITY AND COMPLIANCE

Wurms operates under a robust ISO:9001–registered Quality Management System, ensuring consistent processes, documented controls, and a strong commitment to meeting customer and regulatory requirements in medical and clinical environments. We are experienced in producing components with tight, repeatable tolerances critical for equipment that interface with mechanisms, actuators, and near-patient applications. Advanced inspection capabilities — including FARO metrology paired with PolyWorks software — support first-article inspection, dimensional verification, and 3D scanning for quality validation and reverse engineering. Wurms supports PPAP-style documentation, traceability, and disciplined change control to reduce risk, maintain consistency across production runs, and help customers meet internal quality, audit, and compliance expectations.



ADVANTAGES FOR THE MEDICAL EQUIPMENT & FURNITURE INDUSTRY

Multi-Material Integration for healthcare ready components: Wood + plastic + upholstery, all from one company, reducing complexity and supplier count.

Customization: Providing tailored fabrication solutions to match the unique needs and designs of medical furniture and equipment manufacturers.

Infection control and cleanability: Supporting healthcare buyers who need non-porous, easy-to-disinfect surfaces and materials that tolerate aggressive cleaning chemicals and repeated wipe-downs.

Modularity and reconfiguration: Hospitals and clinics are designing flexible spaces using modular furniture systems that can be reconfigured, expanded, or moved. These spaces favor standardized panel platforms, interchangeable drawer fronts, doors, side panels, and accessory rails that can be customized cosmetically but share common tooling.

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

Efficient Production: CNC machining, plastic thermoforming, 3D print farming, and rapid prototyping capabilities allow for quick turnaround times and cost-effective production of components.



MULTI-MATERIALS EXPERTISE FROM ONE COMPANY

Wurms Diversified Solutions works with a wide range of materials, including:

Wood:

Melamine, HPL, TFL, HDF, plywoods

Plastics:

ABS, acrylic, HDPE, Kydex®, PVC, PVC foam, PE, PP, PETG, polycarbonate, TPO

Upholstery:

Seamless/ vac grade vinyl

Laminates:

Wilsonart (R), Formica(R), NEVAMAR(R), SSI, Dackor, Renolit, Kydex®, OMNOVA® surf(x) EFX and other premium thermo foils



QUICK DELIVERY

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



ONE PARTNER. MULTIPLE MATERIALS. ZERO COMPROMISES.

Wurms Diversified Solutions delivers cleanable, ergonomic, precision-made components that help you accelerate development, reduce risk, and create equipment that performs in demanding clinical spaces.



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