

HI-LITE MACHINE



YOUR LOCAL PRECISION MANUFACTURING & ASSEMBLY PARTNER

Hi-Lite Machine Company supports OEMs, machine builders, and industrial manufacturers with comprehensive machining, fabrication, and assembly services. Our capabilities are well suited for both design-build and build-to-print projects, providing reliable execution, clear communication, and consistent build quality.

WHY CHOOSE HI-LITE?



Fully integrated machining, welding, cutting, painting, and engraving capabilities



Proven experience supporting design-build and build-to-print manufacturing programs



Disciplined processes, documentation, and quality control



Flexible capacity to support prototypes, production work, and long-term partnerships

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INTEGRATED MANUFACTURING CAPABILITIES

Our vertically integrated facility allows us to manage parts, subassemblies, and complete builds under one roof, maintaining tight control over quality, documentation, and execution.

CONTRACT ASSEMBLY

Hi-Lite provides comprehensive mechanical and electrical assembly services designed to support OEMs, machine builders, and manufacturers requiring reliable build-to-print or design-build execution.

MECHANICAL ASSEMBLY

- Assembly of machine structures, frames, spindles, tooling, and fixtures
- Precision alignment, fit-up, and functional motion checks
- Bearing installation, shaft alignment, and drive system assembly
- Integration of machined, welded, and fabricated components into complete subassemblies
- Kitting services for organized, production-ready parts and hardware
- Prototype assembly support for engineering trials and product development
- Ability to scale from one-off assemblies to recurring production builds

ELECTRICAL ASSEMBLY

- Industrial control panel builds, including layout, wiring, and component integration
- Machine wiring, cable routing, labeling, and termination to industrial standards
- Installation of PLCs, HMIs, sensors, motors, drives, relays, and safety devices
- Wiring verification, continuity testing, and functional testing prior to shipment
- Support for customer-supplied schematics or Hi-Lite-generated electrical documentation
- Flexible capacity for single custom panels or repeat production runs

VALUE OF HI-LITE ASSEMBLY SERVICES

- Seamless integration with machining, welding, painting, and engraving for turnkey builds
- Consistent, repeatable quality supported by disciplined processes and documentation
- Reduced customer coordination by consolidating multiple vendors into a single source
- Ideal for overflow support when customer internal labor is at capacity

WE GET IT RIGHT THE FIRST TIME.

Contact us to discuss requirements, review drawings, or to get a quote. We provide early-morning availability to support urgent production needs and time-critical decisions.

MACHINING SERVICES

- Vertical CNC milling for precision components and tight-tolerance features
- CNC lathe turning for shafts, bushings, spacers, and round-profile parts
- Prototype machining, one-off parts, and repeat production runs
- Machining of steel, stainless steel, aluminum, plastics, and specialty alloys

CNC PLASMA CUTTING

- Cutting capability up to 1/2" mild steel
- Accurate profiles for brackets, plates, gussets, and custom shapes
- Single-piece or batch processing
- DXF-ready workflow from customer-supplied drawings

LASER PART ENGRAVING

- Permanent marking for part numbers, serials, logos, barcodes, and QR codes
- Compatible with stainless steel, aluminum, and mild steel components
- High-detail engraving suitable for small or complex parts
- Supports prototype, short-run, and high-volume marking requirements

WELDING & FABRICATION

- Mild steel welding for frames, bases, fixtures, and structural components
- MIG, TIG and stick welding for light, medium and heavy fabrication
- Stainless steel welding capabilities
- Aluminum welding for lightweight and specialty applications
- Fit-up, dimensional checks, and fabrication preparation
- CNC press brake forming for accurate, repeatable bending of sheet and plate components

CUSTOM INDUSTRIAL PAINTING

- Custom color matching to customer specifications
- Durable industrial coatings for machinery and fabricated components
- Surface preparation including cleaning, sanding, and priming
- Suitable for small parts, large weldments, and full machine systems
- Paint booth capacity: 24'L x 13'W x 12'H



HI-LITE MACHINE COMPANY

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