

FABRICATION AND MODULAR CONSTRUCTION

With over 20 years of experience fabricating components for construction projects, ERMCO's process has evolved to provide manufacturing-level efficiencies. We have dedicated fabrication spaces, equipment, and production technicians. Our standard fabrication procedures are focused on safety, quality, and schedule management, resulting in reliable, consistent, high-quality product for clients.

Reasons to choose modular construction:

- **CONSTRUCTION SAFETY** | Working in a controlled atmosphere, team members are not exposed to the hazards of extreme weather and other construction site dangers such as noise, poor air quality, and fall hazards.
- **SCHEDULE IMPROVEMENT** | Off-site fabrication provides a more predictable schedule and controlled workflow. It is not as vulnerable to delays and disruptions due to poor weather conditions and stacking of trades. It is not dependent on predecessor activities, meaning there is more time available and less resources required to complete the work.
- **COST REDUCTION** | Modular construction decreases on-site labor and storage requirements, thus reducing costs associated with both. The use of standardized design components and materials helps streamline the design process and budget.
- **QUALITY CONTROL** | The monitored manufacturing setting, the use of precise fabrication tools such as VDC software, and the ability to automate processes allow for a high level of quality control and consistency.



JOB-SITE-READY CARTS



CONDUIT BENDING & SUPPORT FABRICATION



ROOM-IN-A-BOX



MULTI-TRADE RACKS



BUNDLING AND PARALLELING



MODULAR UNITS



PACKAGING REMOVAL



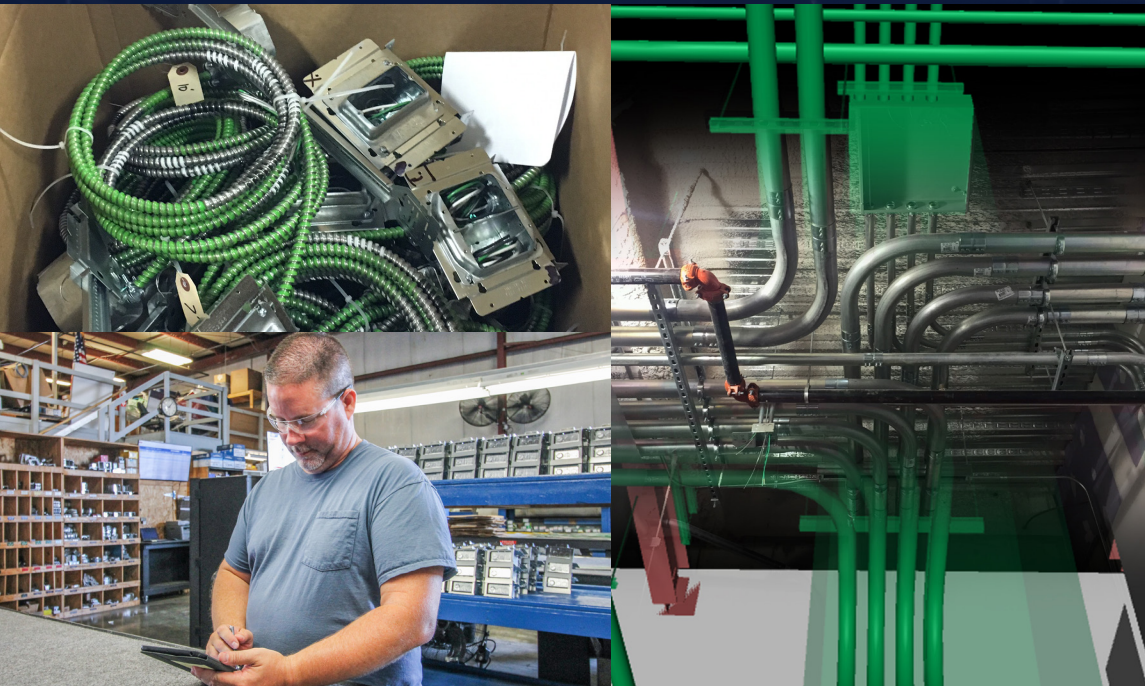
PREFABRICATED CONTROLS



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DESIGN | INTEGRATE | INSTALL | MAINTAIN | MONITOR

ERMCO'S FABRICATION PROCESS



INTEGRATED FABRICATION AND MODEL MANAGEMENT

At ERMCO, the same VDC engineers are collaborating with you to manage the project's BIM and to develop strategic prefabrication and modular construction solutions. Our VDC team includes seasoned IBEW field leaders and construction management graduates, who are engaged throughout the preconstruction and construction process. This integrated approach blends the use of technology with practical knowledge to improve installations and reduce costs.



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DESIGN

Early engagement allows for informed decision-making during design, improving constructability and reducing changes in the field.

PLAN & SCHEDULE

Execution of fabricated items is strategically planned throughout design and construction in order to maximize resources and enable just-in-time delivery.

CUSTOM ELEMENTS

We collaborate with the design and construction team on custom fabrications that will save time and money.

STANDARD ELEMENTS

ERMCO's catalog of standard fabrications allows design team members, project managers, and construction foreman to easily identify appropriate, cost-effective solutions for their project.

VENDOR PARTNERS

Strategic vendor relationships benefit our team and your project with enhanced buying power and just-in-time deliveries, enabling fast-track schedules and reducing on-site storage needs.

PRODUCTIVITY MANAGEMENT

Customized planning software breaks each fabrication into small, manageable tasks allowing for improved quality control and schedule management.

JIT DELIVERY

The goal is to enable immediate installation, which streamlines schedule, reduces on-site congestion, and improves safety.