

# Industrial Storage

Racking and stacking the UNICOR way





## Making Change Possible

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The Federal Prison Industries program (operating under the trade name UNICOR) was established in 1934. The program continues to operate at no cost to taxpayers and benefits communities across the Nation by creating safer prisons and reducing inmate recidivism.

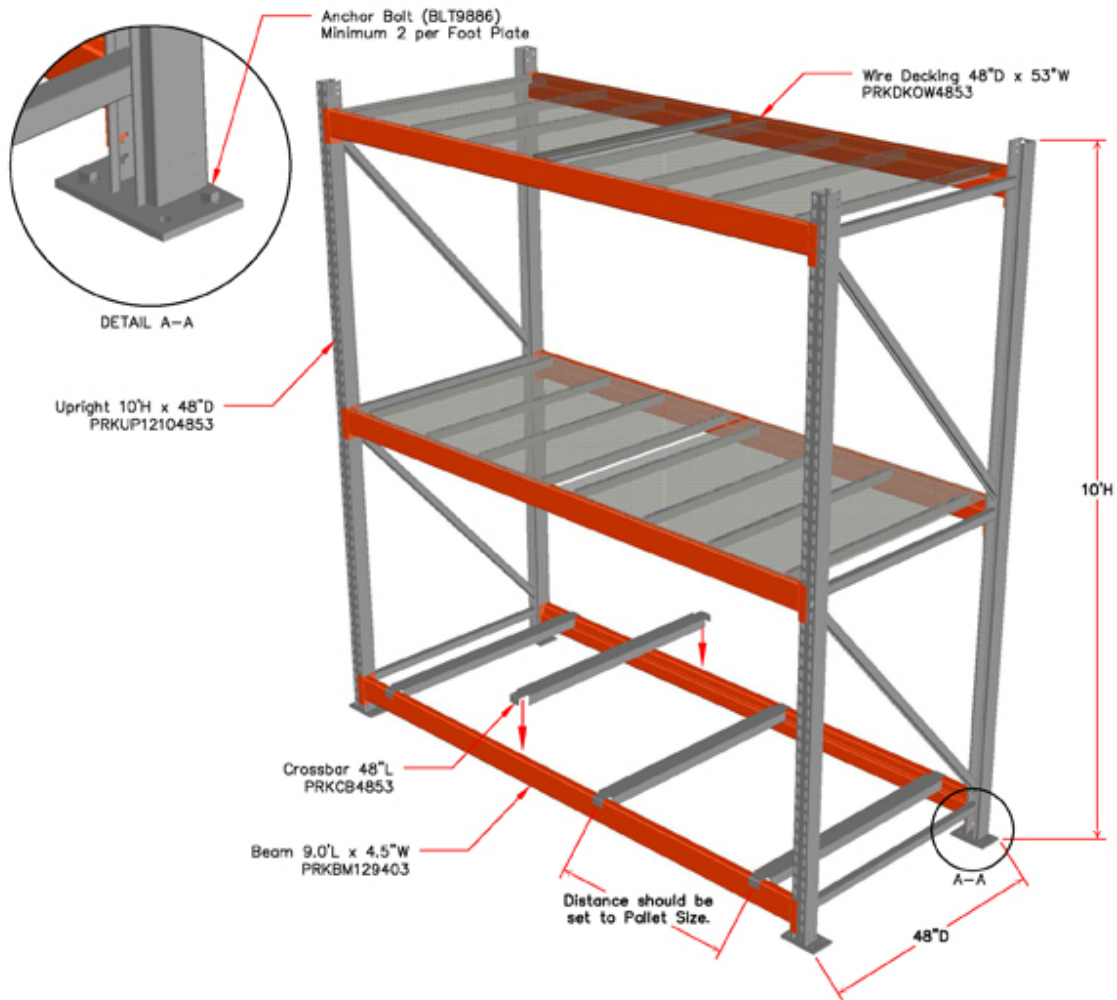
Social responsibility underscores everything we do. By providing a platform of job and life skills training along with work experience, we increase offenders' chances of securing meaningful post-release employment and becoming a contributing member of society.

Research shows that offenders who participate in the UNICOR program are 24% less likely to return to criminal activity and 14% more likely to obtain employment upon release from prison compared to those without similar experience.

UNICOR invests in America by reducing crime, and its costs and consequences. For every dollar spent on correctional industry programs, a substantial amount is saved in future criminal justice costs (e.g., arrests, convictions, incarceration, crime victimization, and post-release supervision).

Ultimately, UNICOR helps keep America safe, reduces public assistance costs, and compensates victims of crime. It also supports local businesses via the purchase of raw materials, promotes the viability and health of our communities, and effectively reduces crime's revolving door.





## Storage You Can Count On

UNICOR has decades of metals manufacturing experience producing a wide range of quality industrial shelving products to serve the storage needs of our wide array of clients.

Our manufacturing experience includes the production of heavy-duty pallet racking and cantilevered storage for warehousing needs, and lightweight shelving, lockers, and cabinets more suitable to storerooms, stockrooms, barracks, and locker rooms.

While most of UNICOR's metal products are sold online in standard colors, our paint capabilities are extensive and special colors are available on many products.

## Cantilever and Stacking Racks

UNICOR offers stacking racks for 3000 lb. and 4000 lb. capacity online and cantilever racking systems offline. Customers experienced with our stacking racks can take advantage of UNICOR's self-service procurement. For all other customers, we strongly encourage you to use our layout and design services. Experienced installers can also provide complete installation services. Final price and lead time will be based on customers' lead time.

Our range of cantilever and stacking racks include:

- Cantilevered storage systems
- Stacking Racks 3000 lb. capacity
- Stacking Racks 4000 lb. capacity

### Pallet Racking Systems

UNICOR provides pallet racking for standard and rugged warehousing applications. Pallet racking systems are not sold online. Due to the wide



range of capabilities and options, it is advisable to consult with UNICOR first to ensure your satisfaction.

In addition, experienced installers can provide complete installation services. Your requirements will determine your final price and lead time.

Our pallet racking component parts include:

- Shelf beams
- Decking
- Decking Channel
- Frame Uprights
- Corner Guards
- Heavy-duty Crossbars
- Bump Rails

### Closed Stockroom Shelving

UNICOR provides a range of Closed Stockroom Shelving. Standard features and conditions include:

- Self-Standing
- Great for most storage needs
- Class 1A Shelving supports up to 1000 lbs. per shelf and Class 2A shelving supports up to 1200 lbs. per shelf
- Heavier weight capacity shelving available
- Prices include standard destination delivery within the lower 48 United States and presume a loading dock or forklift equipment at the shipping location
- A nominal charge of \$150 per delivery will be assessed if a lift-gate truck is required to accommodate special delivery needs.
- Overseas shipping would require a special quotation

For special and custom quotes, customers may have to upgrade to a stronger and more durable design, especially for larger dimensions.

*NOTE:* All Closed Shelving products are shipped unassembled. For larger projects, UNICOR offers Offload and Installation Services; design and layout services are encouraged. UNICOR can help you optimize storage capacity in your available space and reduce ongoing costs by creating floor plans through our Automated Drafting Department.



## Open Stockroom Shelving

UNICOR provides a range of Open Stockroom Shelving. Standard features and conditions include:

- Self-standing
- Great for all your storage needs
- Class 1A Shelving supports up to 1000 lbs. per shelf and Class 2A shelving supports up to 1200 lbs. per shelf
- Heavier weight capacity shelving is available
- Prices include standard destination delivery within the lower 48 United States and presume a loading dock or forklift equipment at the shipping location
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## Cabinets and Wardrobe Lockers (Heavy Duty)

UNICOR offers a wide range of flexibility and choice in wardrobe and utility storage cabinets, available in 3 standard finishes, namely black, gray, and parchment. Our range of durable, heavy-duty products have been used in government warehouses, barracks, storerooms, and front offices for many years. Most lockers are offered either unassembled or assembled. In addition, we sell lighter-duty storage cabinets and wardrobes intended for office settings.

Our storage cabinets and wardrobe lockers are currently not sold online.

## Sports Lockers

UNICOR offers an assortment of sports lockers, both with and without legs. Options include semi-louvered, louvered, perforated, and single door options. In addition, customers can choose from a base front trim, a base side trim, and sloping tops.

## Military Storage Bin Shelving

UNICOR offers a range of Military Storage Bin Shelving, either enclosed or open, and available in an assortment of dimensions.



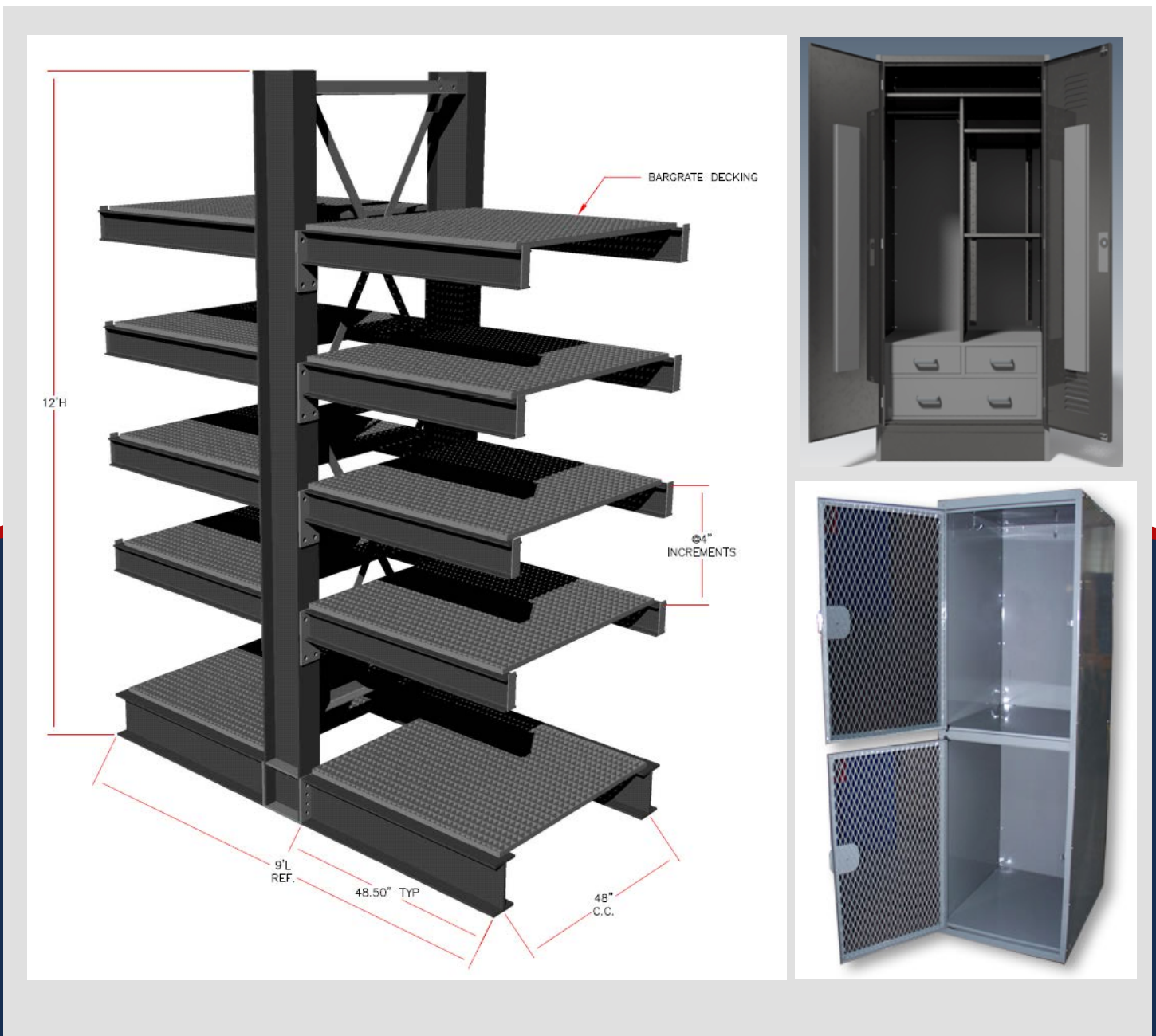


## Metals Manufacturing Capabilities

UNICOR's metals manufacturing capabilities include an extensive line of modular furniture, storage, and warehousing systems, as well as miscellaneous steel and stainless products.

Our expertise and diverse metals fabrication capabilities provide us the latitude to offer a broad range of equipment and styles, from product design, through production start-up. And we can handle short runs, custom projects, and multi-year contracts.

In addition, our full inspection team is driven by ISO9001:2015 certification. We operate in a Lean Six Sigma Continuous Improvement Processing environment.



## Our Diverse Capabilities Include:

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### Stamping

- Our punch presses are capable of producing 6,000 parts per hour including 500-ton presses with 10-foot beds
- Parts range in size from military ID tags to shelving uprights up to 10 feet long. Metal thicknesses from 24 gauge (0.024) through 10 gauge (0.135) are commonly used
- We fabricate materials made of low carbon steel, aluminum, stainless steel, and other metals
- Automatic coil feeders are used where appropriate to maximize production efficiency.

### Tooling

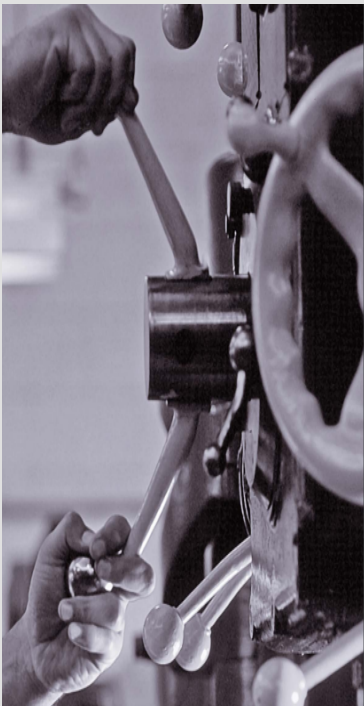
- A variety of tooling options are available, including permanent tooling, universal tooling, and steel rule dies
- Our Computer Numerically Controlled (CNC) turret presses handle short- to medium-run stampings, where permanent tooling is not feasible due to lead time or cost constraints

### Forming

- Our wide range of mechanical and hydraulic press brakes handle most metal forming needs
- Capacities up to 300 tons are available with 12-foot beds and CNC back gauging, offering outstanding accuracy and consistency
- Several standard tooling configurations are available, and custom tooling can be developed in-house for special shapes
- Our roll forming machines with integral punch presses and flying cut-off accommodate high volume requirements for items such as pallet rack uprights and beams

### Machining

- Flexible CNC turret lathes and machining enable us to turn the most complex designs into finished products
- Part designs are quickly and accurately converted from concept to reality by integrating the CNC machines with computer-aided drafting and design
- We can machine carbon steel, stainless steel, aluminum and other metals





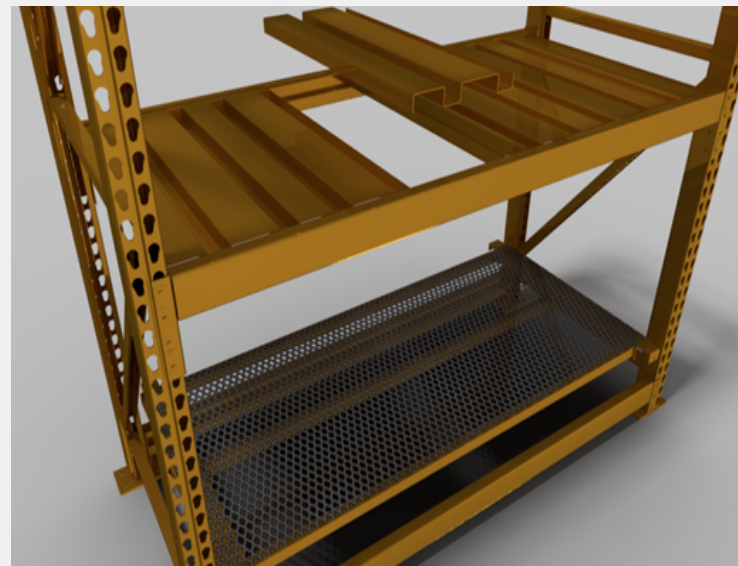
## Welding

- We offer MIG, and TIG welding expertise and routinely handle carbon steel, stainless steel, and aluminum. American Welding Society procedures are used, and certification of welders is available
- Resistance welding is used for sheet steel in the range of 24 gauge (0.024) to 16 gauge (0.060). Arc welding is used for heavier gauge plate and tubing
- Welders are National Sanitation Foundation (NSF) certified for food service equipment



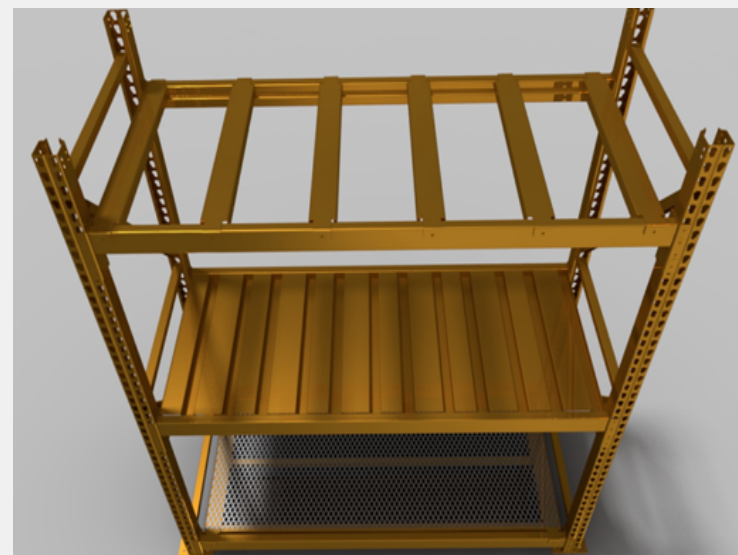
## Coating and Finishing

- Our state-of-the-art powder coating systems ensure an attractive and durable finish. Multi-stage wash systems prepare parts for painting, and a phosphate coating for improved paint adhesion is included in the wash cycle
- Parts are routed through a dry-off oven before entering the powder paint booths. Electrostatic paint application ensures a uniform coating, even in hard-to-reach areas. The finish is ultimately cured to the required gloss and hardness in carefully controlled ovens
- We use standard epoxy-based coatings. Others (polyesters, acrylics, and hybrids) are available. When required for military components, chemical agent resistant coating (CARC) can be provided as well. Numerous standard colors are available, and we can match FED STD 595A or custom colors



## Tool and Die

- Our metals operations are equipped to build and maintain their own tooling
- UNICOR's tooling design and fabrication expertise can handle complex projects requiring the use of CNC machining centers as well as vertical and wire electro-discharge machining
- From complex progressive dies to universal tooling, we have the expertise and experience to identify and perform the most effective tooling for your program







## Contact

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For more information about UNICOR's metal industrial storage, contact:

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