

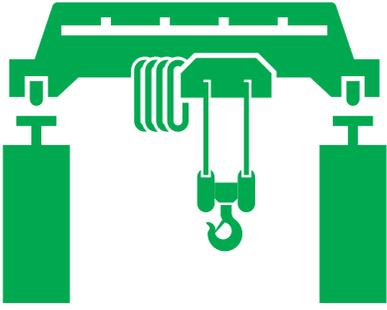


CMAA members are the industry leaders who are committed to providing safe, efficient overhead cranes that meet to performance requirements of manufacturing applications.

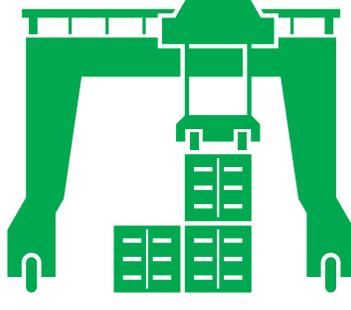
Overhead Cranes and Hoists are a key to the efficient performance of a manufacturing facility.

They allow for loads to be efficiently moved throughout the manufacturing process without taking up valuable floor space.

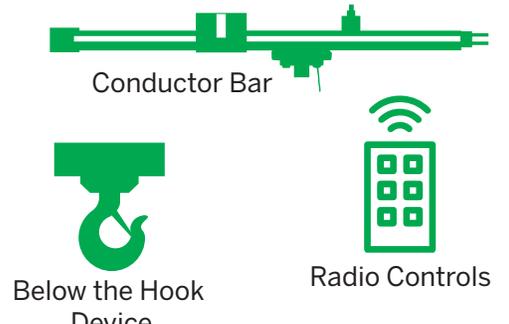
## Types of Products



**Overhead Traveling Crane**  
Single or Double Girder



**Gantry Crane**



**Crane Components**

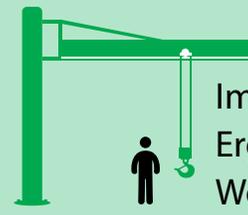
## Benefits



Increases Manufacturing Performance and Throughput



Efficient Load Handling



Improved Ergonomics and Worker Safety

## Interesting Fact:

The first powered overhead cranes date back to 1861 and were powered by steam. Today, cranes are powered by electric motors and can be equipped with sophisticated controls for acceleration and speed control, positioning, anti-sway, zoning, automation, and downloadable maintenance data. Today's cranes are an integral part of most manufacturing processes.

## Industries Served

BRICKS COAL ENERGY  
 CEMENT CONSTRUCTION NUCLEAR  
 HYDRO CHEMICAL MACHINERY ASSEMBLY PULP  
 OIL GENERAL MANUFACTURING MINING  
 AIRCRAFT INJECTION MOLDING SHIP BUILDING  
 PAPER ALUMINUM AUTOMOTIVE  
 GOVERNMENT DEFENSE  
 POWER CONCRETE STEEL FOOD WIND  
 GLASS SOLAR GAS BIO MASS  
 BEVERAGE

See [www.mhi.com/cmaa](http://www.mhi.com/cmaa) for case study applications

## INDUSTRY 4.0 & IIOT CAPABILITIES

Cranes and Hoists can be connected to your operating systems to monitor performance and maintenance requirements.

IIOT = Industrial Internet of Things



Crane Manufacturers Association of America members are the leading providers of overhead crane systems. The members of CMAA design, manufacture, assembly, install and service overhead cranes and components.

## CMAA MEMBERS...

Are committed to providing products which focus on safety and innovation and delivering the proper solution for the required duty and performance which provides maximum benefits to our customers.

Learn about our member companies, [www.mhi.org/cmaa/members](http://www.mhi.org/cmaa/members).

Learn more about why choose a CMAA member see our video at, [www.mhi.org/cmaa](http://www.mhi.org/cmaa).



## COMBINED EXPERIENCE

**30,000**

CMAA Members comprise of the largest crane and most experienced manufactures in North America and they manufacture and install more than 30,000 cranes over the past 10 years.

## TECHNICAL EXPERTISE

**50**

CMAA engineering and technical specifications are widely recognized as the engineering resource for the design, manufacturing, operations and service of overhead cranes. More than 50 industry engineers regularly meet to continue to develop standards, specifications and technical resources.

## EDUCATIONAL RESOURCES

- Engineering specifications: Single, Multi Girder Cranes and Professional Service
- Product Buyers guide
- OSHA Alliance Safety Tip Sheets, and Fact Sheets
- Crane operators Manual and Quick cards
- Inspection and Maintenance check list
- Safety Seminars