

HOIST MANUFACTURERS INSTITUTE

Hoist Manufacturers Institute (HMI) members are the leading providers of hoisting products. The members of HMI design, manufacture, assembly, install and service hoisting products and crane components.



Hoists are key to the efficient performance in any facility.

Hoists allow for loads to be moved throughout the facility without taking up valuable floor space.

Hoists provide ergonomic solutions that reduce strain on the workforce.



Expected growth

# **Industry Size**

# \$400 MILLION 2017

# \$460 MILLION 2020

### Types of Products



**Wire Rope Hoist** Electric and Air



**Chain Hoist** Electric, Manual and Air



**Lever Hoist** Chain, Rope, or Web Strap

#### Benefits



**Efficient load** handling





# Interesting Fact:

Mass production of powered hoists began in the early 1900's. Today, most hoists are mass produced, while some are customized for specific applications. Hoists can be powered by electric, by air, or manually. Hoists can be equipped with sophisticated controls for positioning, speed control, automation and downloadable maintenance data.

### **INDUSTRY 4.0 & IIOT CAPABILITIES**

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

IIOT = Internet of Things

# **Industries Served**

**ENERGY** CHEMICAL

HYDRO

OIL

COAL SOLAR

FOOD

AIRCRAFT

**GOVERNMENT DEFENSE** MACHINERY ASSEMBLY

GENERAL MANUFACTURING

BRICKS

DISTRIBUTION CONSTRUCTION

STEEL BIO MASS PAPER

**POWER** 

BEVERAGE

CONCRETE

See www.mhi/HMI for case study applications



HOIST MANUFACTURERS INSTITUTE

Hoist Manufacturers Institute (HMI) members are the Industry's leading suppliers of hoisting equipment. They are committed to providing safe, efficient overhead hoists that meet the performance requirements of any facility.

#### **HMI MEMBERS...**

are committed to providing exceptional value by delivering the proper solution for the application with a focus on safety and innovation.

Learn about our 13 member companies, www.mhi.org/hmi/members

Learn more about joining HMI at www.mhi.org/mhi.



## COMBINED **EXPERIENCE**

<u>300,000</u>

HMI Members are the largest and most experienced hoist manufacturers in North America. They manufacture and install more than 300,000 hoists per year.

# **TECHNICAL EXPERTISE**



HMI engineering and technical documents are recognized as THE resource for selecting a hoist and using it safely. HMI industry engineers regularly meet to develop these technical resources.

### **EDUCATIONAL RESOURCES**

- Product guide
- · Hoists basics and standards
- · Hoist operators manual
- Hoist inspection and maintenance manuals
- · Comparison of hoist duty and service classifications
- HMI NEC consensus
- Recommended practices for hoists (English and Spanish)
- · OSHA Alliance safety tip sheets, fact sheets and quick cards
- Inspection and maintenance checklist



Hoist Manufacturers Institute (HMI) members are the leading providers of hoisting products. The members of HMI design, manufacture, assembly, install and service hoisting products and crane components.



Hoists are key to the efficient performance in any facility.

Hoists allow for loads to be moved throughout the facility without taking up valuable floor space.

Hoists provide ergonomic solutions that reduce strain on the workforce.

#### Types of Products



**Wire Rope Hoist** Electric and Air



**Chain Hoist** Electric, Manual and Air



**Lever Hoist** Chain, Rope, or Web Strap

#### Benefits



**Efficient load** handling



COAL

SOLAR

FOOD



# Interesting Fact:

Mass production of powered hoists began in the early 1900's. Today, most hoists are mass produced, while some are customized for specific applications. Hoists can be powered by electric, by air, or manually. Hoists can be equipped with sophisticated controls for positioning, speed control, automation and downloadable maintenance data.

#### **INDUSTRY 4.0 & IIOT CAPABILITIES**

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

IIOT = Internet of Things

#### **Industries Served**

**ENERGY** AIRCRAFT

CHEMICAL

**MACHINERY ASSEMBLY** GENERAL MANUFACTURING

**GLASS** DISTRIBUTION CONSTRUCTION **BRICKS** 

STEEL BIO MASS PAPER

CONCRETE

HYDRO

POWER

BEVERAGE

OIL

GAS

See www.mhi/HMI for case study applications



HOIST MANUFACTURERS INSTITUTE

Hoist Manufacturers Institute (HMI) members are the industry's leading suppliers of hoisting equipment. They are committed to providing safe, efficient overhead hoists that meet the performance requirements of any facility.

### HMI MEMBERS...

are committed to providing exceptional value by delivering the proper solution for the application with a focus on safety and innovation.

Learn about our 13 member companies, www.mhi.org/hmi/members

Learn more about joining HMI at www.mhi.org/mhi.



### **COMBINED EXPERIENCE**

300,000

HMI Members are the largest and most experienced hoist manufacturers in North America. They manufacture and install more than 300,000 hoists per year.

# **TECHNICAL EXPERTISE**



HMI engineering and technical documents are recognized as THE resource for selecting a hoist and using it safely. HMI industry engineers regularly meet to develop these technical resources.

# **EDUCATIONAL RESOURCES**

- Product guide
- Hoists basics and standards
- Hoist operators manual
- Hoist inspection and maintenance manuals
- · Comparison of hoist duty and service classifications
- HMI NEC consensus
- Recommended practices for hoists (English and Spanish)
- OSHA Alliance safety tip sheets, fact sheets and quick cards
- Inspection and maintenance checklist