

Showcase Webinar Series

50 Crane & Rigging Resources in 25 Minutes

Presenter:
Zack Parnell
President, ITI



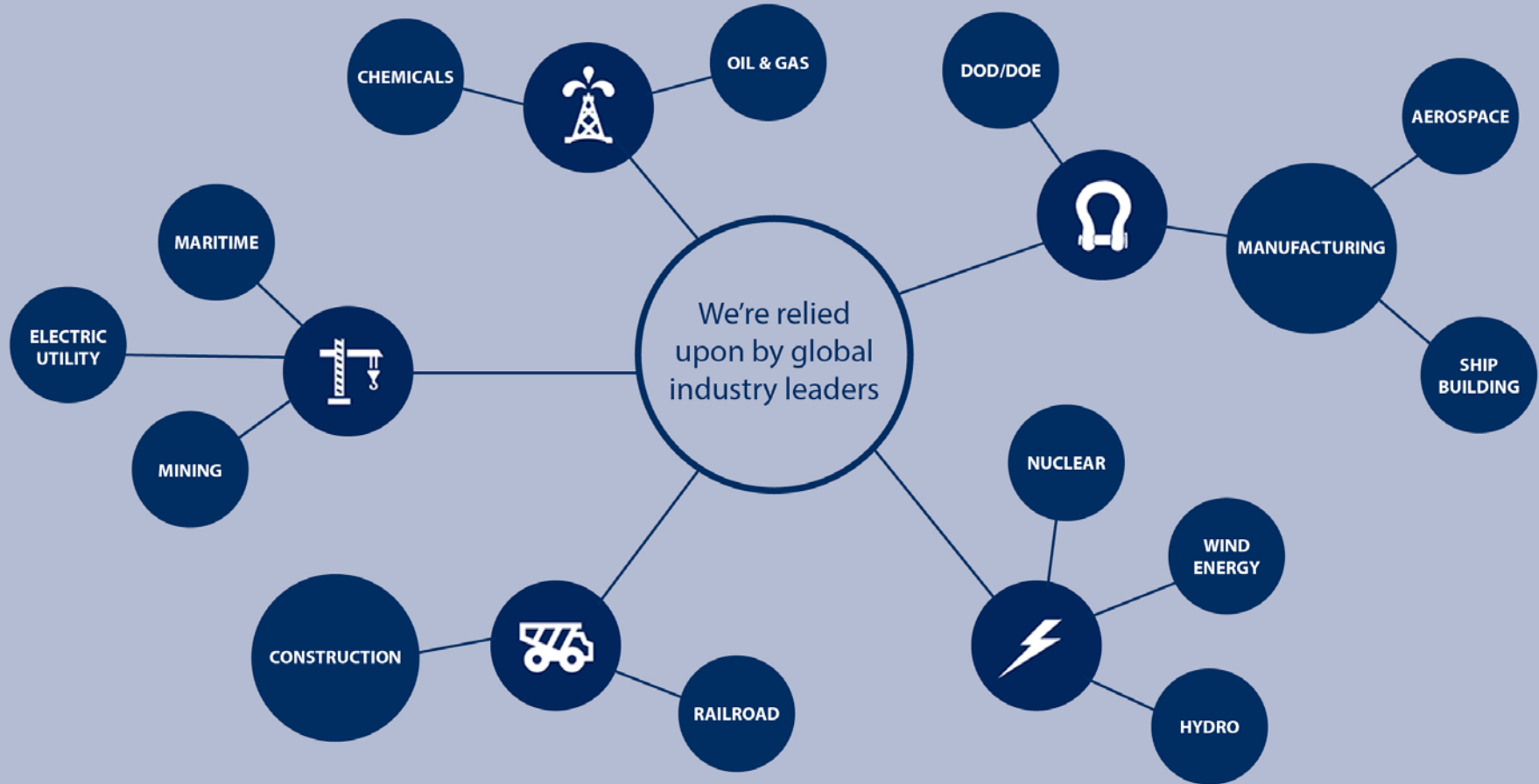
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Cranes • Rigging • Lift Planning • Engineering

The world's foremost provider of educational and technical services for those who use cranes, rigging and load handling equipment.



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Rigging Engineering Training



Lift Planning & Management Training



Crane Training



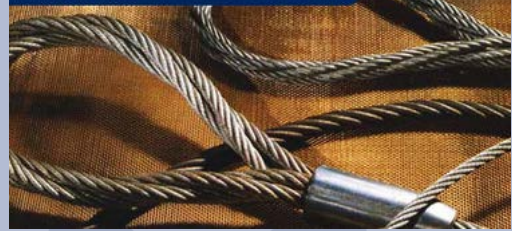
Rigging Training



Inspection Training



Sling Fabrication Training



Certification Training



Heavy Equipment Training



For more info visit: iti.com/training



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The world's foremost provider of educational and technical services for those who use cranes, rigging and load handling equipment.

Interactive Learning with No Boundaries. E-Learning courses can be purchased individually or as part of a subscription plan.

The ITI Bookstore is the most comprehensive marketplace for books and reference materials dedicated to cranes & rigging.

Educated minds and experienced hands have always been the foundation of the ITI Field Services and Training staffs.

ITI Workshops are single-track, interactive learning events that bring ITI course content to a specific region with a few guest speakers.

Participate in educational webinars each month and view the entire webinar archive of recordings, presentation files, and transcriptions.



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Zack Parnell

- President, ITI
- Student of Content & Instructional Design
- MBA, International Business



[linkedin.com/in/zackparnell](https://www.linkedin.com/in/zackparnell)



twitter.com/zackparnell

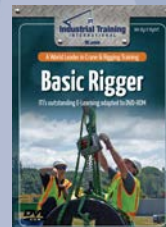


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Methodology & Purpose

- Provides core industry knowledge in “self-paced learning” method
- Unique, differentiating attributes
- To alert learners to the variety of available learning and reference resources



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Disclaimer

- This list is not comprehensive, it is limited at 50 resources.
- This list was not sourced with the scientific method.
- This list may have been influenced by personal bias.
- This list *is* pretty #awesome!



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Cranes ▪ Rigging ▪ Lift Planning ▪ Engineering

CRANES • RIGGING • LIFT PLANNING • ENGINEERING







innovation at great height

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Media Kit



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TOP NEWS

Terex suspends work on Konecranes deal
February 20, 2016 | Comments (0)

Terex has suspended all integration work on its merger with Finland's Konecranes [READ MORE »](#)

Nifty telescopic
February 22, 2016 | Comments (1)

Niftylift will unveil an all new telescopic trailer lift concept machine at the Rental Show in Atlanta later today [READ MORE »](#)

A glimpse of ARA
February 22, 2016 | Comments (0)

A glimpses at some of the new products being launched at the ARA/Rental Show which opens later today in Atlanta [READ MORE »](#)











NEWSLETTER

SEND US YOUR NEWS




LATEST NEWS

New York crane laws affecting construction
February 22, 2016 | Comments (0)

Construction companies in New York are being affected by the

EDITORIAL

Finding a new leader

The crane and access industries are both highly specialised, and somewhat incestuous, which can make the job of choosing a new leader for a large company in the sector challenging. [READ MORE »](#)

WORLD TIME

New York	London	Berlin	Tokyo	Sydney
15:17	20:17	21:17	5:17	7:17

[MORE TIME ZONES](#)

February 2016
Vol. 18, Issue 1

[READ ONLINE »](#)

Advertise in Cranes & Access: [MEDIA KIT »](#)

POLL

Who makes the best leader of a specialist crane or access company – manufacturer or rental

☐ An outsider with a commercial background
☐ An outsider accountant
☐ An insider with a commercial background
☐ An insider accountant

[Vote](#)

[SEE RESULTS »](#)






ABOUT

- *Vertikal.net*
- By: The Vertikal Press
- Website

UNIQUE ATTRIBUTES

- World-wide crane, rigging, transport, industry news

www.vertikal.net



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



Dealer Locator | Manitowoc Direct | North America - English (change)

Grove | Manitowoc | National Crane | Potain

Home | Products | Services | Resources | News & Events | Our Company

Home Page > Resources > Tools > Lift-Planning

Lift Planning Tools

3DLiftPlan 

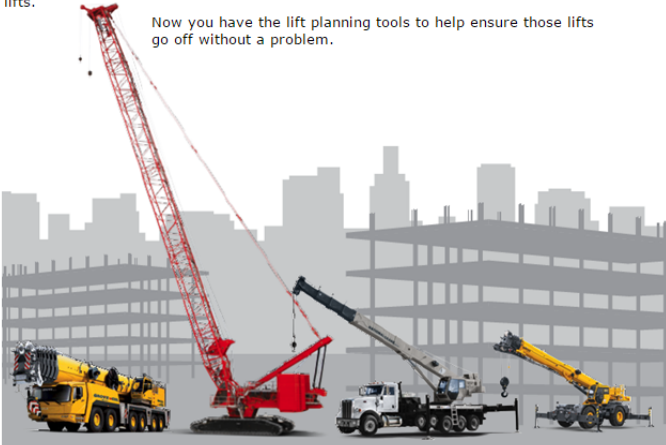
craniMAX

Lift planning tools from Manitowoc

Put our lift planning tools to work for you.

With Manitowoc as your crane partner, you have the equipment for the biggest lifts.

Now you have the lift planning tools to help ensure those lifts go off without a problem.



3D Lift Plan 

Manitowoc cranes are available in the 3D Lift Plan database, allowing you to simulate your next lift ahead of time — and ensure you select the right Manitowoc crane for the job.

Input the weight and dimensions of the object you're lifting, plus the location and size of obstructions at the site and 3D Lift Plan will search the load charts of your crane fleet to determine the most economical crane configuration for the lift. You can use 3D Lift Plan to create printouts and lift video simulations that help you plan your lifts more accurately and efficiently.

Outrigger Pad Load Calculators

ABOUT

- *Manitowoc Library*
- **Manitowoc Cranes**
- **Website/Software**

UNIQUE ATTRIBUTES

- **Outrigger Pad Calculators**
- **Ground Bearing Pressure Software**
- **Cranimax – Crane Manager Software**

manitowoccranes.com



CRANES • RIGGING • LIFT PLANNING • ENGINEERING

Crosby CATALOG HOME INDEX Crosby 2014 General Catalog English (Imperial) ▼

Quality Continuum Wire Rope End Fittings Shackles Sling Saver Fittings Hooks & Swivels Rigging Accessories Chain & Accessories McKissick Sheaves McKissick Blocks Western & Marine Blocks Crosby Lifting Clamps Crosby® Trawllex® Special Products Rigging Information

VALUE ADDED FEATURES 77.pdf 1 / 1

Load Rated
Fatigue Rated
"QT"
QUIC-CHECK®
MAXTOUGH®
ITA
RFID Equipped

Crosby® Screw Pin Shackles

Load Rated **Fatigue Rated** **"QT"** **QUIC-CHECK®** **MAXTOUGH®** **ITA**

SCREW PIN ANCHOR SHACKLES

G-209 / S-209

G-209 Screw pin anchor shackles meet the performance requirements of Federal Specification R56C-271F, Type IVA, Grade A, Class 2, except for those provisions required of the contractor. For additional information, see page 444.

SCREW PIN CHAIN SHACKLES

G-210 / S-210

G-210 Screw pin chain shackles meet the performance requirements of Federal Specification R56C-271F, Type IVB, Grade A, Class 2, except for those provisions required of the contractor. For additional information, see page 444.

- Capacities 1/3 thru 55 metric tons, grade 6.
- Forged - Quenched and Tempered, with alloy pins.
- Working Load Limit and grade "6" permanently shown on every shackle.
- Hot Dip galvanized or Self Colored.
- Fatigue rated.
- Shackles 25t and larger are **RFID EQUIPPED**.
- Shackles can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification. Charges for proof testing and certification available when requested at the time of order.
- Approved for use at -40 degree C (-40 degree F) to 204 degree C (400 degree F).
- 2t through 25t bow and screw pin are Certified to meet Charpy impact testing of 42 joules (31 ft.-lbs.) min. ave. at -20 degree C (-4 degree F).
- All shackles are Quenched and Tempered and can meet DNV impact requirements of 42 joules (31 ft. lbs.) at -20 degree C (-4 degree F).
- Meets or exceeds all requirements of ASME B30.26.
- Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules 1-1-17.7, and ABS Guide for Certification of Cranes.
- Crosby 2t through 25t G-209 anchor shackles are type approved to DNV Certification Notes 2.7-1 -Offshore Containers. These Crosby shackles are statistical proof and impact tested. The tests are conducted by Crosby and 3.1 test certification is available upon request.
- Look for the Red Pin® ... the mark of genuine Crosby quality.

G-209 / S-209 Screw Pin Anchor Shackles

Nominal	Working Load	Stock No.	Weight	Dimensions (in.)	Tolerance
					± 1/4

theCrosbygroup.com 77 of 473 theCrosbygroup

ABOUT

- Crosby 2014 General Catalog
- The Crosby Group

UNIQUE ATTRIBUTES

- Hundreds of product specs

theCrosbygroup.com



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The screenshot shows the Columbus McKinnon Corporation website. At the top, the logo features the letters 'CMCO' in a stylized font, with 'COLUMBUS MCKINNON CORPORATION' underneath. To the right of the logo, it says 'CELEBRATING 140 YEARS'. Further right is a search bar with the placeholder text 'Keyword(s) or Product #' and a 'Search' button. Below the search bar, there are links for 'My Account Log In', 'My Quote Cart: 0 item(s)', and a phone number '(800) 888-0985'. A navigation menu includes links for 'Home', 'Hoists', 'Rigging', 'Cranes', 'Library', 'Industries', 'Brands', 'Training', 'Investor Relations', and 'Contact Us'. Social media icons for LinkedIn, Facebook, Twitter, YouTube, and Instagram are also present. The 'Library' section is highlighted, with a sub-header 'Click on any logo to reveal that brand's library.' Below this, a row of brand logos is displayed: CM HOISTS, CM RIGGING, Yale, SHAW-BOX, ABELL-HOWE, BUDGIT Hoists, Cadby, CHESTER HOIST, COFFING HOISTS, LITTLE MULE, and LodeRail. A horizontal menu bar contains five categories: 'CATALOGS & DIMENSIONAL DRAWINGS', 'CAD DRAWINGS', 'OPERATION & MAINTENANCE MANUALS', 'MEDIA', and 'PARTS BREAKDOWN'. The 'Product Line Catalogs' section lists: CM Chain Wear Gauge, CM Entertainment Full Product Catalog, CM Food Grade Product Catalog, CM Hoist Product Guide, CM Hoist and Trolley Full Catalog, and CM Lodestar & Shopstar Electric Chain Hoist (Wind Edition). The 'Hoist Sales Literature with Dimensional Drawings' section lists: CM AirStar 6 Air Chain Hoist, CM AirStar Air Chain Hoist, CM Bandit Ratchet Lever Hoist (U.S.), CM Bandit Ratchet Lever Hoist (Canada), CM Compensator Electric Chain Hoist, CM Cyclone Army Type Trolley Hoist, CM Cyclone Hand Chain Hoist, CM Lodestar XL Electric Chain Hoist, CM Man Guard Electric Chain Hoist, CM Man Guard Electric Chain Hoist - Canada, CM Man Guard Electric Chain Hoist - Canada (French), CM Oil Field Puller, CM Powerstar Electric Chain Hoist, and CM Puller. On the right side, there is a promotional banner for 'A WALK THROUGH OUR HISTORY SINCE 1875' with a 'CLICK HERE' button. Below this is a section titled 'Ask an Expert FOR PRODUCT & APPLICATION INFORMATION' featuring a photo of a man. Further down are links for 'How to Get a Quote My Quote Cart', 'FIND A CERTIFIED HOIST TECHNICIAN', 'FIND AN AUTHORIZED WARRANTY CENTER', 'FIND A DISTRIBUTOR', 'DISTRIBUTOR WEB', and 'Tradeshows & Upcoming Events' with details for 'Rigging Gear and Sling Inspection' in Charlotte, NC, on Mar 2, 2016.

ABOUT

- *Columbus McKinnon Library*
- *CM*

UNIQUE ATTRIBUTES

- *Product manuals, CAD, Media files*

www.cmworks.com/library



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BARNHART

Minds Over Matter

Google Custom Search

HOME NEWS ABOUT US SERVICES INDUSTRIES OUR EQUIPMENT PROJECTS CONTACT US

BARNHART RESOURCES

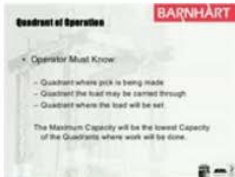
FREE HEAVY LIFT CRANE AND RIGGING RESOURCES

We have posted a number of great resources and videos for you to view for FREE. These resources include a variety of **presentation video**, **videos**, and **white papers** on Heavy Lift Crane, Rigging and other industry related topics. We hope you will take the time to check them out and see how we can be of assistance with your business and projects.

VIDEO PRESENTATIONS



**RIGGING 101 - RIGGING
REDUCTIONS PRESENTATION**
(presentation video)



**CRANE CHART INTERPRETATION
PRESENTATION**
(presentation video)



CRANE LAYOUT PRESENTATION
(presentation video)



**GROUND STABILITY
PRESENTATION**
(presentation video)



**MAJOR COMPONENT
REPLACEMENT**
(presentation video)



**STABILITY DURING RIGGING,
HEAVY HAUL & CONSTRUCTION
ACTIVITIES**
(presentation video)



**REDUCING TIME AND COST
DURING COMPONENT
REPLACEMENT**
(presentation video)

ABOUT

- *Video Library*
- *Heavy Lift Crane & Rigging Resources*
- **Barnhart Crane & Rigging**
- **Website**

UNIQUE ATTRIBUTES

- **70+ engineers in USA contributing to solving complex load handling challenges.**
- **Video presentations, demonstrations, white papers.**

www.barnhartcrane.com



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1-877-MAX-LIFT (1-877-629-5438) | info@maximcrane.com



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All Terrain

Manufacturer	Model	Tonnage	Download
Demag	AC-80-1	100	PDF Download
Demag	AC-350	440	PDF Download
Demag	AC-700	800	PDF Download
Demag	AC-650	800	PDF Download
Grove	GMK-3055	60	PDF Download
Grove	GMK-4100B/4080B	100	PDF Download
Grove	GMK-4115	115	PDF Download
Grove	GMK-5120-B/5100-1	120	PDF Download
Grove	GMK-5150B/5130	165	PDF Download
Grove	GMK-5165/5130-1	165	PDF Download
Grove	GMK-5210/5180	210	PDF Download
Grove	CMK-5240/5200	240	PDF Download
Grove	GMK-6250/6220	250	PDF Download
Grove	GMK-5275	275	PDF Download
Grove	GMK-6350B/6300	300	PDF Download
Grove	GMK-6350	350	PDF Download
Grove	GMK-6300L	350	PDF Download
Grove	GMK-6400	450	PDF Download
Grove	GMK-7550/7450	550	PDF Download

Choose Ma:



We are the la
in the United

ABOUT

- *Maxim Cranes Load Charts*
- By: Maxim Cranes
- Website

UNIQUE ATTRIBUTES

- Many load charts, digitally, in one place

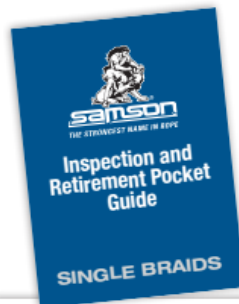
www.maximcrane.com/load-charts



SAMSON TECHNICAL BULLETIN

Published Date: August 2013

Inspection & Retirement Pocket Guide



A NEW WAY TO TALK ABOUT SYNTHETIC ROPES

The visual inspection of synthetic ropes before use is critical in most industrial applications. The residual strength of a rope, the prime indicator of its useful and safe remaining working life, must be assessed before committing the rope to continued use. With high-performance synthetics like HMPE replacing steel-wire ropes in many applications, the need for a method to determine the state of a rope is more critical than ever before. The problem is that there is no common, standardized language or reference scale to describe the state of a rope. To date, judgment on the state of the rope has required a synthetic rope expert to complete an inspection on-site. The alternative is removing the rope from service and testing the rope to destruction in order to evaluate residual strength.

Cut Strands	Compression	Pulled Strand	Melted or Glass Fiber	Discoloration/Degradation	Inconsistent Diameter	Abrasion
REPAIR OR RETIRE	NOT PERMANENT—REPAIR	NOT PERMANENT—REPAIR	REPAIR OR RETIRE	REPAIR OR RETIRE	REPAIR OR RETIRE	REPAIR OR RETIRE
WISAT > Two or more cut strands in proximity	WISAT > Visible shows	WISAT > Strand pulled away from the rest of the rope	WISAT > Frayed fibers	WISAT > Frayed fibers	WISAT > Flat areas	WISAT > Broken filaments and parts
CAUSES > Abrasion	> Strands reduced by being the rope	> Is not cut or otherwise damaged	> Using abrasion and contact with, for example, sharp edges	> Spills and leaks	> Loose and large	> Abrasion
> Sharp edges and surfaces	> Fiber rubbing heat to the surface	> Bumping on equipment or surface	> Chemical degradation	> Chemical contamination	> Strands breaking	> Sharp edges and surfaces
CORRECTIVE ACTION	CORRECTIVE ACTION	CORRECTIVE ACTION	CORRECTIVE ACTION	CORRECTIVE ACTION	CORRECTIVE ACTION	CORRECTIVE ACTION
If possible, remove affected section and replace with a standard undamaged rope. If replacing is not possible, retire the rope.	> Fiber rubbing heat to the surface	> Bumping on equipment or surface	> Using abrasion and contact with, for example, sharp edges	> Spills and leaks	> Loose and large	> Abrasion
	> Fiber rubbing heat to the surface	> Bumping on equipment or surface	> Using abrasion and contact with, for example, sharp edges	> Spills and leaks	> Loose and large	> Abrasion

The Pocket Guide includes information on proper rope inspection techniques and corrective action steps.

The Samson Inspection and Retirement Pocket Guide is designed to alleviate this problem by establishing a common language and a reference scale to describe the current state of a rope. The Pocket Guide is based on a statistical analysis of several years of lab testing reports of ropes used

Cutting is characterized as a highly concentrated density of broken filaments localized in one or several strands at one particular position on the rope. Cutting is generally easier to assess than abrasion in terms of the volume of broken filaments in relation to the size of the rope.

ABOUT

- *Inspection & Retirement Guide*
- Samson Rope

UNIQUE ATTRIBUTES

- Comprehensive guide to HMPE rope usage, inspection and retirement

www.samsonrope.com



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TADANO
TADANO America Corporation
Lifting your dreams

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Product Support

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- Parts
- Service Team
- Product Resources
 - Telematics: HELLO-NET
 - Self-Service Parts
 - Outrigger Reaction Forces
 - CAD Models
 - Current Specifications
 - Discontinued Specifications
- Training

Product Resources

HELLO-NET Telematics

- HELLO-NET Login**
This telematics-based internet website provides customers with machinery management information. Read more about [this service here](#). If you're having trouble logging in, this document explains security change settings that may be causing the problem.

Parts

- Web Portal**
Log into our self-service system, Web Portal, for parts availability, pricing, and ordering. If you currently do not have access to the system, please fill out the form to the left or email tac.parts@tadano.com.

ABOUT

- *Tadano Product Resources*
- Tadano
- Website

UNIQUE ATTRIBUTES

- Telematics, foundation loading (outrigger reaction forces), CAD Models and other resources

tadanoamerica.com



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The screenshot shows the NCCCO website with a yellow header and a green sidebar. The main content area is white. The header includes the NCCCO logo and navigation links. The sidebar lists various resources. The main content area features a 'CERTIFICATION QUICK LINKS' table, a 'HANDBOOKS & FORMS' section with a note about Acrobat Reader, and a list of candidate handbooks.

NATIONAL COMMISSION FOR THE CERTIFICATION OF CRANE OPERATORS (NCCCO)

HOME | HANDBOOKS & FORMS | CCO STORE | CONTACT US | LOGIN | SEARCH

CERTIFICATION QUICK LINKS	
MOBILE CRANE OPERATOR	BOOM TRUCK OPERATOR
TOWER CRANE OPERATOR	OVERHEAD CRANE OPERATOR
DIGGER DERRICK OPERATOR	SIGNALPERSON
CRANE INSPECTOR	LIFT DIRECTOR

HANDBOOKS & FORMS

NOTE: You must have the [Acrobat Reader](#) to view the following PDF files. Click on the icon on the right to download a copy of the Acrobat Reader. After you download and install a copy, return to this page and click on the links below.

Please select the forms you wish to download. All candidates should receive a copy of the entire Candidate Handbook before applying. [Test Site Coordinators](#) should familiarize themselves with the entire contents of the Written Examination Test Site Coordinator Handbook and the Practical Examination Test Site Coordinator Handbook prior to scheduling an examination.

If you have trouble downloading any forms, please [contact NCCCO](#).

Candidate Handbooks - All Programs

- [Mobile Crane Operator Candidate Handbook](#) revised 1115
- [Tower Crane Operator Candidate Handbook](#) revised 1115
- [Overhead Crane Operator Candidate Handbook](#) revised 1115

ABOUT

- *NCCCO Website*
- National Commission for the Certification of Crane Operators
- Website

UNIQUE ATTRIBUTES

- Deep material on knowledge domains for operators, riggers, inspector, lift directors and more.

nccco.org



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The screenshot shows the OSHA website interface. At the top is the United States Department of Labor logo and name. Below that is a search bar and navigation links like 'A to Z Index', 'En Español', 'Contact Us', 'FAQs', and 'About OSHA'. The main header includes 'OSHA' and social media links. The navigation menu lists 'Home', 'Workers', 'Regulations', 'Enforcement', 'Data & Statistics', 'Training', 'Publications', 'Newsroom', 'Small Business', and 'Anti-Retaliation'. The 'Standard Interpretations' section is active, showing a search bar and a list of links for standard 1926, including 'Table of Contents', 'Scope of subpart', 'Coverage under section 103 of the act distinguished', 'Reorganization Plan No. 14 of 1950', 'Interpretation of statutory terms', 'Rules of construction', 'General safety and health provisions', 'Safety training and education', 'Housekeeping', and 'Personal protective equipment'.

ABOUT

- *OSHA 1926*
- Website/Regulations

UNIQUE ATTRIBUTES

- US Law governing construction activities.

www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=INTERPRETATIONS&p_toc_level=2&p_keyvalue=1926&p_status=CURRENT



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Members: 8,400



4,000



150



2,100



9,000



6,000



Cranes and Hoist Professionals

21,000



8,300



6,400



20,000



Lifting & Rigging

17,000



500



1,100



1,600



650

ABOUT

- *Various LinkedIn Groups*
- *Website*

UNIQUE ATTRIBUTES

- Tens of thousands of people worldwide, interested and discussing issues about cranes, rigging, and lifting.

www.linkedin.com search “cranes”, “rigging”



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IRON PLANET Shop By Category Search over 6,400 items for sale... Upcoming Auctions

Refine Results **58 items for Cranes - Mobile**

Type
Any type
Cranes - Mobile (58)
All Terrain Crane (5)
Carry Deck Crane (5)
Hydraulic Truck Crane (10)
Lattice-Boom Truck Crane (4)
Rough Terrain Crane (34)

IronClad Assurance
No (7)
Yes (51)

Make
American (1)
Badger (1)
Broderson (1)
Copa (2)
Demag (2)
Dresser (3)
Fuchs (1)
Gallion (6)
Grove (12)
Krupp (2)
Link-Belt (12)
P & H (1)
PPM (2)
Pettibone (1)
Shuttlelift (3)
Tadano (3)
Terex (4)
Show more

Model
140.4 (1)
150F (3)
150FA (5)
180.4 (1)
180GMT (1)
4455 (1)
5540 (2)
5560RT (1)
A/S 32M-14 (1)
A400 (1)
AC50-1 (1)
ATT400 (1)
CN115 (1)
Derrick Crane (1)

For Sale (58) Sold (255) Save this search

View as: Add your location Sort by: Best Match

 1990 Link-Belt HSP-8030 Rough Terrain Crane US \$19,000 Daily Marketplace California Meter Reading: 10,281 Hours ☐ Compare	 1999 Shuttlelift 5540 Carry Deck Crane US \$13,500 Feb 25 Illinois Meter Reading: 5,347 Hours ☐ Compare	 1998 Grove TM9100 Hydraulic Truck Crane US \$168,000 Daily Marketplace Pennsylvania Meter Reading: 4,351 Hours ☐ Compare	 1986 Krupp 180GMT All Terrain Crane US \$174,000 Daily Marketplace West Virginia Meter Reading: See Report ☐ Compare	 1980 Grove RT518 Rough Terrain Crane Coming Soon Mar 10 Arizona Meter Reading: 1,964 Hours ☐ Compare
 Grove Rough Terrain Crane US \$4,000 Feb 25 New York Meter Reading: 7,980 Hours ☐ Compare	 2008 Broderson IC-200-3F Carry Deck Crane US \$30,000 Mar 3 North Carolina Meter Reading: 3,602 Hours ☐ Compare	 2000 Shuttlelift 5560RT Carry Deck Crane Coming Soon Daily Marketplace Ohio Meter Reading: 4,267 Hours ☐ Compare	 Krupp KMK4070 All Terrain Crane US \$70,000 Daily Marketplace New Jersey Meter Reading: 8,018 Hours ☐ Compare	 1981 Grove RT58C Rough Terrain Crane US \$4,250 Mar 3 Georgia Meter Reading: 131 Hours ☐ Compare

ABOUT

- *Iron Planet*
- Auction Website

UNIQUE ATTRIBUTES

- Large online auction site for heavy equipment.

ironplanet.com



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The screenshot displays the Ritchie Bros. EquipmentOne website. At the top, navigation links include "EquipmentOne", "About Us", "Contact Us", and "United States - English". The Ritchie Bros. Auctioneers logo is on the left, and "Sign In" and "Create an Account" buttons are on the right. A main navigation bar contains links for "Home", "Current Inventory", "Auction Results", "Auctions", "Buying", "Selling", and "Financing". Below this is a search bar with the text "Search over 55,073 items in inventory" and a "Search Equipment" button. A sidebar on the left lists equipment categories with item counts: Construction (13725), Agriculture (9530), Trailers (6366), Transport Trucks (3672), Vehicles & Buses (2330), Vocational Trucks (6542), Forestry & Environmental (9445), Lifting & Material Handling (5936), Oil, Gas, Power & Utility (5148), Asphalt & Concrete (5362), and Drilling & Mining (4880). The main content area features a large image of yellow excavators with the text "Where the world buys & sells heavy equipment." To the right of this image are two promotional banners: one for "RITCHIE BROS. EQUIPMENT ONE" with a "TOTAL BUYER PROTECTION" seal and the text "ANOTHER GREAT WAY TO BUY & SELL", and another announcing the acquisition of Mascus. At the bottom, a large banner reads "SPECIAL LIMITED-TIME FINANCING OFFER NO PAYMENTS FOR 90 DAYS".

EquipmentOne | About Us | Contact Us | United States - English

rb RITCHIE BROS.
Auctioneers

Sign In Create an Account

Home Current Inventory Auction Results Auctions Buying Selling Financing

Search over 55,073 items in inventory Search Equipment More Search Options

Construction (13725)
Agriculture (9530)
Trailers (6366)
Transport Trucks (3672)
Vehicles & Buses (2330)
Vocational Trucks (6542)
Forestry & Environmental (9445)
Lifting & Material Handling (5936)
Oil, Gas, Power & Utility (5148)
Asphalt & Concrete (5362)
Drilling & Mining (4880)

Sell equipment, hassle free
Get Started Today

Where the world buys & sells heavy equipment.

RITCHIE BROS. EQUIPMENT ONE
ANOTHER GREAT WAY TO BUY & SELL
Items sell daily! Visit [EquipmentOne.com](#)

Ritchie Bros. announces the acquisition of Mascus.
Get the details

rb RITCHIE BROS. MASCUS

SPECIAL LIMITED-TIME FINANCING OFFER
NO PAYMENTS FOR 90 DAYS

ABOUT

- *Ritchie Bros.*
- Auction Website

UNIQUE ATTRIBUTES

- Large online auction site for heavy equipment.

rbauction.com



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Sign In  Create Account  Cart



Specialized Carriers & Rigging Association

WHO WE ARE

JOIN

ADVOCACY

EVENTS

MEMBERSHIP

STORE

RESOURCES



Industry and Safety
Awards

Enter by March 15



Enter here

ABOUT

- SC&RA
- Association

UNIQUE ATTRIBUTES

- 1,300+ Members

www.scranet.org



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *Association of Crane & Rigging Professionals*

UNIQUE ATTRIBUTES

- For educating crane and rigging instructors and leaders

www.acrp.net



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ASSOCIATED WIRE ROPE FABRICATORS
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Call Now: 248-994-7753

HOME

ABOUT AWRF

BECOME A MEMBER

EVENTS

MEMBERS ONLY

NEWS

CONTACT US

SLINGMAKERS MAGAZINE



ABOUT

- *Associated Wire Rope Fabricators*

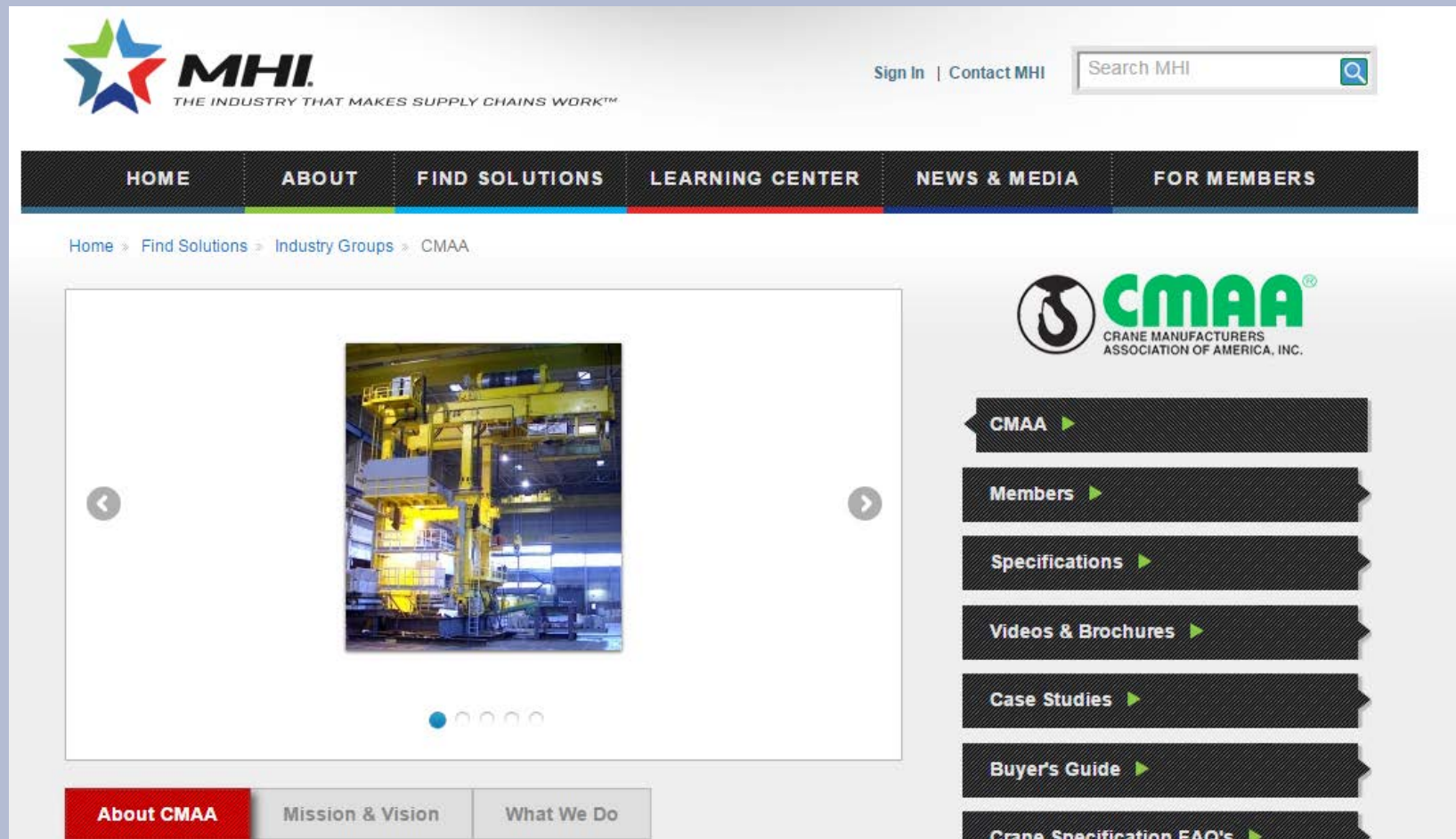
UNIQUE ATTRIBUTES

- Home to distributors and manufacturers of rigging

www.awrf.org



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ABOUT

- *Material Handling Industry & Crane Manufacturers Association of America*

UNIQUE ATTRIBUTES

- EOCI (1927); promotes standardization of crane

www.mhi.org/cmaa



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ASSOCIATION OF
EQUIPMENT MANUFACTURERS

About | Calendar | Contact | Pictorials | Member Product Locator |  |  Login

SEARCH

Membership | AEM Groups | News | Global Business Development | Advocacy & Legislation | Safety, Regulatory & Technical | Education & Training | Store | Market Information | Trade Shows



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- AGRICULTURE
- CONEXPO LATIN AMERICA
- FORESTRY
- MINING
- UTILITY

MARKET INFORMATION

Despite China's Challenges, Market Prospects Still Strong

The Chinese construction machinery market in 2016 is foreseen with more challenges – as well as more opportunities – than ever before.



2/22/2016



I Make America
Dedicated to furthering the interests of our member manufacturing companies by advocating for policies that strengthen our industry and economic vitality.

► [Learn More](#)

CALENDAR OF UPCOMING EVENTS

ABOUT

- *Association of Equipment Manufacturers*

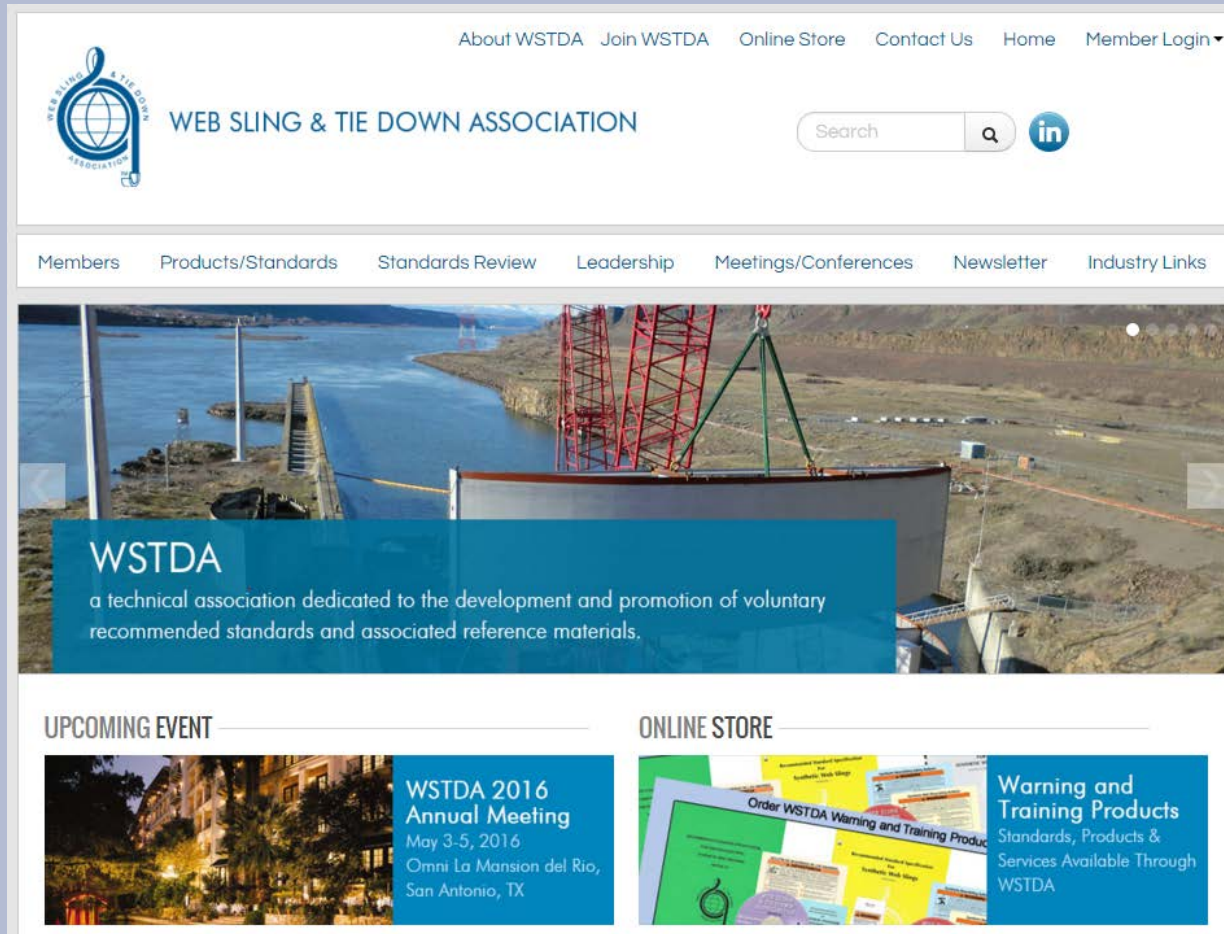
UNIQUE ATTRIBUTES

- 850+ Members, 200+ Product Lines

www.aem.org



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



The screenshot shows the WSTDA website homepage. At the top, there is a navigation bar with links: About WSTDA, Join WSTDA, Online Store, Contact Us, Home, and Member Login. Below this is the WSTDA logo, which features a stylized globe with a crane hook and the text 'WEB SLING & TIE DOWN ASSOCIATION'. To the right of the logo is a search bar and a LinkedIn icon. Below the navigation bar is a horizontal menu with links: Members, Products/Standards, Standards Review, Leadership, Meetings/Conferences, Newsletter, and Industry Links. The main content area features a large banner image of a construction site with a red crane lifting a large metal structure. Overlaid on the banner is a blue box with the text 'WSTDA' and a description: 'a technical association dedicated to the development and promotion of voluntary recommended standards and associated reference materials.' Below the banner are two sections: 'UPCOMING EVENT' and 'ONLINE STORE'. The 'UPCOMING EVENT' section features a photo of a building at night and text about the 'WSTDA 2016 Annual Meeting' held from May 3-5, 2016, at the Omni La Mansion del Rio in San Antonio, TX. The 'ONLINE STORE' section features a photo of WSTDA products and text about 'Warning and Training Products' available through the association.

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About WSTDA Join WSTDA Online Store Contact Us Home Member Login

WEB SLING & TIE DOWN ASSOCIATION

Search

Members Products/Standards Standards Review Leadership Meetings/Conferences Newsletter Industry Links

WSTDA
a technical association dedicated to the development and promotion of voluntary recommended standards and associated reference materials.

UPCOMING EVENT

WSTDA 2016 Annual Meeting
May 3-5, 2016
Omni La Mansion del Rio,
San Antonio, TX

ONLINE STORE

Order WSTDA Warning and Training Products

Warning and Training Products
Standards, Products &
Services Available Through
WSTDA

ABOUT

- *WSTDA*
- Association

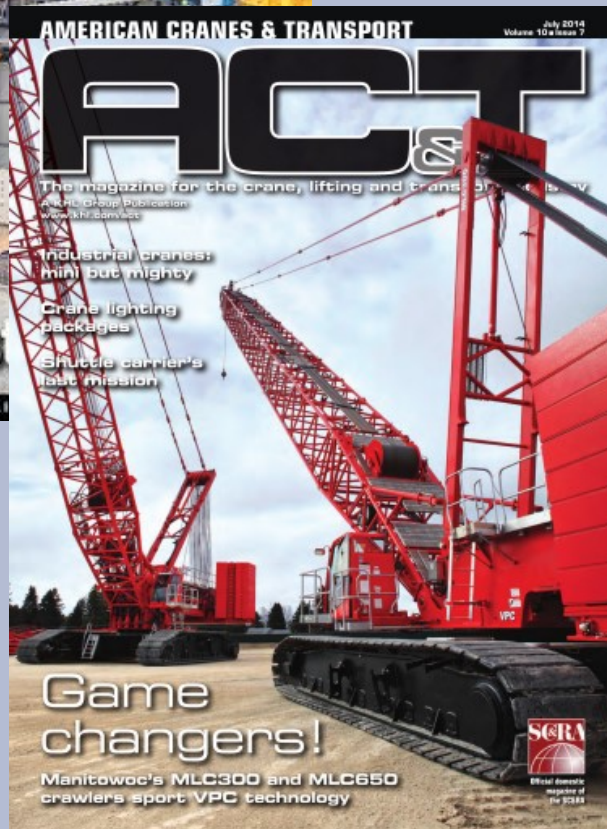
UNIQUE ATTRIBUTES

- Synthetic sling manufacturers and technical body.

wstda.com



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *International Cranes*
- *American Cranes & Transport*
- By: KHL Group
- Magazine (Monthly)
- Free: Advertiser-Paid

UNIQUE ATTRIBUTES

- Industry News
- Official Publications of SC&RA
- KHL Sourcebook
- *Top 100* Lists

www.khl.com



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *Crane Hot Line*
- By: Heartland Construction
- Magazine (Monthly)
- Free: Advertiser-Paid

UNIQUE ATTRIBUTES

- Industry news
- Large crane dealer, sales, and accessories marketplace

www.cranehotline.com



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *Wire Rope Exchange*
- Magazine (Monthly)
- Free: Advertiser-Paid

UNIQUE ATTRIBUTES

- Began as overstock catalog
- Large product/services section

www.wireropeexchange.com



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HEAVY LIFT & PROJECT FORWARDING INTERNATIONAL Issue: 34 September/October 2013

Keeping tabs on a global market

**Also in this
bumper
issue
of HLPFI:**
project focus,
EPC and new
appointments
as well as legal,
safety and
insurance
information

- Energy drives US market
- Industrial relocation brings new life
- Project cargo insurance overview
- Germany: the European powerhouse
- Building an airport on St Helena

**PLUS: Ports &
Terminals
supplement**

ABOUT

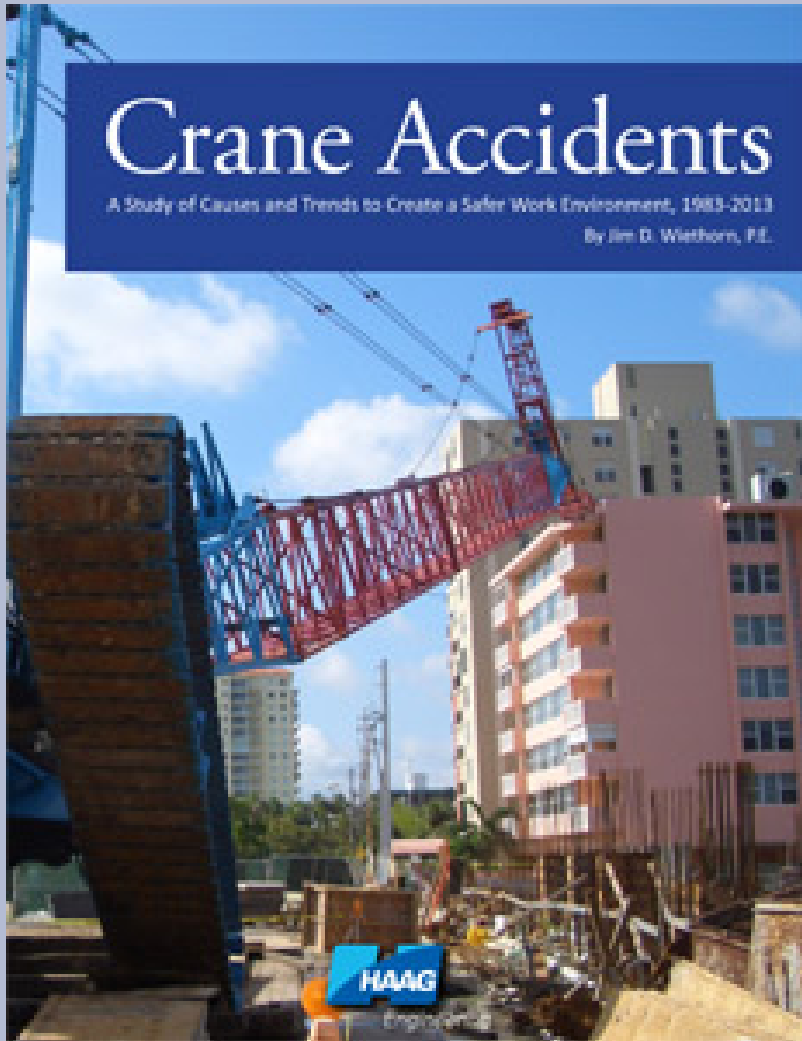
- *Heavy Lift & Project Forwarding*
- By: HLPFI Ltd.
- Magazine (Monthly)
- Free: Advertiser-Paid

UNIQUE ATTRIBUTES

- Over-dimensional heavy cargo logistics

www.heavyliftpfi.com





ABOUT

- *Crane Accidents: A Study of Causes and Trends to Create a Safer Work Environment, 1983-2013*
- By: Jim Wiethorn, P.E.
- Book
- \$249

UNIQUE ATTRIBUTES

- Most comprehensive analysis on crane and rigging accidents in the world.

iti.com/bookstore



CRANES • RIGGING • LIFT PLANNING • ENGINEERING

Rigging Engineering Basics

J. Keith Anderson

A practical guide for:

- Lift Directors
- Lift Planners
- Rigging Engineers
- Site Superintendents
- Field Engineers
- Rigging Foremen
- Heavy Lift Managers
- Heavy Haul Planners
- Crane Operators
- Advanced Riggers

ABOUT

- *Rigging Engineering Basics*
- By: Keith Anderson, BDES
- Book
- \$139

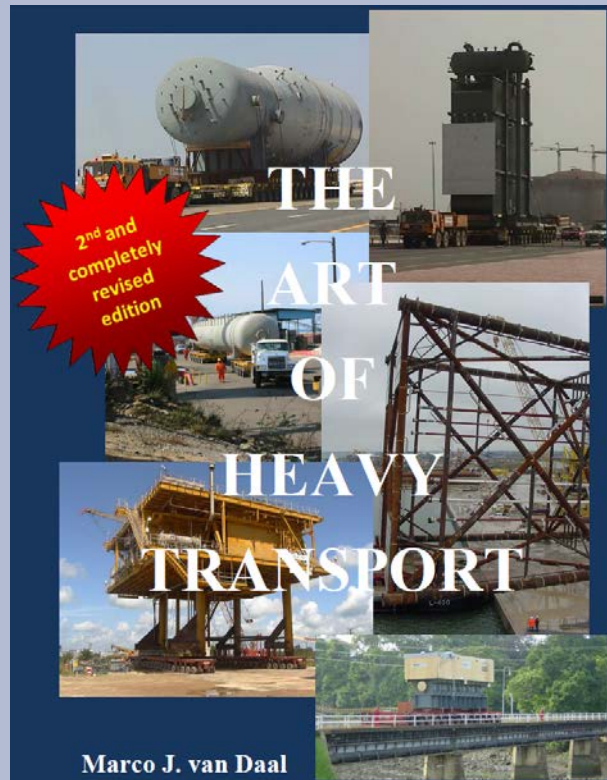
UNIQUE ATTRIBUTES

- Most comprehensive book on the subject of rigging engineering.
- Written by world-leading rigging engineer – Chief Rigging Engineer, Bechtel



iti.com/bookstore

CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *The Art of Heavy Transport and Field Reference Card*
- By: Marco J. van Daal
- Book
- \$199

UNIQUE ATTRIBUTES

- Most comprehensive book on the subject of specialized transport.
- Written by world-leading rigging and transport engineer.



iti.com/bookstore

CRANES • RIGGING • LIFT PLANNING • ENGINEERING



Guide to Mobile Crane Safety Management

Edited and Published by



Specialized
Carriers
& Rigging
Association

by Ronald M. Kohner, P.E.
and Robert M. Hontz

ABOUT

- *Guide to Mobile Crane Safety Management*
- By: Ronald Kohner, P.E. and Robert Hontz
- Book
- \$199 (\$99 SC&RA Members)

UNIQUE ATTRIBUTES

- Designed for crane owners to manage cranes for safety and performance.
- Rebirth of *Exxon Crane Guide*

iti.com/bookstore





MOBILE CRANE SUPPORT HANDBOOK

DAVID DUERR

ABOUT

- *Mobile Crane Support Handbook*
- By: David Duerr
- Book
- \$39

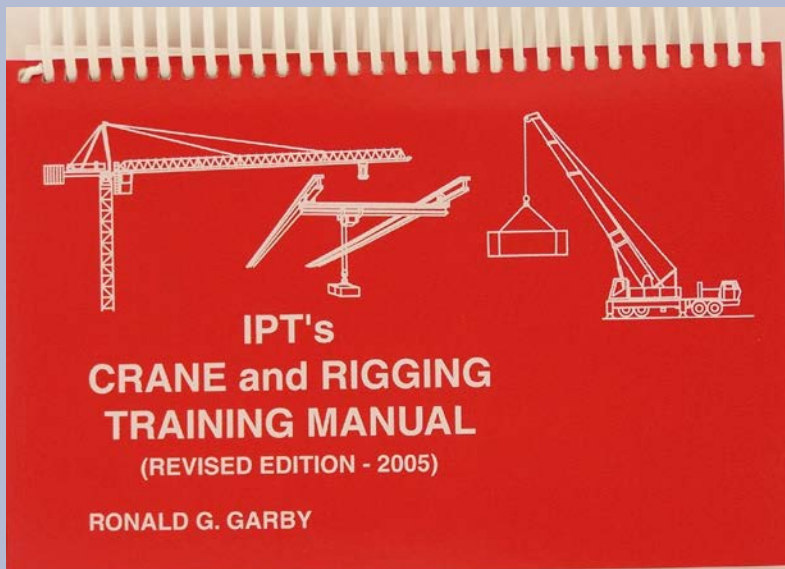
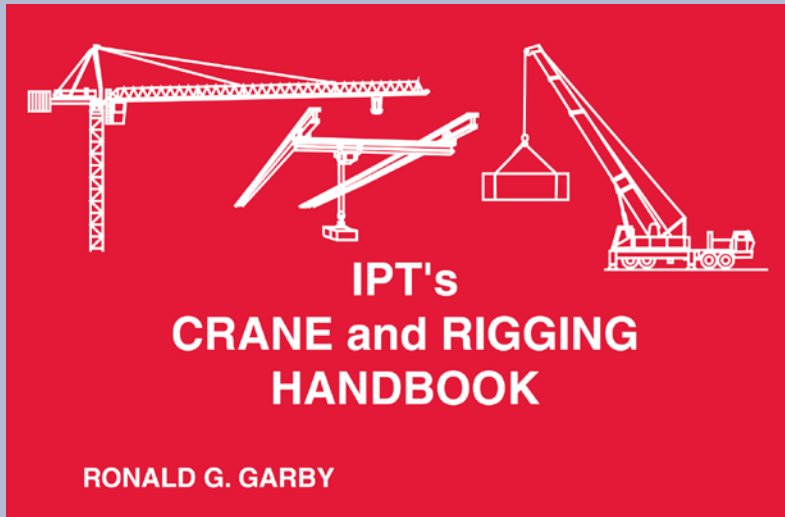
UNIQUE ATTRIBUTES

- Most comprehensive analysis on supporting mobile cranes and foundation loading.

iti.com/bookstore



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- ***IPT's Crane & Rigging Handbook***
- ***IPT's Crane & Rigging Training Manual***

- **By: Ronald Garby**
- **Magazine (Monthly)**
- **Free: Advertiser-Paid**

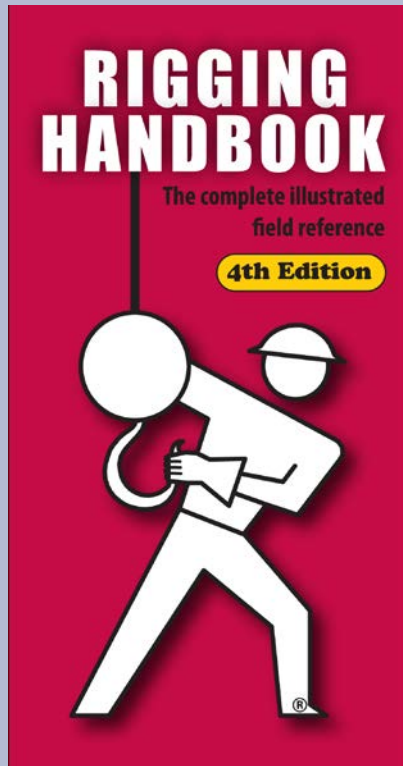
UNIQUE ATTRIBUTES

- **Industry news**
- **Large crane dealer, sales, and accessories marketplace**



iti.com/bookstore

CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *Rigging Handbook*
- *Rigging Pocket Guide*
- By: Jerry Klinke
- Book & Pocket Guide

UNIQUE ATTRIBUTES

- Most popular rigging handbook available.

iti.com/bookstore



CRANES and DERRICKS

FOURTH EDITION



LAWRENCE K.
SHAPIRO

JAY P.
SHAPIRO

ABOUT

- *Cranes & Derricks*
- By: Lawrence Shapiro, Jay Shapiro
- Book
- \$99.95

UNIQUE ATTRIBUTES

- Fourth Edition, initially authored by Howard Shapiro.
- Comprehensive crane setup and rigging engineering book.

iti.com/bookstore



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ABOUT

- *ASME B30 Series**
- By: ASME
- Industry Standards (Books)
- Various Prices

UNIQUE ATTRIBUTES

- North America Standard for use of this equipment.
- Authored by dozens of volunteer, subject-matter experts.

iti.com/bookstore

*Shortened Title.



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SAFETY CODES AND STANDARDS

LEXICON

May 17, 2012

D/d ratio – B30.9
the relationship between the curvature upon which the sling is used (D) and the nominal sling diameter (d).

daily – B30.25
a work shift consisting of a period of 10 hours or less usage within a 24-hour day.

danger – B20.1
a combination of hazard and risk (see hazard and risk)

damper – CSD-1
a valve or plate for regulating combustion air or flue gases

davit – A120.1
a device to support a scaffold as outlined in para. 3.5.

ABOUT

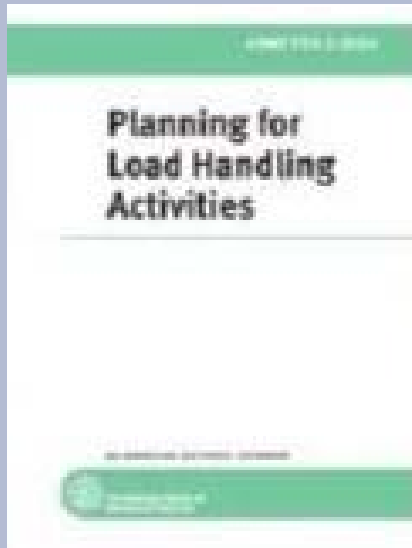
- *ASME Safety Codes & Standards Lexicon*
- By: ASME
- MS-Word File
- Free

UNIQUE ATTRIBUTES

- Comprehensive dictionary of over 1,500 terms in ASME Standards

<https://cstools.asme.org/csconnect/FileUpload.cfm%3FView%3Dyes%26ID%3D45179+&cd=1&hl=en&ct=clnk&gl=us>





ABOUT

- *ASME P30.1 Planning for Load Handling Activities*
- By: ASME
- Industry Standard (Book)
- \$72

UNIQUE ATTRIBUTES

- North America Standard for planning for load handling activities.
- Authored by dozens of volunteer, subject-matter experts.

iti.com/bookstore



CRANES • RIGGING • LIFT PLANNING • ENGINEERING

ANSI/ASSE Z490.1 – 2016



AMERICAN NATIONAL STANDARD

ANSI/ASSE Z490.1 – 2016
Criteria for Accepted Practices in Safety,
Health and Environmental Training

American National Standard



AMERICAN SOCIETY OF
SAFETY ENGINEERS

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ANSI/ASSE Z490.1 – 2016

ABOUT

- *ANSI/ASSE Z490.1 Criteria for Accepted Practices in Safety, Health and Environmental Training*
- By: ANSI
- Industry Standard (Book)
- \$72

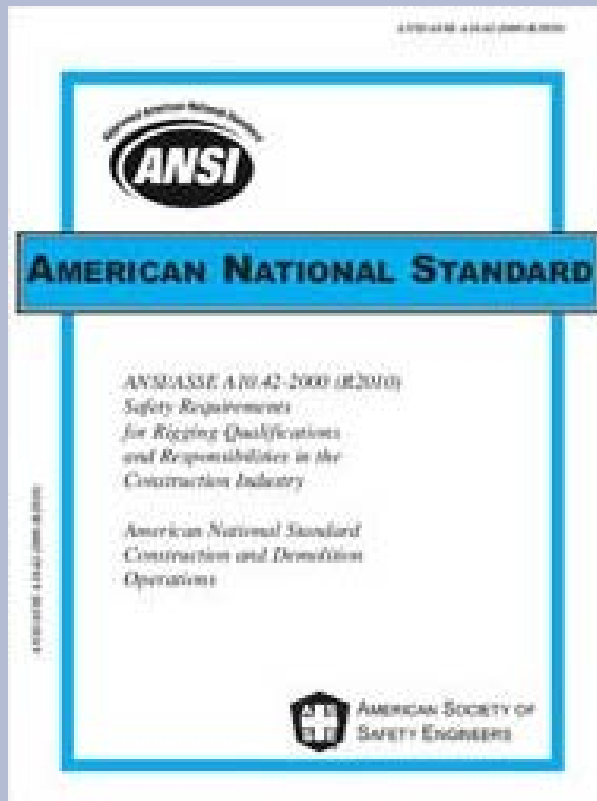
UNIQUE ATTRIBUTES

- ANSI Standard on best practices for instructional design and delivery of training.

asse.org



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- **ANSI/ASSE A10.42-2000 Safety Requirements for Rigging Qualifications & Responsibilities**
- **By: ANSI**
- **Industry Standard (Book)**
- **\$97 (\$77 Member)**

UNIQUE ATTRIBUTES

- **Comprehensive rigging qualifications analysis and standard by ANSI.**

asse.org



Graphical Report Of The Ultra-Violet (UV) Degradation Testing Program For Synthetic Web Slings



WSTDA-UV-MM

\$50.00

ABOUT

- *UV Degradation Report**
- By: WSTDA
- Book
- \$50

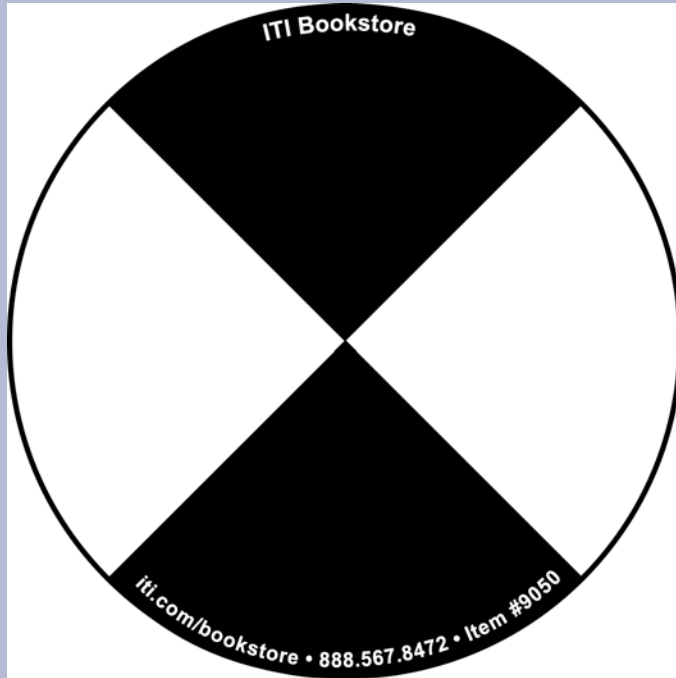
UNIQUE ATTRIBUTES

- Comprehensive, graphical display of UV testing outcomes of web slings made from synthetic fibers.

iti.com/bookstore

*Shortened title.





ABOUT

- *Center of Gravity Magnet*
- By: ITI
- Steel Magnet
- \$2

UNIQUE ATTRIBUTES

- Practical resource used to label the CG of a load.

iti.com/bookstore

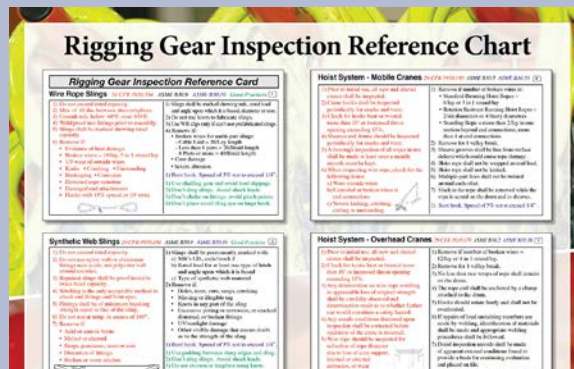
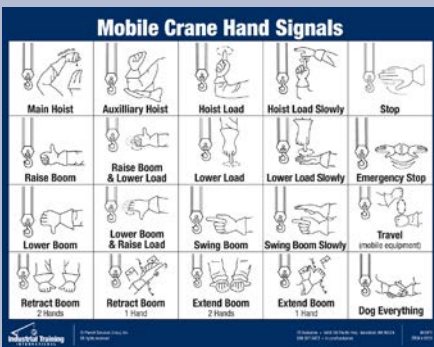


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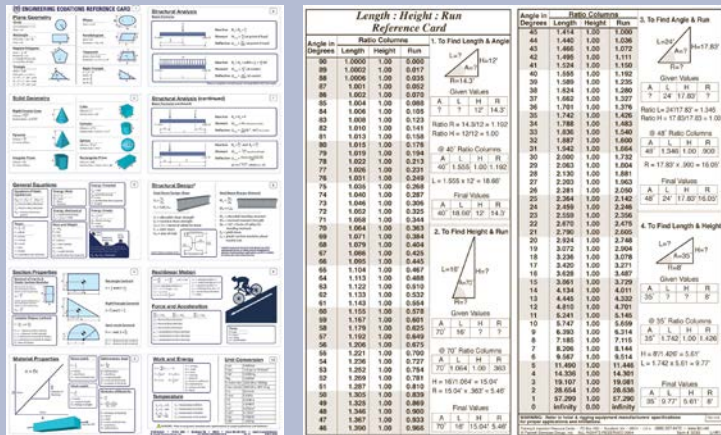
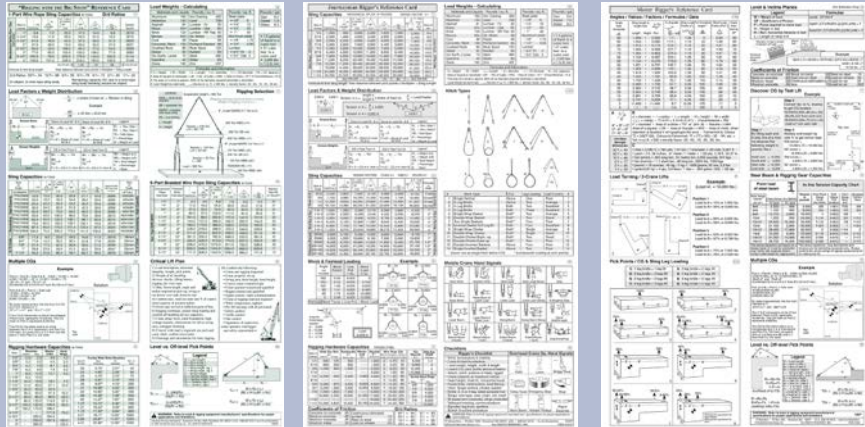
ABOUT

- *Misc. Reference Posters*
 - *By: ITI, WSTDA, and more*
 - *Posters*
- ## UNIQUE ATTRIBUTES
- *Large scale information for shops and facilities.*

iti.com/bookstore



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



ABOUT

- *Rigging Reference Cards*
- By: ITI
- \$5.95



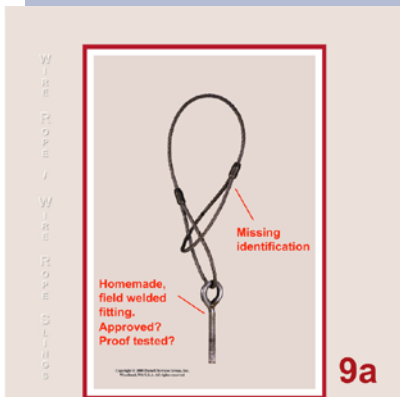
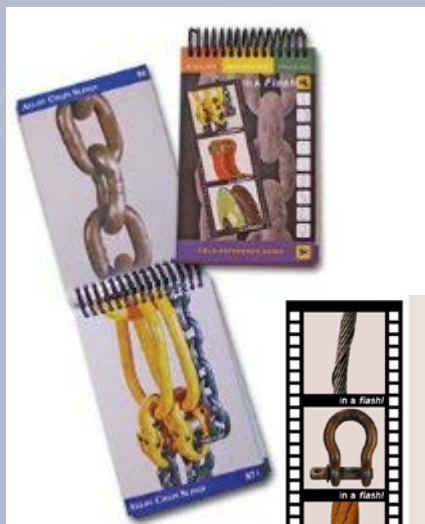
UNIQUE ATTRIBUTES

- Over 3 million sold
- Most widely used field reference card for rigging, inspection, mobile cranes, and more.

iti.com/bookstore



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



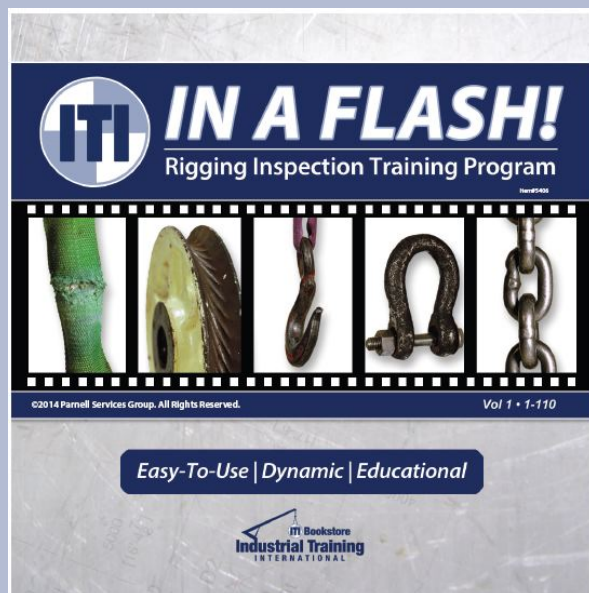
ABOUT

- *In a Flash! Rigging Inspection Training Program*

- By: ITI
- Book & PowerPoint

UNIQUE ATTRIBUTES

- Best self-paced rigging visual rigging inspection reference and training program.



iti.com/bookstore



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World Crane Week: Wolffs on tallest tower - Message (HTML)

FILE MESSAGE ADOBE PDF

Ignore Delete Reply Reply All Forward More Meeting WH-FY at ITI To Manager Team Email Move Move OneNote Assign Policy Categorize Mark Unread Translate Related Select Find Zoom Zoom

Tue 1/19/2016 3:53 AM

World Crane Week <wcrw@khl-mail.com>

World Crane Week: Wolffs on tallest tower

To: Zack Parnell

[Best viewed in a web browser](#)

KHL's Worldcraneweek

Global news from *International Cranes and Specialized Transport* and *American Cranes & Transport*

TOP STORY



Wolffs on tallest tower

More than a dozen Wolff tower cranes are working on the construction of Saudi Arabia's Jeddah Tower, claimed to be the world's tallest skyscraper...

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Welcome on KOBELCO outdoor stand
FN 817 / 1+3 at BAUMA

CRANE NEWS



MKG adds to large articulating crane range

Articulating crane manufacturer MKG in Germany has added the HLK 801 HP to its heavy crane range...

[View article »](#)



Maxim ups capacity with Manitowoc

The USA's largest crane rental company, Maxim Crane, is boosting its fleet with the addition of large Manitowoc crawler cranes, between 400 and 825 U...

[View article »](#)

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ASSOCIATION OF NORTH AMERICAN CRANE MANUFACTURERS AND RENTERS

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Multi-Million Dollar Offering!
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CRAWLER CRANES & ATTACHMENTS



IS NOW A



ABOUT

- *World Crane Week*
- By: KHL Group
- eNewsletter (weekly)
- Free: Advertiser-Paid

UNIQUE ATTRIBUTES

- Worldwide crane-related news breaks

khl.com



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Home

Since May 2008,
I presented a total of 95 Seminars in 25 countries:

	No.	Participants
Seminars in 2008	9	208
Seminars in 2009	25	528
Seminars in 2010	11	281
Seminars in 2012	6	185
Seminars in 2013	16	368
Seminars in 2014	13	381
Seminars in 2015	15	307
Total	95	2258

Sponsors of Seminars & Websites


























Scheduled for 2016 are the following public Seminars:



Subscribe below to my Free Articles on Heavy "Transport & Lifting" You then will receive a link every 2 weeks for one of my 55 Articles on "Heavy Transport & Lifting" TRY IT OUT NOW! If you do not like it you can always unsubscribe.

Email address

First name

Last name

Company

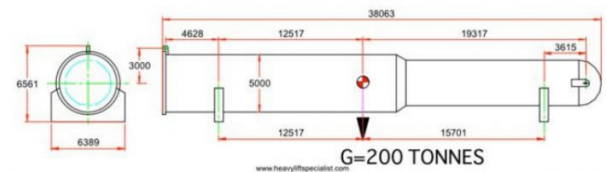
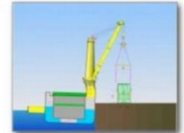
Country

Security code

2. Estimation of Weights of Loads



- Ratio between Volume and Weight
- A Transformer of 8 x 2,5 x 4 m weighs i.e. **200 Ton** (Volume = 80 m³) The weight is here the measuring factor and we call this **200 Frts** (= Freight tons)
- A Module of 25 x 10 x 12 m and a weight of **300 Ton** is: Volume = 3000 m³. This Module is now accounted for as **3000 Frts**, because in this case the **volume is the measuring factor**
- At estimating shipping rates for cargo, one should at all times first ask for the **overall dimensions** of the cargo, **inclusive of protrusions**
- The column as shown below has dimensions of 38,063 x 6,389 x 6,561 (L x w x h)= 1596,53 m³ and is classified as **1595,53 Frts/200 Ton**



Join now and make a chance to win an iPad and increase your knowledge at the same time! If you already joined one of my earlier Seminars, you can qualify for the draw as well, in case you bring in a new participant. I will place your name in the Draw and your proposed candidate will take the iPad in case you were the lucky one and he will take the iPad with him for you.

Start this year with a new initiative and distinguish yourself from the crowd. The only way to be successful in business is when you have better qualifications and skills than your colleagues.

By demonstrating your skills and experience, you will definitely impress your boss and he will assign you to more complex and responsible projects.

I keep repeating my self by saying that one way to achieve these goals is by Education and Training.

ABOUT

- HeavyLiftSpecialist.com
- [Website](#)

UNIQUE ATTRIBUTES

- Immense repository of news, information, training slides, videos.

heavyliftspecialist.com



CRANES • RIGGING • LIFT PLANNING • ENGINEERING



HOME **PAD FITTING** PRODUCTS COMPARE RESOURCES ABOUT REQUEST QUOTE

Get Your FIT Started

In order to process your fitting request, please complete the form below per one (1) piece of equipment.

Equipment Manufacturer *
Please list only one manufacturer (ex: Grove, Link Belt, Terex...).

Equipment Model *
Please list only one model (ex: GMKS135, RTC 80110 Series II).

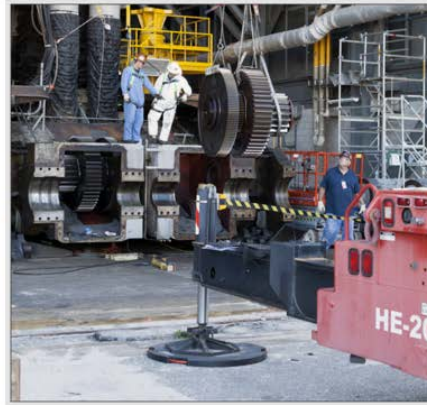
Capacity (US Tons) *
Please enter capacity for only one piece of equipment (example: 135, 110).

Outrigger Float Measurements *

☐ 18" Diameter	☐ 18" x 18"
☐ 24" Diameter	☐ 24" x 24"
☐ 30" Diameter	☐ 30" x 30"
☐ other:	

Serial Number
Entering a serial number helps expedite the fitting process.

NEXT PAGE »



DICA plugged our data into their FIT performance calculator and presented us with several options. I liked that the company is family owned and proudly promotes their 'Made in the USA' products. DICA outrigger pads are the total package.

Mike Whiteman
Jacobs Technology
NASA Test & Operations Support Contractor



HOME

10 Tips for a Successful Crane Setup

The following article was written by DICA CEO Kris Koberg at the invitation of *Construccion Pan Americano*. The article appeared in *Construccion Pan Americano*'s spring 2015 crane issue. Additional information on safe setups can be found in the full article.

It can be difficult to know if the ground beneath your crane will support under your outriggers, yet knowing this is critical to safe crane setup. In standards and regulatory bodies now place greater emphasis on understanding and using crane mats or outrigger pads that are sufficient to provide the support.

Here are 10 tips to guide you to a successful crane setup

- 1 **Know your responsibilities.** In the U.S., OSHA states that cranes must be set up on ground that is firm, drained and graded sufficiently, in conjunction with standards such as blocking, cribbing, pads, mats, to provide adequate support and level ground.
- 2 **Know the bearing strength of the ground and soils.** Because this is a combination, it's a good idea to seek the advice of a geotechnical engineer. One method to determine ground conditions is to use a Dynamic Cone Penetrometer, which provides a quantitative measure of soil strength to use. This information can be compared to ground bearing pressure charts for various types of soils.
- 3 **Identify any sub-surface hazards and avoid if possible.**

ABOUT

- **DICA FIT System (Outrigger Pad Sizing)**
- **DICA Resources**
- **DICA Outrigger Pads**
- **Website**

UNIQUE ATTRIBUTES

- **Best outrigger pad resources available including pad sizing, crane setup, and all things outrigger pads (e.g. category killer).**

dicausa.com



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- 3D Lift Planning Software: Case Study *All Erection and Crane Rental*
- 3D Lift Plan is the 'Rolls-Royce' of Planning Tools *Crane Hotline*

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- *3D Lift Plan*
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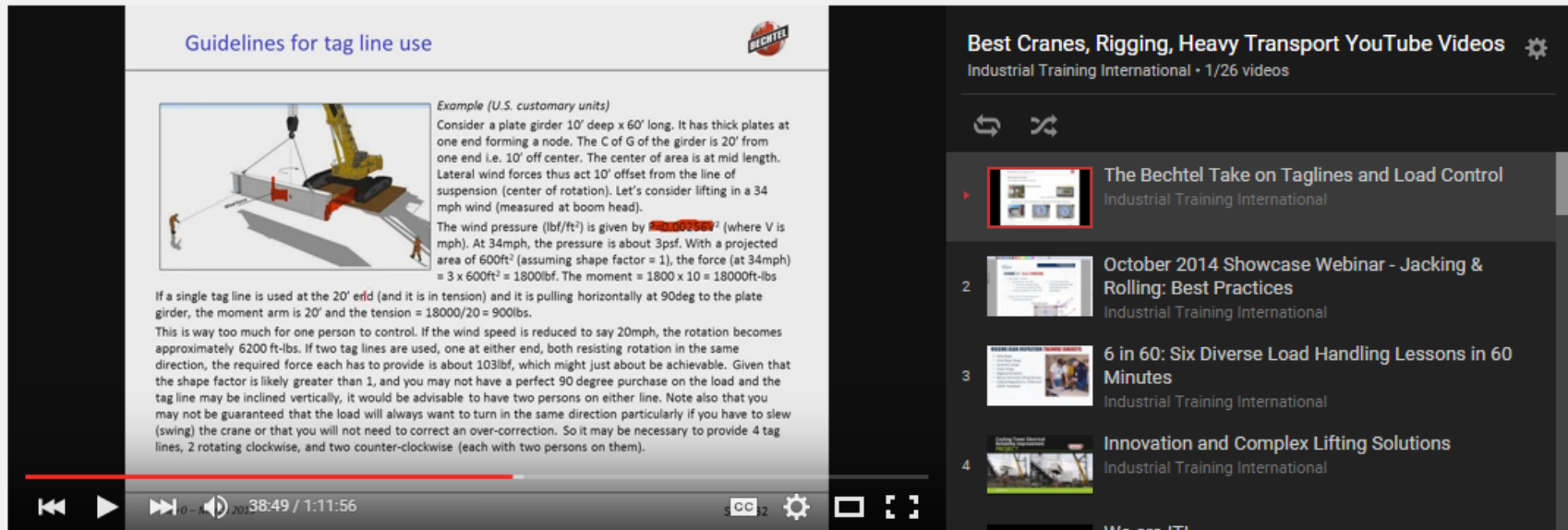
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The image shows a YouTube interface. The main video player displays a video titled "Guidelines for tag line use" by Industrial Training International. The video content includes a diagram of a crane lifting a plate girder and text explaining the forces involved. The video player has a progress bar at 38:49 / 1:11:56. To the right of the video player is a playlist titled "Best Cranes, Rigging, Heavy Transport YouTube Videos" by Industrial Training International, containing 1/26 videos. The playlist includes the following items:

- 1. The Bechtel Take on Taglines and Load Control - Industrial Training International
- 2. October 2014 Showcase Webinar - Jacking & Rolling: Best Practices - Industrial Training International
- 3. 6 in 60: Six Diverse Load Handling Lessons in 60 Minutes - Industrial Training International
- 4. Innovation and Complex Lifting Solutions - Industrial Training International

ABOUT

- *Best Cranes, Rigging & Transport YouTube Videos*
- YouTube Playlist

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- Playlist of 50+ of the best videos on YouTube

<https://www.youtube.com/watch?v=KS1Qd9T1m9k&list=PLpXbFsUu5dHz3k9IWcvYkbDfhmg9T-KBP>



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To assist crane operators that need to comply with the newly revised OSHA 1926.1400 regulations, which requires crane operators working in construction or performing construction-related activities to be certified through a nationally accredited agency, ITI offers an Online Mobile Crane Operator Certification Test Prep Course.

This program is designed to prepare participants to take the general and crane-specific exams for national accredited agencies.

Course Contents

- General Crane Knowledge
 - Technical Information
 - Load Chart Components
 - Crane Site and Setup
 - Operations
 - Practice Exams
- Specialty Crane Load Chart Review and Exercises
 - Lattice Boom Truck

Screenshots



ABOUT

- *Mobile Crane Operator Test Prep*
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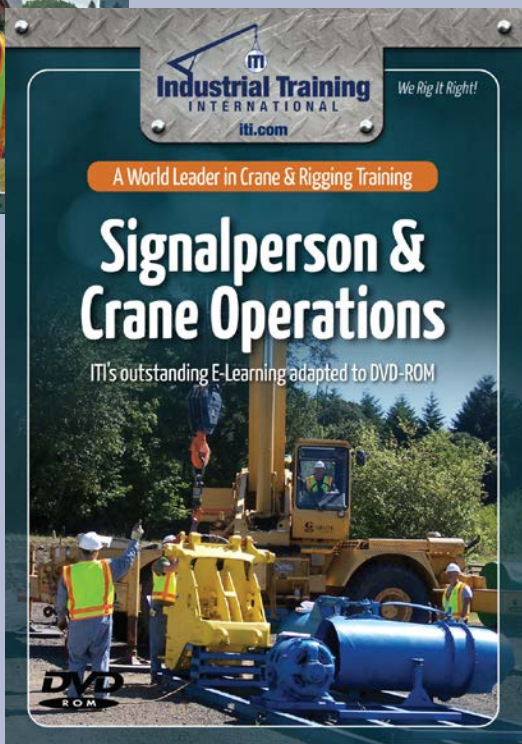
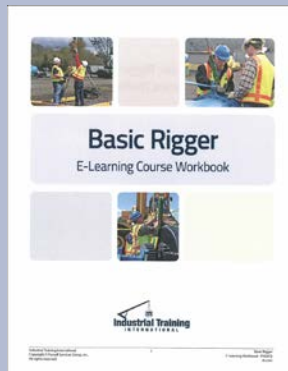
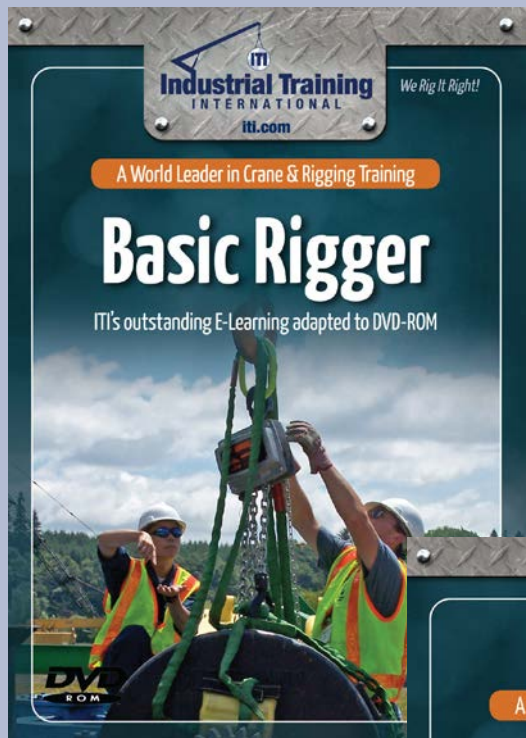
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ASME has audited and approved all courses in ITI's **Fundamentals of Rigging Engineering Program** for Continuation Education Units (CEUs) in compliance with the **IACET (International Association for Continuing Education and Training) Standard**.

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- *Rigging Engineering Program*
- Self-Paced E-Learning Courses

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- ASME Approved for CEUs
riggingengineering.com

INSTRUCTORS



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South Florida Chapter, AIAA



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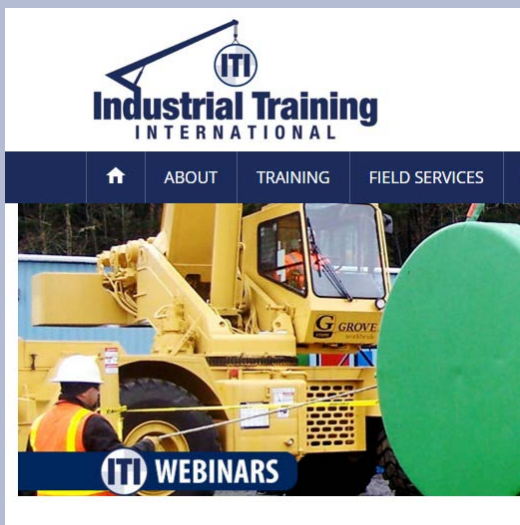


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Showcase Webinar Series Archive

The resources are below in order of webinar episode.

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Safe Lifting and Handline of Rebar Cages - Deep Foundations

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Heavy Transport Horror Stories (And Successes Too!)

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[Veja Recursos](#)

Multi Crane Lifts and the New Tappan Zee Bridge

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Boom Hoist Wire Rope

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How Would You Know You're Not as Good as You Think You Are - Learning to Learn

[View Resources](#)

Rigging Gear Inspection Crash Course

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Falhas em lingas e materiais de rigging: Estudos de caso e soluções

[Veja Recursos](#)

The Bechtel Take on Taglines and Load Control

[View Resources](#)

Innovative Lifting Experience with Synthetic Fiber Technology

[View Resources](#)

Workshop: Demystifying Sling Tension

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Synthetic Lifting Slings: Facts and Fiction

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Jacking & Rolling: Best Practices

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6 in 60: Six Diverse Load Handling Lessons in 60 Minutes

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Crane & Rigging Brain Teasers

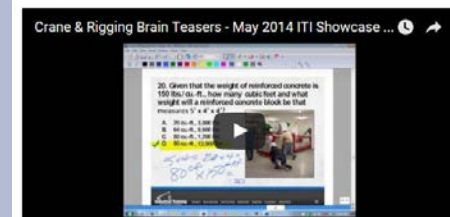
Enjoy the resources! You will find the presentation pdf, video, and transcript! webinar was originally recorded on May 28, 2014.

Host: Mike Parnell, President/CEO, ITI

30 Crane & Rigging Brain Teasers that will test your knowledge!

Downloads:

- [Presentation File PDF](#)



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- *ITI Showcase Webinar Archive*
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