

**P&H Portal Crane Web Site**  
www.portalcranes.com

**WWW.PORTALCRANES.COM**

The P&H Portal Crane web page can be viewed by simply going direct to www.portalcranes.com. Find the latest in product news, Update newsletter index, all back UPDATE issues, product support information, case studies, and a crane modernization shopping list.

**CWF/TAPPI PORTAL CRANE USERS**

Visit www.cranesusers.org for past meeting summaries or information on this group.

**CWF-TAPPI Web Site**  
www.cranesusers.org

**PM AND STRUCTURAL INSPECTIONS**

OSHA regulation # 1910.179 requires a periodic inspection to be accomplished at a minimum of once every 12 months and quarterly for high duty cycle cranes. This includes the structural components of the crane. The standard inspection package performed by P&H includes the veri-

fication of the structural components that is required by OSHA.

Also, P&H recommends having your crane detail inspected by a qualified Structural Engineer once every 3 to 5 years for a cranes 5 to 20 years old and every year thereafter, or after any type of shock loading or overloading. P&H can supply this service at very competitive rates and we have our own in-house structural engineers.

As you well know, P&H is the market leader in the crane industry and has extensive experience with all brands of woodyard cranes. Our portal crane product support office in Birmingham AL serves all of North America and has a dedicated staff of portal crane experts to assist you with any problems and get you running as quickly as possible when you need service.

P&H would be pleased to perform your next inspection and/or maintenance on your crane, to supply you with any parts components, up-grades, or to give additional training to your crane operators. We can even train your employees at the P&H Institute on electrical, mechanical, safety and maintenance.

**Portal Crane Inspection Program**



**ProCare Portal Crane Inspection Program**

- Highly Trained and Experienced Technicians
- Trained on All Brands of Cranes
- Positioned for Quick Response
- Accurate and Detailed Reports
- Easy to Understand Reports
- Standardized Electronic Format
- OSHA and ANSI Compliant
- Secure Electronic Data Storage
- Follow-up to Assure Satisfaction

**ProCare Services Offered for All Crane Brands**

- Annual Inspections
- Quarterly Inspections
- Monthly Inspections
- PM Service Contracts
- Service - Maintenance & Repairs
- Modernization & Upgrades
- Structural Inspections
- Parts - For all Brands of Cranes
- Spare Parts Management
- Training Programs
- Operator Training
- Reliability Plans

**FROM THE EDITOR**

Dear Portal Crane Customer:

This is the 38th issue of Portal Crane Systems UPDATE which represents another step in the P&H commitment to serve our customers.

We hope this sharing of knowledge and experience will help you in your efforts to manage your yard efficiently.

Sincerely,  
Gary Otto, Product Manager  
Portal Crane Products and Services

**TRAINING UPDATE**

The P&H Institute offers both in-house and on-site training for electrical, mechanical, and most control types as well as operator training for all types of cranes. A simulator is now being developed for portal crane training, and the Institute utilizes the latest training technology to add value to your training investment.

**Course #811P 4 Days \$1,695.00**

**Portal Crane Mechanical Maintenance**

2007 Milwaukee Schedule:  
June 26-29, 2007  
September 11-14, 2007  
December 4-7, 2007  
Max. class size: 15

**General Description**  
This course provides standardized criteria to evaluate and correct structural drive machinery and hoist problems on portal cranes. Participants also learn how to setup comprehensive preventive maintenance programs.  
A plant tour of a crane gearing and parts manufacturing plant is included.



**P&H PORTAL CRANE OPERATOR TRAINING Course No. 838PC**

Is there a significant difference between those you would rate as your BEST portal crane operators and those you'd rate as average? Would you like all of your operators to perform up to a higher standard? Would reduced log damage and truck damage benefit your operation? Is this all attainable? We can help!

**Key Benefits:**  
Companies who have taken this course in the past have benefited from decreased downtime, increased operator efficiency, longer wire rope life, longer grapple life, increased plant safety and reduce damage to logs and trucks.  
For all Portal Crane Operators - New and Experienced.

**General Description**  
This course includes classroom and hands-on training for portal crane operators. Major crane components, protective devices and safe operating procedures are covered in detail.

**Course Objectives**

- Identify and explain the function of all major crane components.
- Explain and apply all hand communication signals.
- Explain the function of all safety devices.
- Perform recommended operating procedures.
- Explain and apply recommended safety precautions.
- Discuss emergency shutdown and exit procedures.

**Course Outline**

- Major crane components
- Safety devices
- Recommended operating procedures
- Communications
- Safe operating practices
- Hands-on training
- Practice Emergency shutdown procedures.

"The instructor was very knowledgeable of our crane. I have learned more about the crane in this week than in the 7 years I have been here. I recommend this course to be an annual event!" - student





**P&H INSTITUTE CLASSES**  
**STATIC STEPLESS CLASSES**

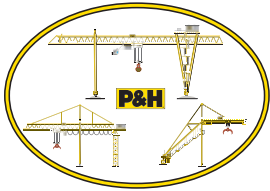
<b>Classroom</b>	<b>Lab</b>
Sep. 18-21, 2007	Sep. 24-27, 2007
Nov. 6-9, 2007	Nov. 12-15, 2007

**SMARTORQUE BULL 425**  
Nov. 6-8, 2007

Call The Institute at  
866-821-4006 for more information.  
**WE DO ON-SITE CLASSES TOO!**

Morris Material Handling  
315 West Forest Hill Avenue  
Oak Creek, WI 53154 USA  
Telephone: 262-821-4020  
Facsimile: 262-641-9206  
Internet: www.morriscranes.com  
Editor: Gary Otto: Cell: 414-573-8062  
gotto@morriscranes.com  
Morris Material Handling

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■ PORTAL CRANE SYSTEMS ■  
**UPDATE**  
 SUMMER 2007



**PORTAL CRANE  
 SUPPORT TEAM**

**Janine Neumann**  
 Portal Parts Manager  
 24-hour line:  
 866-578-7678

**Joey Liverett**  
 Service Manager  
 Birmingham, AL  
 205-238-3706  
*For repairs, service or  
 installations, call Joey.*

**Ken Aldrich**  
 Field Supervisor/  
 Project Manager  
 Birmingham, AL  
 (205) 238-3709  
 (205) 941-3324 Fax  
 24 - hour line:  
 (877) 943-5734

**Réal Soucy**  
 Regional Manager  
 Atlanta, GA  
 678-665-5225 cell  
 770-236-9351 office/fax

*Please have the serial num-  
 ber/location of crane/part  
 number/contact name,  
 phone, fax and address  
 available when you call.*

**MORE PORTAL  
 INFORMATION**

[www.portalcranes.com](http://www.portalcranes.com)

**LOG CRANE USER MEETING**  
**AUGUST 22-24, 2007**

The 2007 Morris Material Handling Portal Crane User Meeting is now sched-  
 uled for August 22-24 at the beautiful Pearl River Resort in Philadelphia, MS.  
 This central location is ideal for many of our southeastern crane users and still  
 an attractive destination for those further away. We are expecting a strong  
 turnout, so please get your meeting registration form sent back to P&H as  
 soon as possible. Shuttle transportation may also be available for those flying in.  
 Call for more information. If you can arrange for your transportation and room, P&H will take care of the  
 rest of your meeting expenses and make your time spent very worthwhile.

This year's meeting is focused on product support with emphasis on service and parts issues that contribute  
 to improved uptime and performance. There were 5 cranes that derailed in 2006. The causes of these costly  
 incidents are just one of the topics being covered at the meeting. Rail maintenance is also a very popular  
 topic that will be covered in detail.

There have been some recent personnel changes in our Portal Crane Product Support Group, so this would  
 be a great opportunity to meet the entire staff of portal crane professionals who assist you with your parts  
 and service needs. Personnel from the factory, engineering and the P&H training institute will also be attend-  
 ing to add value to your participation.

Register now and get maximum benefit from attending this worthwhile and productive meeting. See you in  
 Mississippi!

PLAN TO ATTEND  
 18th ANNUAL P&H  
 PORTAL CRANE  
 USERS MEETING  
 Aug. 22-24  
 2007

**OWNERSHIP CHANGE**

Konecranes recently purchased  
 Morris Material Handling.  
**CranePro** and **P&H** will be com-  
 peting in the marketplace as two  
 separate **brands**. We are conduct-  
 ing business as usual. The easiest  
 way to explain this is to use the  
 automotive industry as an exam-  
 ple. If you want to buy a car, you  
 can buy a Pontiac or a Chevrolet,  
 yet, GM is the parent of both.  
 Likewise you can choose to buy a  
 Ford or Volvo, yet both are owned  
 by Ford.

Please note that we are two com-  
 peting brands with two completely  
 different designs and experience  
 and we will fight vigorously in the  
 marketplace for your business. We  
 will continue to work hard to con-  
 vince you that P&H is the better,  
 more reliable choice compared to  
 any and all competition.

**MANAGER'S CORNER**

Dear Valued Customers,

We, the Portal Service Group in Birmingham, cordially invite  
 each of you to the 2007 PORTAL CRANE USERS MEETING to be  
 held at the Pearl River Resort in Philadelphia, MS starting on August  
 22, 2007. We have assembled an agenda that should be very useful  
 in the "everyday" operations of your Portal Crane along with gener-  
 al information that is important for most cranes. This will be the  
 first "USER MEETING" with the new staff from Birmingham. We  
 look forward to meeting each and every one of you as well as allow-  
 ing us the opportunity to earn your continued service.

Pearl River Resorts is a "first class" facility that should be com-  
 fortable, entertaining and a welcome respite from the day to day  
 wood yard activities. We invite you to join us here and personally  
 meet the Portal TEAM.

To get reservation instructions and answer any questions,  
 please call Amy at (205) 238-3704.

As the portal service group manager, I encourage you to attend  
 this event. The entire P&H portal crane product support group is  
 dedicated to helping you obtain maximum uptime and performance  
 from your log crane system. The user meeting is a major part of  
 that commitment. I also welcome your calls anytime to discuss how  
 we can better serve you.

Sincerely,  
 Freddie Duncan, Portal Crane Group Manager  
 985-788-7962

# MAINTENANCE TIPS

Remember: If your maintenance tip is featured in the Portal Crane Systems UPDATE with a photo, you will receive a portal crane jacket. Ideas without photos will earn you a P&H portal T-Shirt. Submit your ideas to Gary Otto and be sure to tell us your jacket/shirt size!

## Gantry Trucks

Gantry truck swivel joints must be lubricated periodically, usually at 6 month intervals, possibly more often. In order to properly grease the swivel joint, the load must be removed by jacking the leg end and physically moving the swivel bearing plates to assure grease distribution and freedom to move under load. Swivel joints can “freeze” and result in severe wheel wear. This is the exact opposite of what the swivels are designed to do; minimize wheel wear. They do this quite well when properly maintained.


## PLC Back-up Batteries

You may be facing significant downtime after a loss of power to your crane if the PLC system does not have a good back-up battery installed. The PLC on many of the cranes in service can “dump” its program if power is lost for a significant time and the battery goes dead. This results in lost production and backed up trucks while the technicians rush to reload the programs and restart the crane. This also is a reminder to make sure you have the proper software for reloading the program as well as current program downloads safely filed away for just such a need. Also remember that many cranes have two PLC systems on board.

## Grapple Tine Tip

**GRAPPLE TINE TIPS**


Tips must be rounded



Tip is solid round steel

**FEATURES/BENEFITS**

- Rounded design digs into the pile with ease
- Keeps pressures and stresses low
- Extends grapple life
- Reduces log breakage and damage



Proper design for reclaiming

## Grapple Drop Cable

P&H has developed a new grapple cable strain relief device to secure the upper end of the drop cable and improve maintenance access.

**GRAPPLE DROP CABLE DEVICE**



New P&H Grapple Drop Cable Strain Relief Device holds the cable securely and makes installation and maintenance simple.

The drum design eliminates cable damage often caused by alternative means of securing.

## WARNING!!!

P&H recommends installation of the “Safe Log Handling Crane Operation” warning decal in every log crane operator’s cab. This warning label lists the important do’s and don’ts for safe crane operation.

One very important and often overlooked ANSI and OSHA requirement is for a check of the upper hoist travel limit switch at the start of every shift. This simple action can identify serious safety and operational problems that might have developed during the previous shift. For a free warning decal for your crane, call or email the Birmingham service department, and it will be sent out immediately. Safety is our number one concern.



# 2007 MORRIS PORTAL CRANE USER MEETING AUGUST 22-24, 2007



## 2007 PORTAL CRANE USER MEETING PRELIMINARY AGENDA TOPICS

- OSHA / ANSI Inspection and Record Requirements
- PM inspections and service: Benefits/results
- Safe crane operations
- Case histories
- Wheels and rails
- New technology: Crane ergonomics and safety
- Woodyard profiles
- Motor rewinds and repairs
- Control issue discussions
- Line boring and pin replacements
- Product support overview
- Up-grade for improved performance and uptime

**and more!**

## SCHEDULE

### WEDNESDAY, AUGUST 22, 2007

5:30 P.M. - 7:00 P.M. REGISTRATION / SOCIAL HOUR

### THURSDAY, AUGUST 23, 2007

7:30 A.M.-5:00 P.M. MEETING / LUNCH

5:30 P.M.-9:00 P.M. SOCIAL HOUR / DINNER

### FRIDAY, AUGUST 24, 2007

7:30 A.M.-10:00 A.M. / MEETING - ADJOURN  
(Optional Mill Tour)

## LOCATION:

PEARL RIVER RESORT - PHILADELPHIA, MS

Cost: \$138 (single or double occupancy) for 2 nights (taxes not included) For reservation information and meeting itinerary, call: 205-238-3704

## REASONS TO ATTEND USER MEETINGS

There are many reasons for you to attend the user meeting. Here are just a few:

- Learn about the latest crane safety issues
- Get the latest training info
- Meet portal service personnel
- Learn about crane runways
- Meet people who do what you do
- Find out about the latest technology
- Talk to the grapple experts from Mack
- Learn trouble-shooting techniques
- See various log stacking methods and procedures
- Meet the portal parts personnel
- Share your problems and solutions with others
- Learn how ergonomic cab designs help productivity
- Get lots of maintenance tips and ideas
- Ask lots of questions/ get good answers

Those who have attended previous meetings either come back or send other mill personnel the next year. The meeting is attended by woodyard management, maintenance, planing, production, and operator personnel. P&H has service, parts, sales and management personnel present to make your time invested worthwhile.

## REPLY FORM

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TEL: \_\_\_\_\_ FAX: \_\_\_\_\_

ATTENDEE NAME(S): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

WHAT ISSUES WOULD YOU LIKE ADDRESSED AT THE MEETING?

\_\_\_\_\_

WHAT SAFETY CONCERNS DO YOU HAVE? \_\_\_\_\_

**PLEASE FAX REPLY FORM TO:** AMY CRAIG - MORRIS MATERIAL HANDLING, 117 Lyon Lane, Birmingham, AL 35211  
(FAX: 205-941-3324) (TEL: 800-633-1136 - Ext. 204)

**PLEASE BOOK ROOMS DIRECT WITH AMY CRAIG :**

ROOM RATE: \$138 (single or double occupancy) for 2 nights RATE GUARANTEED UNTIL AUGUST 1st, 2007