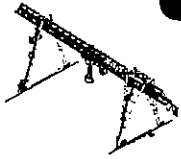




UPDATE

SUMMER, 2001



P&H USER MEETING:

Birmingham, Sept. 5-6-7, 2001
Theme: Performance and Safety

The 2001 annual P&H Portal Crane Users Meeting is set for September 5-6-7, and you are strongly encouraged to attend this valuable meeting. You will have the opportunity to discuss and solve many problems that limit your uptime and cost your company significant dollars. Just one problem solved or idea to improve uptime or safety will make your time investment worthwhile. This year we will focus on improved performance and safety.

Attendance lists and discussion topics from previous meetings are also available upon request to further illustrate the value of these meetings.

REGISTER NOW! SEE INSIDE...

See you in Birmingham!

From the Editor

Dear P&H Portal Crane Customer:

This is the 31st issue of portal Crane systems **UPDATE** which represents another step in the P&H commitment to serve our customers.

In this and every issue of the **UPDATE**, you will find useful crane service tips, parts and crane modernization information, and other items of interest to portal crane users.

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

Sincerely,

Gary Otto & Chuck Stoneman
Product Managers
Portal Crane Products and
Services

RESTRUCTURING UPDATE

Morris Material Handling filed a plan of reorganization designed to restructure the Company's debt and exit Chapter 11 status.

Under this plan, the company's debt is drastically reduced which provides a strong basis for continued growth of Morris Material Handling. All goals of the voluntary restructuring process have been accomplished with this plan.

The date for the final approval is July 25th.

YOU WILL SEE.....

- Continuous improvement in Quality
- An ease of doing business with Morris
- A competitive supplier with a healthy balance sheet!



Portal Crane Product Support Team

Parts

Joey Liverett - Julie Newberg & Becky Upton
Portal Parts Specialists
24-hour line:800-633-1136

Please have the serial number/location of crane/part number/contact name, phone, fax, and address.

Service

Ted Barber, Service Manager
Birmingham, AL
(205) 943-5734
(205) 945-9800 Fax
24 - hour line: (877) 943-5734

Jerry Long, Reg. Manager, Service & Sales
Tupelo, MS
(662) 844-4276
(662) 844-4735 Fax

Factory Technical Support/Warranty/ Return Authorizations

John M. Hughes, Manager, Portal Cranes & Mods
(414) 570-2759
(414) 570-2756 Fax

Nu-Life Rebuilt Parts/Motor Rewinds

Tommy Atkinson - Rebuild Coordinator
(877) or (205) 943-5734

CWF/TAPPI PORTAL CRANE USER GROUP UPDATE

The Canadian Woodlands Forum (CWF)/TAPPI Portal Crane User meeting met in south east Alabama on April 10-13. The 4 day meeting focused on crane maintenance and featured a presentation by Chuck Stoneman and Gary Otto on maintenance and operation tips. A full account of the meeting plus details on the next meeting can be found on the website listed below.

Portal User Group Web Site:
www.portalcrane.org

FRANK KEMP TO RETIRE!

Yes, it's finally happened! Frank has really done it, we think... We had a special dinner for Frank and Mary at the 2000 User Meeting to salute Frank's many years of dedication to the portal crane industry through his installation supervision, service work, and training.

Frank has been involved in some way with nearly every Heede and P&H portal crane ever built. He will really be missed. We all wish him well in his retirement years!

DYNAMIC BRAKING ALERT!

DB Module 79U2731 is often provided as a replacement for older DBU's such as 100F1985, 79Q1484, and 79U2485. The newer DBU has a higher switching frequency than the older units and requires special care when installing:

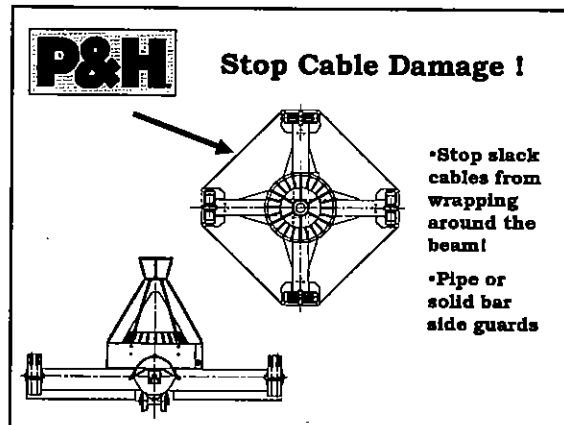
1. Place within 15 wire feet of the inverter, with #8 AWG SRML wire used for P and N connections.
2. Twist the P and N wires at a rate of 3-5 twists per foot to minimize di/dt.
3. When replacing a module in a master/slave loop, do not put it in the loop. It must be wired separately.

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 only will earn a portal crane T-shirt. Submit your ideas to Gary Otto, and tell us your jacket or shirt size.

P&H Smar torque™ Controls

1. In addition to the 18 tips listed in the Spring 2000 UPDATE issue, these tips are offered to increase the reliability of all adjustable frequency controls.
 - A. DBU circuits should be checked at least annually for proper resistance and wire termination integrity. See the DBU alert in this issue.
 - B. Keep the dynamic braking unit, wiring and resistors clean to prevent arcing and to prevent possible fires.
 - C. Check your spares inventory to assure uptime reliability. Some older parts are becoming hard to get due to the age of the electronics.
2. Prevent rope damage with lifting beam cable guards as shown:



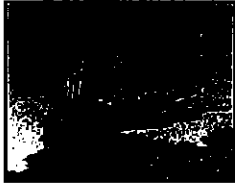
Hurricane Season Update

As we get into the hurricane season, be sure to take precautions to avoid wind damage:

1. Keep your tracks clean. Use bricks on the rail head and clean the wheel treads.
2. Make sure all your brakes are in working condition.
3. Verify that your tie down cables are in place and that the pins are ready, too. Secure your trolley with come-a-longs if you expect severe winds.
4. Check for loose materials on the walkways and platforms that could blow off and become a hazard.
5. Use a weather alert radio for monitoring current conditions.
6. Don't use your grapple as an anchor.
7. If you have storm brakes, make sure that they are working properly.
8. If you don't have storm brakes, consider getting them. They protect your investment, enhance uptime and assist with maintenance.



Grapple PM Tips



- Install doors as shown here
- Keep in 100% condition with regular PM
- Grease at least on a daily basis
- New Lubes now available for greater protection

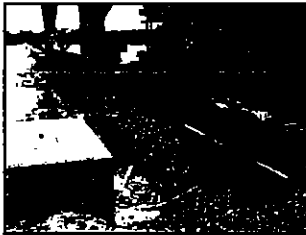
GEARCASE PM



Use 2 on large gear boxes!

Adequate breathers prevents leakage

POWER SUPPLY PIT



**GOT WATER PROBLEMS?
KEEP IT ABOVE THE GROUND INSTEAD!**



SPEED UP YOUR CABLE CHANGES



Add quick change struts. Leave on beam bottom when not in use.

Track Right of Way



- Sweeps or Flows
- Check Often
- Plan storage/keep clear
- Fix any bad spots



Make Sure You Can STOP!

- Tiedowns in place and ready to use
- Storm brakes in full operation
- Motors and Brakes fully functioning
- Controls in 100% condition
- Have a plan and run drills
- Prepare for Hurricane Season
- Use Weather Radios with alert feature



TRAINING UPDATE

ADVANCED OPERATING TRAINING

P&H Morris continues to provide advanced operating training for all types of log handling cranes. References are available to confirm the outstanding value of this unique product support service. Contact Chuck Stoneman to find out how advanced operator training can enhance your woodyard operations.

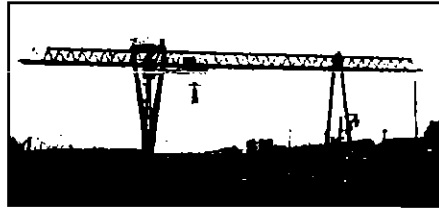
P&H Dynamic Storm Brake



- ➔ Designed for full-speed stopping sequence with full fail safe design!
- ➔ Field replaceable dynamic brake shoe
- ➔ Provides static storm braking force
- ➔ Designed to be set by the crane operator

P&H PORTAL CRANES

Proven Reliability In All Applications!



Simpson Timber, Tacoma, WA

MORRIS
MATERIAL HANDLING

Portal Crane Modernization

Improve performance, uptime, ergonomics, safety...

- Set up an inspection of your crane to fully review the present status and potential for improvements.
- Wide range of designs and features available.
- Call Jerry Long at 662-844-4276 for more information

Update Index Now Available

A complete index to all of the past 30 UPDATE, listing articles and major content, is now available. Call for a copy. We can fax or E-mail it to you. Past issues contain a wealth of portal crane knowledge. Put to work for you!



INSTITUTE CLASSES

1. Overhead Crane Inspection
October 2-5, 2001
December 11-14, 2001
2. Static Stepless Class
August 14-17, 2001
November 6-9, 2001
3. Static Stepless Lab
August 20-23, 2001
November 12-15, 2001
4. Smartorque 2000 / Siemens
August 21-24, 2001
January 30-February 1, 2002

Call The Institute at 262-821-4006 and ask for more information.

WE DO ON-SITE CLASSES TOO!

MOTAG SOUTH AUGUST 8-9-10

MOTAG South will hold its 2001 summer session in Atlanta, GA. The meeting opens with a social hour on Wednesday evening and generally has attendance over 150.

MOTAG is short for "Millyard Operators' Technical Advancement Group." You can register at the meeting. Call Gary Otto if you need more information. Or, go directly to the Renaissance Concourse Hotel by the Atlanta Airport. A MOTAG information flyer is available upon request.

12 ANNUAL P&H PORTAL CRANE USERS MEETING - SEPT 5-6-7, 2001

Morris Material Handling, LLC
315 West Forest Hill Avenue
Oak Creek, WI 53154 USA
Telephone: (800) 933-2313
Facsimile: (414) 764-8570
Internet: www.morriscranes.com
Gary Otto: (414) 570-2750
gotto@morriscranes.com
Chuck Stoneman: (604) 294-5551
cstoneman@morriscranes.com

© Morris Material Handling, LLC,
All rights reserved.