

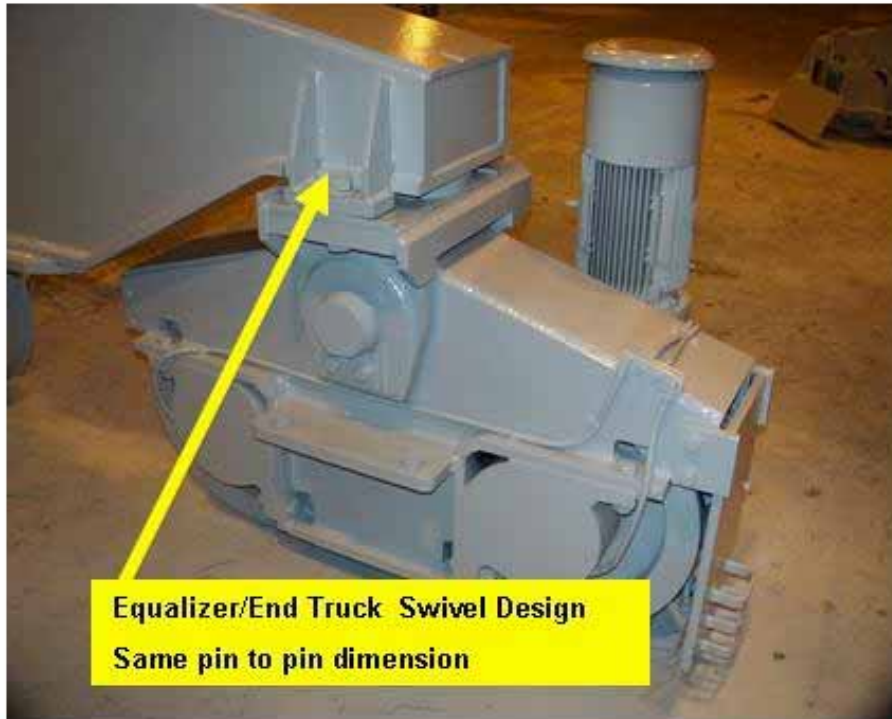
# SWIVEL EQUALIZER CONVERSION

**P&H**

Bulletin no. 13409B 1 of 2

New: Feb. 21, 2000

Rev. March 14, 2005



**Equalizer/End Truck Swivel Design**  
**Same pin to pin dimension**



**Assembled to end trucks**

## **BENEFITS**

- Reduces stresses throughout
- Longer wheel life
- Longer rail head life
- Solves wheel tracking problems rather than masking them like side guide rollers do!

## **FEATURES**

- Direct replacement for old unit
- Large vertical pin design
- Thrust pads allow motion
- Uplift restraint design
- Includes two (2) swivel units with each equalizer



**TECHNICAL DATA SHEET**  
**SWIVEL EQUALIZER CONVERSION**  
**PORTAL CRANE**

**MORRIS**  
MATERIAL HANDLING

For further details contact

Morris Material Handling  
Phone: 414-573-8062  
[www.morriscranes.com](http://www.morriscranes.com)

# SWIVEL EQUALIZER CONVERSION

# P&H

Bulletin no. 13409B 2 of 2

New: Feb. 21, 2000

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**Optional Hump-back Equalizer / for added lift**

**TECHNICAL DATA SHEET**  
**SWIVEL EQUALIZER CONVERSION**  
**PORTAL CRANE**



**Swivel Pin & Pads**



**Underside of equalizer beam**

## **BENEFITS**

- Can be used with existing trucks
- Longer wheel life
- Smooth tracking/all rail types
- Reduces stresses throughout
- Longer rail head life

## **FEATURES**

- Entire 2 wheel bogie swivels
- Large vertical pin design
- Thrust pads allow motion
- Uplift restraint design
- Storm brake mounting pad included



**Coupled Drive Option**

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