# Unique Rail System "Off / On Ramp" Allows Quick Hoist Exchange on Production Line

**Features and Benefits**

Minimal line downtime due to the rapid exchange of hoists

Computer controls and monitors ensuring peak efficiency

Unique "Off Ramp" allows for quick swapping of hoists

Same models of hoists allows for a ample in-house inventory

**Industry Group:** Hoist Manufacturers Institute (HMI)



*To minimize the line's downtime, engineers developed a unique "off-ramp/on ramp" set up*

A computer controlled renovation and refurbishing line with specific time and efficiency goals relies heavily on the proper continuous function of all of its components.

A series of nearly 200 of the same model electric hoists continuously travel an older rail system performing a series of inspections, dips, paint and oven stops on a refurbishing line. All of the hoists on the line are connected to one computer that operates and monitors the line efficiently.

Previous maintenance on the hoists had caused significant downtime stopping the line and holding up the operation until the hoist could be removed, repaired and put back into service. Due to using nearly the same model hoist in all areas, extra hoists and a sizeable parts inventory can be kept on hand to make the exchange procedure even more effective.

To minimize the line's downtime, engineers developed a unique "off-ramp/on ramp" set up to enable a quick change out of hoists.

The "off-ramp / on ramp" system now allows individual hoists to be off loaded and repaired as

well as new or repaired hoists to be on-loaded to the line in a fraction of the time that had previously needed for such repairs.

The "off-ramp / on-ramp" system has effectively also enabled repairs to be made using proper parts while also removing many of the stresses created by time related pressures often associated with production lines.

**Coffing Hoists**
2020 Country Club Lane P.O. Box 779
Wadesboro NC 28170
Phone: 800-888-0985
joshua.karczewski@cmworks.com
www.coffinghoists.com