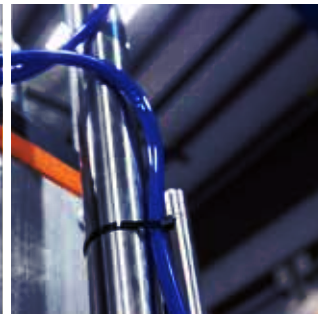


# TIRE LIFT ASSIST



- Two tire lift assists installed at Hino Motors truck assembly plant in Mineral Wells, WV
- Lifters raise tires from delivery cart and move them into position via an overhead XY track
- Operator uses hand controls to rotate and position tires for installation on truck as they move along assembly line
- Hino's older lifts could not support their "super-single" 400+ lb tires. Our lifts can.
- Utilized to install up to 5 tires per side every 7 minutes.

- Project Timeline:**
  - July 2018 - Received PO and Began Design
  - Sept. 2018 - Submitted and Received Signed Approval Drawings
  - Oct. 2018 - Fabricated, Assembled, Tested, and Performed Runoff at Pillar for Both Units
  - Nov 2018 - Installed Both Units at Hino, Performed Runoff, and Conducted Training

- Pillar Engineers Performed:**
  - Design
  - Testing
  - Approval Submittals
  - Manufacturing
  - Delivery
  - On-site Training

- Beitzel Fab & Mach Performed:**
  - Fabrication
  - Machining
  - Painting



- Tire Lift Assist Performance:**
  - Can Handle Wide Range of Tires
    - Both Traditional & "Super-Single" Tires (over 400 lbs)
  - Earned Praise from Hino Engineers
  - Yielded Additional Orders for Custom-Built Machines

DATE: July - November 2018

EXTRAS:

- Accommodates tire sizes from 33 inches in diameter to 42 inches in diameter


  
 CLIENT:
 

SPECS

SCALE

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