



## Demag DC-Com Chain Hoists on High Speed Rail Project

### Features and Benefits

Prepared for the Harsh Environmental Conditions

Safe, Reliable and Precise Lifting

Low Maintenance

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



### The Opportunity

The development of a new high speed rail line required precise lifting and positioning of sections during the laying of the track bed for the high speed train. Due to the exposure to the potential wide temperature ranges, humidity levels, and precipitation amounts, the units selected must be reliable in these environmental conditions. Since the units are often located in remote part of the country, the chain hoists must require minimum amounts of maintenance.

### The Solution

Demag supplied simultaneously controlled (4) DC-Com chain hoists for the precise lifting and positioning of the sections of the train track bed. Standard two speed lifting/lowering speeds allowed the sections to be eased into exact position every

time. The DC-Com chain hoist is prepared for outdoor duty as standard so it can handle the extreme conditions required for this application. The Demag chain hoists also offer a very sturdy design with little required maintenance giving the customer a product that could be counted on day after day.

#### **Wrap-up**

- Demag could supply the customer equipment that was able to precisely lift and position their loads.
- Despite the harsh weather conditions the Demag chain hoists continued to perform the tasks required.
- Maintenance on Demag chain hoists can be simply and time efficiently done.



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