

Positioning of Conveyor Trolley

Magnitogorsk Iron and Steel Works, Russia

Application

- Positioning of a conveyor trolley at the sinter plant of Magnitogorsk Iron and Steel Works, Russia
- Trolley position during conveyor belt travel is required for process control
- Extreme harsh conditions in terms of dust and vibration

Achievements

- Conveyor belt trolley equipped with Symeo LPR-1DHP® equipment
- Distance to a fixed LPR® unit at the end of the conveyor belt is measured
- Trolley position provided through Profibus interface
- Uninterrupted and maintenance-free operation of the positioning system since installation of LPR® based solution

