

# EMTM33

## SEGMENT ROLLS ALIGNMENT TOOL

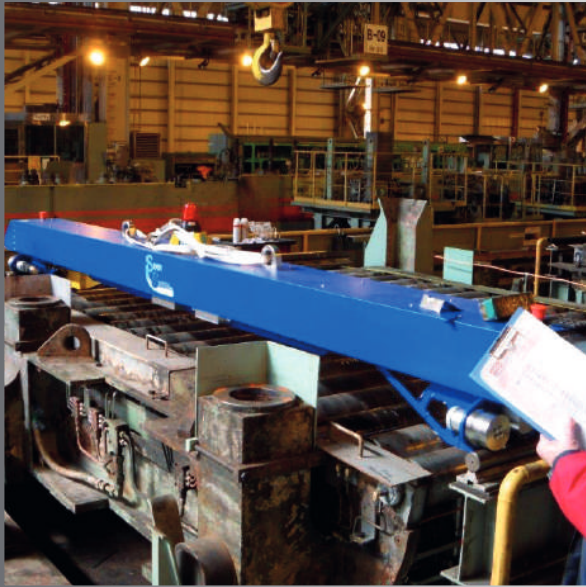
EMTM33 is an automatic and high precision segment alignment tool. It's designed for use in maintenance yard providing automatic assistance for segment assembly and check-up.

The instrument provides an automatic detection of rolls position in the segment including the required correction.

The operator, following the instrument instructions, can fix the segment rolls and make a final control to validate the segment. Finally, a segment measure report can be generated.

### FEATURES

- Designed for maintenance yard use
- Computerized assistance for segment assembly
- High accuracy  $\pm 0.03$  mm
- Online measure on LCD display
- Measure recording, analysis and comparison on PC software
- Auto calibration procedure
- Report and data export



Online operator instructions and real-time measure data are available through the embedded LCD display.

Measurement data can also be acquired and stored on an external PC for offline analysis, measures comparison and report generation.

## TECHNICAL DATA

Segment Width & Length	As required
Technology	Triangulation Laser
Measure Accuracy	+/- 0.03 mm
Operator Interface	Embedded LCD Display + Rugged Tablet PC
Communication	WiFi
Battery life	6 hours
Environmental IP	IP62

## BENEFITS

- Certification of segment geometry
- Optimization of segment life
- Reduce segment's maintenance and assembly cost
- Optimize plant productivity

