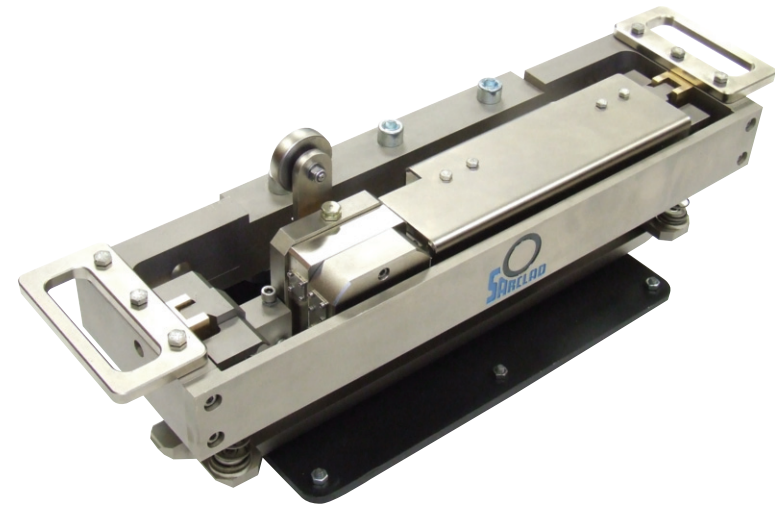


# In-Chain Strand Condition Monitor

World leading On-line caster measuring system. Permanently installed, critical roll measurements every cast.



Quick and simple removal of all components for safe and convenient maintenance or offline calibration activities.

Independently spring based from the dummy bar chain for accurate and repeatable roll measurements.

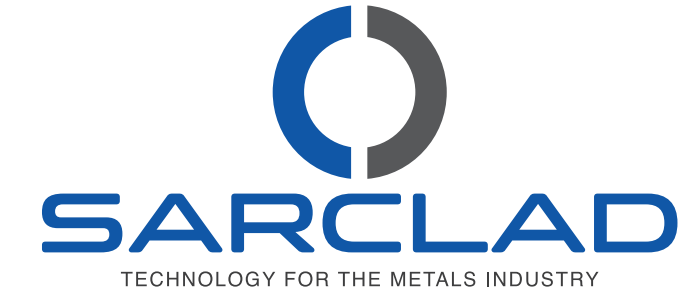


## Proven technology and performance.

Accurate and repeatable roll gap alignment measurements provide quality critical caster roll data, essential for the production of high quality steel.

- Unique patented measuring principle.
- Measurements are performed automatically at the start of every cast.
- Modular concept easily integrated into existing dummy bar chains.
- Fully automated operation.
- Wireless data transfer and battery charging.
- New generation sensors and electronics.
- Multiple measuring assemblies installed across the width of the dummy bar chain provide complete analysis of split and full width rolls.

## Depth of experience and knowledge.



## Strand Condition Monitor & In-Chain SCM



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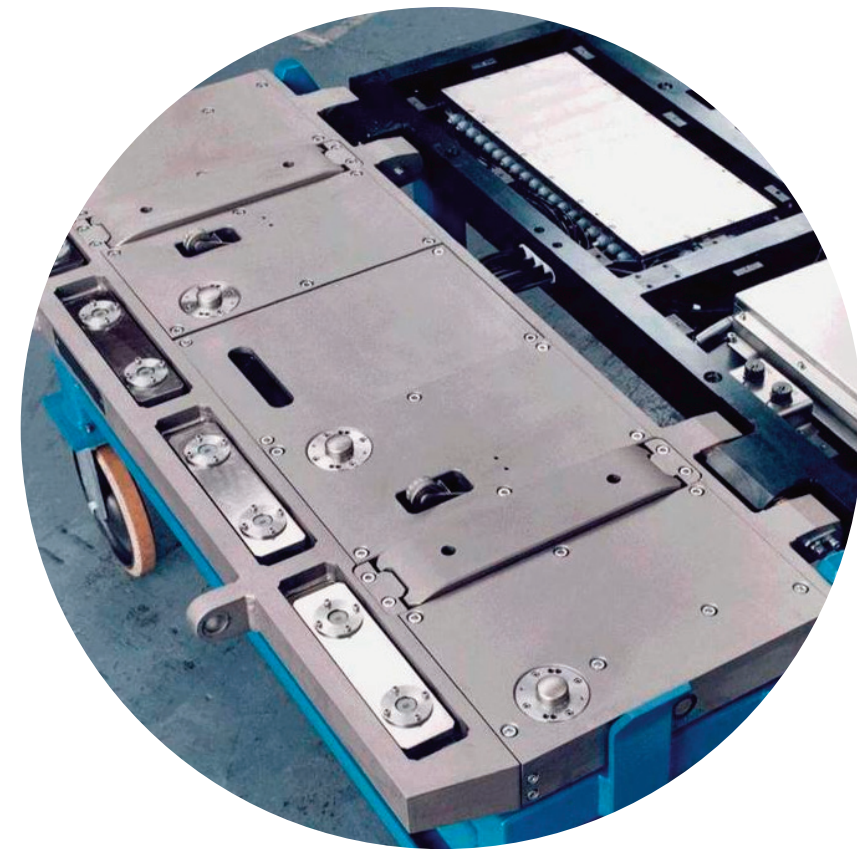
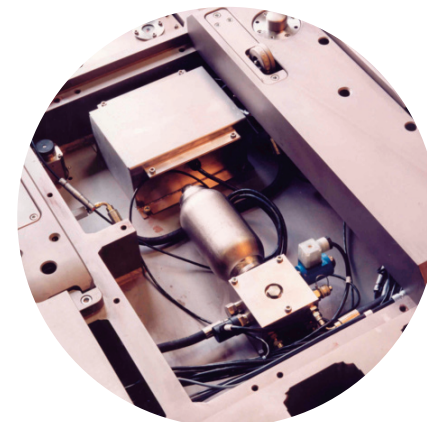
# SCM

Strand Condition Monitor – A world leading measuring system for Slab & Bloom continuous casters which provide rapid & accurate analysis of the quality critical caster parameters

- Fully automated in-chain and off-line continuous caster measuring systems.
- Proven world leading technology.
- Essential quality assurance maintenance tool.
- Provides clear & comprehensive caster condition analysis.
- Reduces caster downtime & sub standard product.



- Sarclad SCM – The original World leading, automatic Strand Condition Monitoring system for continuous casting machines.
- Provides rapid and accurate measurements of the critical strand parameters, essential for the production of high quality steel slabs.
- Measurements include roll gap, roll alignment, roll bend, roll rotation and water spray efficiency.



## Custom design for each casting machine and individual customer requirement

- Off and online Strand Condition Monitoring systems for continuous casting machines.
- Systems for slab and bloom casters.
- Caster thickness measurement from 55mm up to 450mm.
- Caster width measurement from 250mm blooms to 3500mm+ slabs.
- Top or bottom feed casters.
- Suitable for vertical, radial, multi section and offset roll configurations.

## Robustly designed to endure the hostile casting environment while providing superior measurement accuracy and repeatability

- Measurement of multiple slab thicknesses.
- Bi-directional measurement.
- No fixed start position.
- Results presented on dedicated software.
- Trend Analysis to enable prediction failure.