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At the cutting edge of technology...

THE QUALITY OF YOUR FINAL PRODUCTS...

... in your hot and cold rolling mill also depends on precise operation of the coiler. Wrongly positioned lateral guides, out-of-true pinch rolls, worn auxiliary rolls or mis-aligned coil retracting cars are just a few causes of poor coil quality.

Like all components subject to heavy wear, coiler mandrels naturally age and wear. That’s where our regular inspections and expert repairs come in. They ensure you consistently produce perfectly wound coils. The result? You save costs for reject material and can rely on smooth operations in downstream processing.
...recommendations for constant improvements

INSPECTION

- On-the-spot service technicians
- Analysis of functional mechanical interaction of your machines
- Documented condition analysis

Our trained experts examine your entire coiler plant – from entry guide to coil retraction. Then they directly modify and improve its settings, operation, and maintenance.

Identifying problem areas is daily routine for our specialist service technicians. Based on this analysis, they inform you about the necessary repairs or replacements of damaged and worn components.

Also included in the inspection are suggestions for technical modifications, upgrades, or complete revamps that will make your plant even more efficient.
REPAIRS

- Customized maintenance planning
- On-time planning
- Intensive teamwork with you
- Fast performance due to well-stocked parts stores and local repair shops
- Emergency repairs

Fully familiar with your plant from previous on-site inspections, we can prepare for all eventualities and carry out repairs perfectly.

So, when the disassembled components arrive at our workshop, the repair plans for your pinch rolls, auxiliary rolls, or other parts are already drawn up and we are ready to go. That slashes repair time at a stroke.

It’s a firm principle that we document every repair. You benefit from complete transparency, plus we can anticipate follow-up repairs.

As an example, let’s say: We inform you when your equipment is approaching its wear limit so you can take action in good time.

There is a choice of special service packages, developed to give you planning and cost security. They are all based on our standard repair package with a fixed delivery period and price. You pay for any additional work strictly according to how much we do, and you can rely on an agreed completion date.

Even more services are available on demand, designed to keep your plant running smoothly.
COILER MANDREL REPAIR PACKAGE FOR HOT ROLLING MILLS

We have put together a package based on our many years of broad experience as well as analyses from our own production operations. The package comprises specific new parts and the standard reconditioning your plant requires. To guarantee our fast response, we keep a large stock of replacement parts and, if necessary, also blanks for main components such as coiler mandrel segments.

We assemble your coiler mandrel from all the re-usable parts, along with new and reconditioned parts. During assembly, we also carry out functional testing. That includes checking the expansion and contraction of the mandrel and testing the expansion cylinder for pressure safety and tightness.

You benefit from the security of pre-defined repair times and costs.
EXCELLENT CONTINUOUS SERVICE FROM YOUR PLANT SPECIALIST

Onsite maintenance

- Analysis of mech. functions
- Evaluation of gen. condition
- Evaluation of maintenance and repair
- Recommendations for repair, spare parts stocks
- Advice on technological innovations
- Close cooperation with design and workshop teams

INSPECTION

REPAIR PACKAGE

- Cleaning
- Dismounting
- Damage analysis
- Reconditioning

NEW PARTS

- Repairs carried out according to this plan

RECONDITIONING

Before
- New parts
- Assembly
- Function test
- Documentation

After

EXTRAS

- Exact agreement on extras required
- Price strictly acc. to work done
- Fixed completion date

These extras are not part of the standard repair and are considered separately

Different new parts are required depending on plant type and needs
REFERENCES
Coiler inspections and repairs

More than 100 references worldwide

US Steel Corp. USA Al Ezz Dekheila Steel Company-Alexandria Egypt
Severstal Columbus USA Saudi Iron & Steel Company Saudi Arabia
North Star Bluescope Steel USA Outokumpu Stainless Finland
Steel Dynamics Inc (SDI) USA ThyssenKrupp Steel Germany
Arcelor Mittal USA Carlam Cockerill-Sambre Belgium
SSAB USA Dufourco La Luvière Belgium
Nucor USA Taiyouan Iron & Steel Group Co Ltd. China
Ternium Hylsa Mexico Lianyuan Iron & Steel Co Ltd. China
Ilva Taranto Italy Jiuguan Iron & Steel (Group) Co Ltd China
Baotou Iron & Steel Group Co Ltd. China
Benxi Iron & Steel China
Handan Iron & Steel Group China
Wuhan Iron & Steel Group China
Maanshan Iron & Steel China
Shanghai Meishan Iron & Steel Co Ltd. China
Tianyuan Iron & Steel Group Co Ltd. China
Jinan Iron and Steel Group Corp China
Shanghai Baosteel Group Corp. China
Shougang Quinping China
Xiangtan Iron & Steel (Group) Co Ltd. China
Tianjin Tiantie Metallurgical Group China
GJ Steel Public Company Limited (GJS) Thailand
Megasteel Sdn Bhd Malaysia
X-CELLIZE® – TECHNICAL SERVICE

Our X-Cellize® trademark unites all the services SMS Siemag offers you. Wherever you are in the world, these intelligent packages are at your service.

Helping you with your aim:

to increase your plant availability!

Technical customer service
Teleservice
24/7 service hotline
Spare parts
Outdoor installation
Maintenance service