Maintenance Services for SELECTOSPRAY® Systems



STAY AHEAD OF THE MARKET

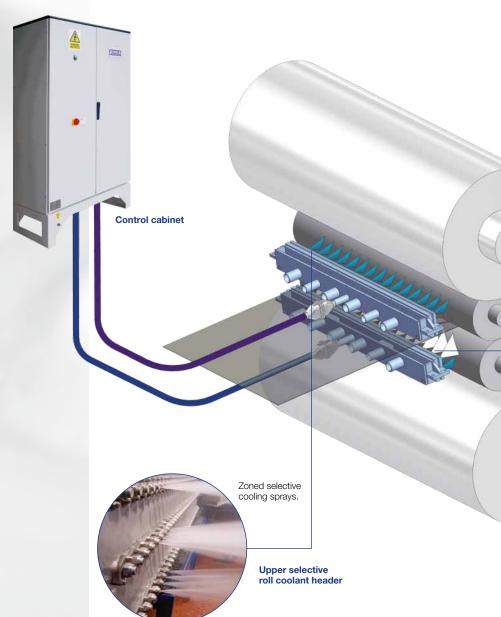
In times of overcapacities, business can be hard for hot and cold rolling mills.
Cutting costs and smart improvements of the quality should have priority over heavy investments. With its comprehensive portfolio
Lechler offers a broad variety of tools and services for optimizing rolling process. This way, we care for our customers in an on-going after sales support.





As an indispensable actuator for shape control, SELECTOSPRAY® is an essential part of this commitment. It corrects reliably asymmetrical strip shape defects and supports work roll bending.

To date, more than 300 Lechler SELECTOSPRAY® roll cooling systems have been installed globally in cold rolling mills for steel, aluminium and non-ferrous metals, as well as in aluminium hot rolling mills and foil mills. With our maintenance services we ensure that this technology improves your rolling quality on the long run – meter for meter for meter.



PROFESSIONAL MAINTENANCE RIGHT FROM THE SOURCE

High mill productivity and good strip quality can only be achieved if all mill actuators, including the Selectospray System, are operating trouble free. Thus regular and routine maintenance is essential for ensuring the optimum performance of the system and the entire mill consequently.

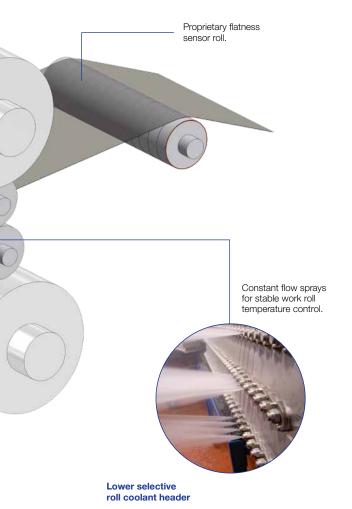
Any faulty or worn components should be replaced or repaired immediately. Unfortunately, on-site plant personnel don't always have the skills for these tasks.

Servicing our customers already since more than 10 years with our local head office and service center in Beijing and eight branch offices in China Lechler has become a truly local organization.

Our main focus lays on plant life cycle service and support for our customers. This includes the supply of genuine spare parts, site inspection, repair, refurbishments or onsite maintenance, consulting and training for our selective roll cooling systems SELECTOSRAY®.



Modulax valves taken out of a badly polluted header. Valve entry ports are completely blocked.





HOW WE SUSTAIN AND OPTIMIZE YOUR PLANT'S QUALITY

Every rolling plant has its own priorities. And not every maintenance measure is necessary in every case. That's why our services come as part of a modular kit from which you can choose the maintenance you really need.

On site system inspection

During a mill shutdown our experts carry out a visual assessment together with mechanical, pneumatical and electrical function and spray tests of the selective roll cooling system. Our findings will be summarized in a comprehensive report including results and recommendations.

Unscheduled on-site repair

If need be, we carry out necessary repairs during mill a shutdown, provided the required spare parts are available on site.

Scheduled preventive maintenance on-site

Our experts carry out regular and scheduled visual assessments and functional tests. They change typical wear parts and any other faulty or worn components or repaired them. Yearly maintenance contracts are the basis for such cooperation and offer you maximum cost transparency.

One time off-site refurbishment

Sometimes valved spray headers, control hoses and control cabinets have experienced damage or wear which require maintenance beyond an on-site repair job. In those cases the equipment can be brought back to one of the Lechler service centers in Sheffiled / UK, Beijing / China, St. Charles II. / USA or Thane / India for repair and refurbishment.

Revolving off-site header and hose refurbishment

On-site repair or preventive maintenance of all valves may require a mill shut down longer than desirable. Therefore Lechler has introduced the revolving header service.

After a defined operation period headers will be sent to the Lechler service centers for refurbishment whilst a newly refurbished header can be put into the mill for trouble free operation.

Prior to the refurbishment an assessment report together with a quotation will be sent to the customer for approval.

Consulting and training

Our experts provide operation and troubleshooting training on-site. Consulting regarding the optimal application of the coolant in other mill stands for process improvements can also be given.

INCREASED QUALITY, INCREASED AVAILABILITY

Lechler keeps your quality up and your downtimes down. Our maintenance specialists take care for your mill's availability while parts are being refurbished at our work shops.



Header spray test prior to re-commissioning



Availability of genuine spares

- No shortage of spares
- No risk of system down time
- No part failure risk

Scheduled preventive maintenance or refurbishment

- Trouble free operation after spray test
- Unscheduled down time reduced
- Functional system for fully operational AFC System for better shape

Improved strip quality and increased productivity



Stripped header after cleaning and pickling





Let's talk about improving quality now

Improving your maintenance situation is quality improvement.

We would be pleased to discuss your opportunities and to develop a customized set of maintenance measures.



Lechler Ltd.

1 Fell Street · Newhall · Sheffield S9 2TP, United Kingdom · Phone 0114 2492020 · Fax 0114 2493600 · info@lechler.com · www.lechler.co.uk

Headquarters Germany: Lechler GmbH · Ulmer Strasse 128 · P.O. Box 13 23 · 72544 Metzingen · Phone: +49 7123 9620 · Fax: +49 7123 962333 · info@lechler.de ASEAN: Lechler Spray Technology Sdn. Bhd. · No. 23, Jalan Teknologi 3/3A · Taman Sains Selangor 1 · Kota Damansara, PJU 5 · 47810 Petaling Jaya · Malaysia · info@lechler.com.my Belgium: Lechler S.A./N.V. · Avenue Mercatorlaan, 6 · 1300 Wavre · Phone: +32 10 225022 · Fax: +32 10 243901 · info@lechler.be

China: Lechler Intl. Trad. Co. Ltd. · Beijing · Rm. 418 Landmark Tower · No. 8 Dong San Huan Bei Lu · Phone: +86 10 84537968, Fax: +86 10 84537458 · info@lechler.com.cn

Finland: Lechler Oy · Jäspilänkatu 18 · 04250 Kerava · Phone: +358 207 856880 · Fax: +358 207 856881 · info@lechler.fi

France: Lechler France, S.A. Bât. CAP2 · 66-72, Rue Marceau · 93558 Montreuil cedex · Phone: +33 1 49882600 · Fax: +33 1 49882609 · info@lechler.fr
India: Lechler (India) Pvt. Ltd. · Plot B-2 · Main Road · Wagle Industrial Estate · Thane (W) · 400604 · Phone: +91 22 40634444 · Fax: +91 22 40634497 · lechler@lechlerindia.com
Italy: Lechler Spray Technology S.r.I. · Via Don Dossetti, 2 · 20080 Carpiano (Mi) · Phone: +39 02 98859027 · Fax: +39 02 9815647 · info@lechleritalia.com
Sweden: Lechler AB · Kungsängsvägen 31 B · 753 23 Uppsala · Phone: +46 54 137030 · Fax: +46 54 137031 · info@lechler.se

Spain: Lechler S.A. · Avda. Pirineos 7 · Oficina B7, Edificio Inbisa I · 28700 San Sebastián de los Reyes, Madrid · Phone: +34 91 6586346 · Fax: +34 91 6586347 · info@lechler.es **ÚSA:** Lechler Inc. · 445 Kautz Road · St. Charles, IL. 60174 · Phone: +1 630 3776611 · Fax: +1 630 3776657 · info@lechlerUSA.com