
METALLURGY

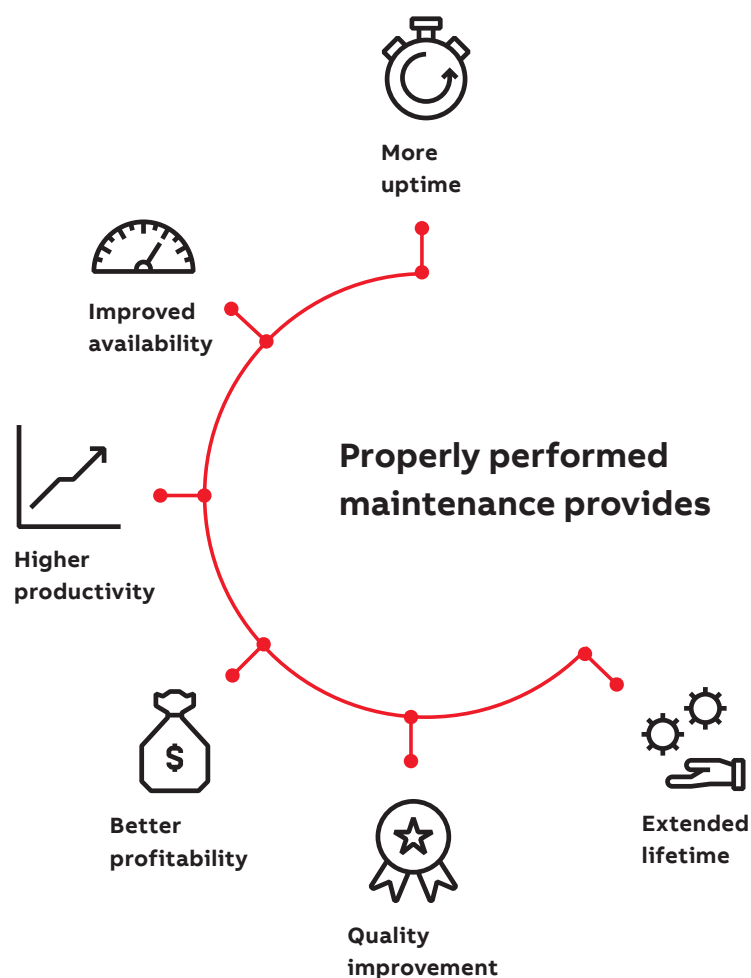
Service and maintenance

Electromagnetic products and systems

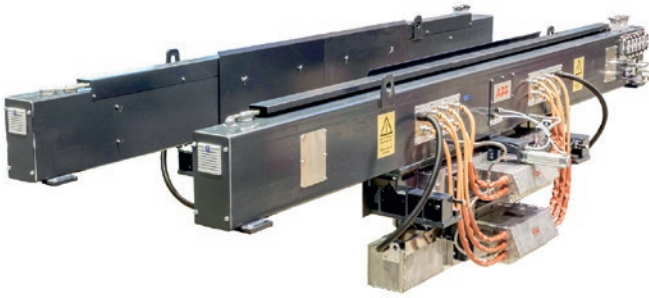
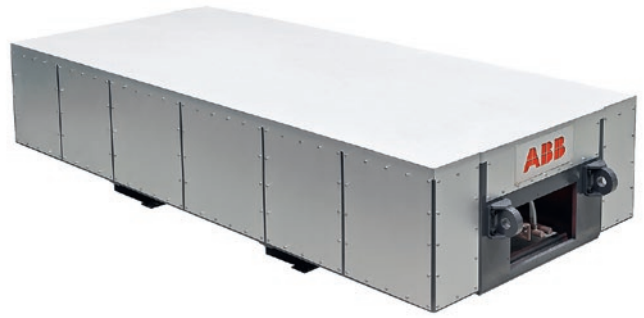


We can help ensure safe, reliable and efficient operations

ABB helps you not only boost productivity and quality with electromagnetic products for the metals industry, we also offer service and maintenance assistance to protect your equipment.



You can take advantage of our vast experience and expertise in different ways. From individual service products and remote support, to long-term service agreements.



Support

Technical support

- Qualified engineers are available to provide support

Training

- Operator
- Electrical maintenance
- Mechanical maintenance
- Process optimization

All the above training can be performed either on-site at your location, at local ABB or at our headquarters in Sweden.

Spares & consumables

- Spare parts service
- Normal delivery time
- Emergency spare parts service
- 24/7
- Parts repair service

EM product repair

- Fast and expert repair
- High quality
- Unique competence
- Skilled and experienced technicians
- Cost-effectiveness

Retrofit, upgrade

- Installation of new modules, e.g. IGBT
- New material in EM products & systems
- Latest technology
- Prolonged lifetime

Replacement

- Replacing an old converter with a new one
- Latest technology and functionality
- Guaranteed access to support and spare parts for a long period of time

Life Cycle Assessment

The life cycle of a product is divided into 4 phases: Active, Classic, Limited and Obsolete.



ABB is committed to supplying spare parts, support and service for purchased products so that reliability and performance are kept at satisfactory levels throughout their lifetime except for the obsolete phase where they might not be available due to possible lack of component supplies. ABB can support you by making a Life Cycle Assessment of the plant. It will be documented in a Life Cycle Plan that includes suggested modernizing and upgrade actions.

Maintenance and advanced services

Maintenance

Corrective maintenance

- Troubleshooting
- Stand-by availability

Preventive maintenance

- Time-based maintenance at predetermined intervals
- Replace aging components, e.g. capacitors, fans, filters
- Maintenance kits

Predictive maintenance

- Condition-based maintenance

Advanced services

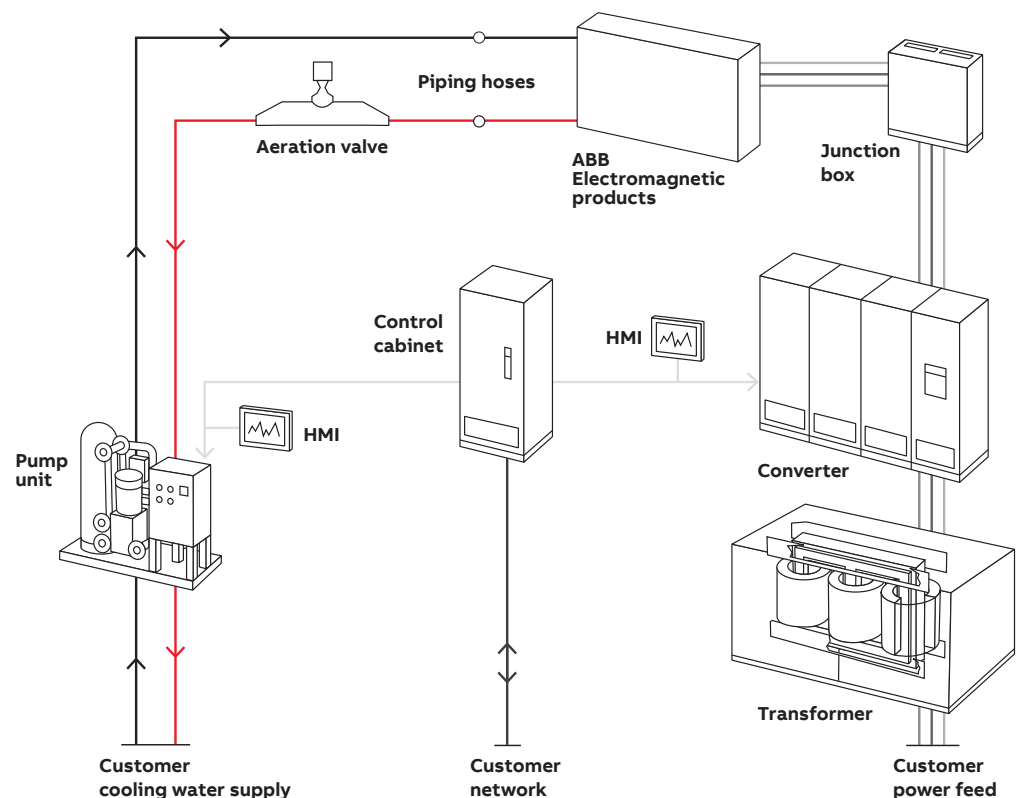
Diagnose – Implement – Sustain

We can perform standardized measurements and ocular inspections, and present a report with suggested actions to be taken.

- EM products
- Cooling systems
- Mechanical parts
- Electrical parts
- Metallurgical processes

All of our services can be offered separately or as a part of a maintenance support agreement.

A typical ABB EM system



**Global service support
delivered locally, 24/7.**

**Based on our vast experience as the
world's leading supplier of EMS systems,
we are able to provide support
throughout your system's life cycle.**

- **Metallurgical**
- **Electrical**
- **Mechanical**

**All areas covered by our experienced
personnel. On site or via remote solutions.**



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Note

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