

# Service Information

Standard refurbishment and modernization

<p><b>Model(s)</b></p>	<p><b>RL(P), RG(P), L, M, Serie 200, CD, DD</b></p>
<p><b>Machine</b></p>	<p><b>Metso Refiner</b></p>
<p><b>Machine group</b></p>	<p><b>HC-Refiner</b></p>
<p><b>The challenge</b></p> 	<p> <b>Lack of options and no product development</b></p> <p>Continuing further development of machines is a basic requirement in improving efficiency and thus, maintaining the ability to compete. It is your experience from many years of operating and maintaining your own machines that plays the most important role here. A lack of alternatives generally leads to a lack of flexibility, a lack of product development, and unrealistic market pricing. OEMs have the detailed technical competence, but they do not have the years of experience as a plant operator and are thus perhaps lacking the most important input in product development.</p> 
<p><b>The ANDRITZ solution</b></p> 	<p> <b>Expertise, flexibility, and customer-oriented product development</b></p> <p>As OEM, ANDRITZ has a very long history and extensive experience in the refiner sector. This applies both to development of new equipment, and to refurbishment and modernization of machines already in operation. Consistent product development and customer-oriented product improvement focusing on energy efficiency, operating reliability and upkeep - regardless of OEM - are important to us. Thus, your machinery can also profit from our experience and developments.</p> 

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### Benefits and features



#### More efficiency

- ▶ Optimized machine service life
- ▶ Reduced electricity consumption
- ▶ Reduced thermal energy demand
- ▶ Reduced energy dissipation



#### Higher reliability

- ▶ OEM's refiner experience
- ▶ Proven technologies
- ▶ Online status monitoring



#### Better maintenance

- ▶ Longer service intervals
- ▶ Improvements to technical details for easier maintenance
- ▶ Service intervals can be scheduled easily



#### Higher productivity

- ▶ Fewer shutdowns
- ▶ Greater production capability

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