



**SEPARATION**

# **EXTEND THE LIFETIME OF DECANTER CENTRIFUGES**

**PREVENTIVE ROTOR+  
MAINTENANCE SERVICES**

Regular maintenance gives you the certainty that your ANDRITZ decanter centrifuge is safe to operate, runs reliably and brings you optimum performance while simultaneously minimizing the risk of unplanned shutdowns. At our Châteauroux facility, we are fully equipped to handle a wide range of needs, from basic service and spare parts to reconditioning of machines – one of these options is our Rotor+ maintenance service, available for all ANDRITZ D-type and F-type decanter centrifuges.

With our Rotor+ service, we pursue three objectives:

- Production predictability by being able to anticipate shutdowns
- Cost control by minimizing downtimes and pooling tasks
- Greater sustainability because your decanter centrifuge has a longer lifetime

**ANDRITZ**

**ENGINEERED SUCCESS**

# A second life for your decanter

Strong centrifugal forces make decanter centrifuges vulnerable to wear and tear. In our workshop in Châteauroux, we are able to analyze, detect and repair worn parts – prolonging the lifetime of your machine and making the most out of your investment.

## PREVENTION IS BETTER THAN CURE

Standard maintenance work after 12,000 or 24,000 hours in operation is ideal for handling issues on site. In addition, the Rotor+ maintenance service gives you the opportunity to prevent issues before they occur. Our maintenance service for decanter centrifuges includes preventive, in-depth checks on all critical parts that suffer from abrasion or wear – and comes with an extra 12 months warranty.

This service is offered in different forms, performed over a maximum of 2 weeks\* provided there is no need for extra work, and consists of three steps:

1. Spectral vibration analysis on the running machine on site
2. Preventive maintenance after 12,000 or 24,000 hours in operation, conducted at the ANDRITZ workshop in Châteauroux and in-depth checks of critical parts in the lab. Additional reworking if needed (with prior quotation and a controlled deadline)
3. Assembly on site and performance tests prior to the return to operation

\* This period may be exceeded if unexpected repairs are needed.

## MOST COMMON RISKS AND HOW TO FIX THEM

Risks	Premature machine wear	Breakage with 3-6 months of immobilization	Unexpected breakage with several weeks of immobilization
Root causes	Vibrations that are difficult to detect on site	Breakthrough that is difficult to detect on site <ul style="list-style-type: none"><li>• Feed chamber</li></ul>	Ovality that is difficult to detect on site <ul style="list-style-type: none"><li>• Reducer eccentric shaft</li></ul>
Measurements	Three-dimensional measurements in test lab	Leak test in workshop	Concentricity measurements in test lab
Actions	Repairable if detected in time, otherwise replacement	Repairable if detected in time, otherwise replacement	Replacement

As part of the global ANDRITZ network, our service team is always ready to ensure that your equipment has the highest availability. In our well-equipped workshops, we also offer numerous additional services for your centrifuges. Profit from our 150 years of OEM experience, with more than 55,000 machines installed, and let our specialists help you to improve safety, cut costs and save energy.

## CONTACT

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