



SEPARATION

# FILTER CENTRIFUGES BECOME SAFER, SMARTER AND MORE RELIABLE

LET US START EVEN MORE  
SUCCESSFUL MACHINE OPERATION

Our tailor-made, turnkey automation solutions based on the Metris addIQ control systems offer you proven and intelligent modules to optimize your machine or entire process. Whether you are primarily interested in machine safety, an increase in production or in improving plant availability, ANDRITZ is offering

you an ideal combination of suitable performance and reliable components.

With automation technology from ANDRITZ, you benefit from machine audits according to various standards such as SIL, ATEX or HAZOP.

Additionally we enable predictive analysis often resulting in an increase in productivity. Naturally, optimum spare parts availability with state-of-the-art hardware components is assured.

**ANDRITZ**

ENGINEERED SUCCESS

# Solutions for successful operation of your machines



## MACHINE SAFETY

According to e.g. the EC Directive for new machines, machines already in use often have a lower safety level than state-of-the-art equipment. ANDRITZ assists you by offering to conduct the assessment together with the user and also provides the latest hardware and software solutions.

### MODULES

- Risk assessment
- Ignition hazard assessment (ATEX)
- Safety integrity evaluation and validation (SIL/PL)
- Hazard and operability (HAZOP)

### Safe solutions that result from assessments such as:

- Door/Interlock system
- Speed monitoring
- Imbalance monitoring
- Bearing temperature monitoring
- Inertization unit (zone reduction)

### YOUR BENEFITS

- Legal compliance
- State-of-the-art solution for reliable and safe operation
- Easy integration into existing lines
- Everything from a single source



## PRODUCTIVITY INCREASE

One of our core targets is to make our equipment smart. With Metris addIQ solutions in combination with the latest feed control systems, we can optimize your processes.

### MODULES

- Metris addIQ control system with intuitive operator interface
- Metris addIQ Monitoring for machine and process transparency
- Metris addIQ Connect for cyber-secured remote connection
- Metris addIQ Optimizing
- Feed controllers available in different variants

### YOUR BENEFITS

- Less downtime thanks to proven and safe technology
- Fast and easy remote support in emergencies
- Identify bottlenecks and increase production in the long term



## RELIABILITY

State-of-the-art hardware components ensure optimum spare parts availability and achieve maximum savings in energy consumption.

### MODULES

- High-efficiency motors
- Frequency convertor designs follow Metris addIQ standards
- Metris addIQ Connect
- Metris addIQ Monitoring

### YOUR BENEFITS

- Secure availability of spare parts
- Longer bearing lifetime
- Higher energy efficiency
- Less starting current needed
- Up to 90 percent of the braking energy can be recovered and reused
- Enables preventive maintenance

## CONTACT

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# ANDRITZ

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