



YOUR SEPARATION SPECIALIST

MINING AND MINERALS, FOOD AND
BEVERAGE, CHEMICALS, AND ENVIRONMENT

ANDRITZ

ENGINEERED SUCCESS

What's your biggest challenge?

Are you looking to boost efficiency? Save resources and energy? Or simply improve your end products? Whatever your challenge, more than 2,400 separation specialists at ANDRITZ are on hand to put our experience, financial strength, and technical resources to work for you.

We've delivered tens of thousands of installations worldwide, including everything from standard to customized thermal and mechanical separation solutions. And while we're proud of our technologies, we're even more passionate about the results our specialists have helped to achieve.

WE ENABLE THE GREEN TRANSITION
As a technology leader in a changing world, we strive to make a positive impact on our environment. We believe that what we do today can make a difference tomorrow and in the future. We drive change and enable our customers to achieve their sustainability goals and make the world greener with our sustainable solutions in decarbonization, circular economy, renewable energy, and environmental technologies.

A world of separation solutions



ENVIRONMENT

PROCESS EXPERTISE FOR SUSTAINABLE ENVIRONMENTAL SOLUTIONS

Challenging municipal budgets. Water shortages. A need for renewable energy. Today, there's simply no room for waste. Getting the most efficient separation is essential, not just to profitability, but also to ensuring sustainable growth.

KEY APPLICATION AREAS:

INDUSTRIAL WASTEWATER
MUNICIPAL WASTEWATER
DESALINATION, WATER, WATER RE-USE
BIOMASS, BIOFUELS
BIOGAS, FOOD AND ORGANIC WASTE
MUNICIPAL SOLID WASTE (MSW), REFUSE-DERIVED FUEL (RDF)

Based on our process expertise, we have successfully delivered more than 10,000 references in the environment sector and are adding as many as 500 new references per year. Our industry-leading portfolio includes dewatering, thickening, and drying technologies, as well as screening and ancillary solutions. So whatever your specific needs, we can always supply the best solutions for your specific need.



CHEMICALS

SOLUTIONS YOU CAN COUNT ON IN THE CHEMICALS INDUSTRY

Are you looking to boost output for growing markets? Need to lower operating costs with an automation system that's ahead of the curve? How can you ensure your next product innovation is error-free? And how will you guarantee 24/7 production?

KEY APPLICATION AREAS:

AGROCHEMICALS, FERTILIZERS
PETROCHEMICALS, POLYMERS
SODA ASH, TECHNICAL SALTS
SPECIALTY CHEMICALS
PHARMA, BIO-CHEMICALS
RECYCLING

In terms of product purity and plant safety, chemical manufacturers are among our most demanding customers. These strict process requirements and specific chemical characteristics drive our technology selections to give you the optimal filters, presses, centrifuges, decanters, purifiers, concentrators, drying/cooling, and automation systems for your needs. Need a more tailored solution? Our own test and pilot facilities are available to help.



FOOD & BEVERAGE

THE RIGHT INGREDIENTS FOR YOUR SUCCESS IN THE FOOD AND BEVERAGE INDUSTRY

Want to get more from less? Purer products? Better taste? Higher yield? With more than 100 years' experience in the food industry, serving all customers from smaller family operations to trustful multinationals, we can promise you one thing: Your goals come first.

KEY APPLICATION AREAS:

STARCH
ALTERNATIVE PROTEINS
BABY FOOD
NUTRACEUTICALS, FOOD SUPPLEMENTS
PLANT BASED NUTRIENTS, OIL, SUGAR
ANIMAL PROTEIN
BEVERAGES, VEGETABLE MILK

Tapioca starch or pea proteins. Beer or palm oil. Soy milk or fruit juices. Dewatering, filtration, drying or solidification systems. The applications may vary, but the need for reliable, efficient, and hygienic ways to improve product quality remains the same. Our circular processes turning waste to value strive to achieve better sustainability. This is why hundreds of food and beverage customers have turned to and rely on ANDRITZ.



MINING & MINERALS

SEPARATION EXPERTISE FOR YOUR SUCCESS IN THE MINING AND MINERALS INDUSTRY

Need to increase plant throughput? Improve separation efficiency of valuable minerals? Whatever your mineral processing requirements are, we help you reduce operating costs and improve product quality.

KEY APPLICATION AREAS:

TAILINGS
LITHIUM
PROCESSED BATTERY MINERALS, BATTERY RECYCLING
POTASH
BASE METALS
SAND AND AGGREGATE
COAL

When it comes to achieving the lowest total cost of operations, everything starts with the right technology. From the highest availability and lowest maintenance to the optimal product quality and water recovery, ANDRITZ offers the most comprehensive product range of mechanical and thermal solid/liquid separation solutions. These can all be tailored to meet your specific process requirements – also for sustainable tailings management or future-oriented battery recycling.

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ANDRITZ.COM/SEPARATION

~30,000

employees in over 80 countries in the ANDRITZ GROUP

280

ANDRITZ GROUP production sites, service, and sales companies

2,400+

separation specialists worldwide

550

service specialists for separation equipment and systems

150+

years of experience in the separation business

The right solution for every separation challenge



	PUMPING	SEDIMENTATION	CENTRIFUGATION				FILTRATION							DRYING												
	PUMPING	EXTRACTION	FILTRATION				CENTRIFUGATION				CONCENTRATION		DRYING						SOLIDIFICATION	SCREENING AND FILTRATION COMPONENTS						
	PUMPING	CENTRIFUGATION				FILTRATION							CONCENTRATION		DRYING										SOLIDIFICATION	
	SCREENING		FILTRATION			PUMPING	THICKENING			DEWATERING					DRYING				THERMAL TREATMENT	FLUE GAS TREATMENT	DECARBONIZATION					

ALL FROM
A SINGLE
SOURCE

Worldwide service and support for non-stop productivity

Our installed base of more than 55,000 separation solutions and systems means we take service extremely seriously. Whether it's consulting, process optimization, repairs, upgrades, spare and wear parts, operator training, or service agreements, we work closely with all of our customers to ensure a lifetime of efficiency and reliability.



LOCAL SUPPORT
Responsive local service centers and field service technicians



REPAIRS & UPGRADES
Optimization of machine and process performance, repair work, retrofitting, and modernization



SECOND-HAND & RENTALS
Certified second-hand and rental machines



TRAINING
Operator training and tailored seminars for operating and maintenance personnel



OEM SPARE PARTS
Filter cloths, spare and wear parts from OEMs or with OEM level quality, all readily available



SERVICE AGREEMENTS
Preventive maintenance, contracts for spare parts, maintenance, inspections, repairs, upgrades, operation, and equipment monitoring



PROCESS OPTIMIZATION
Automation tools and process expertise to boost your profit



LAB AND ON-SITE TESTS
Lab and testing capabilities for process optimization and machine upgrades

Intelligence for machine and process control: Metris addIQ control systems

With Metris addIQ, you have a well-proven, intelligent control solution for industrial processes and machines. Our solid/liquid separation specialists use their in-depth expertise to provide scalable solutions that are individually tailored to regional and application requirements. Whether you're automating new equipment or upgrading to extend the lifecycle of existing systems, we find the ideal solution for you. Metris addIQ covers all levels of automation, starting at basic automation (machine, process, and plant control), to upgrades, and add-ons for process optimization. Together, you have a full range of optimized solutions that help reduce maintenance efforts and ensure preventive service for your machines and plants. These are all delivered from a single source and always individually tailored to your business demands. addIQ control systems are part of Metris, the ANDRITZ brand for digital solutions.



BUILDING A HOMOGENOUS DIGITALIZATION LAYER



HIGHEST PRODUCTION FLEXIBILITY



AUTONOMOUS PRODUCTION



SUSTAINABLE PRODUCTION



PROCESS AND DIGITALIZATION COMPETENCE



PROTECTION FOR YOUR KNOW-HOW AND ASSETS





ANDRITZ.COM/SEPARATION

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