

What's your biggest challenge?

Looking to boost efficiency, save resources and energy, or improve your end products? Whatever your challenge, over 2,700 separation specialists at ANDRITZ are ready to deliver smarter, sustainable solutions tailored to your needs.

With 150+ years of experience and tens of thousands of installations worldwide, we offer everything from standard to customized thermal and mechanical separation technologies. And while we're proud of our innovations, we're even more passionate about the results we help you achieve - today and for the future.

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

Water shortages. A growing need for renewable energy. Today, there is simply no room for waste. Achieving the most efficient separation is essential - not only for profitability, but also for 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)

ANDRITZ helps make that efficiency a reality. With over 10,000 successful installations in the environmental sector worldwide - and hundreds more added each year - we deliver proven solutions for screening, dewatering, thickening, drying, and more. Backed by deep process expertise, our technologies are designed to meet your specific needs while supporting resource conservation and long-term sustainability.



CHEMICALS

SOLUTIONS YOU CAN COUNT ON IN THE CHEMICALS INDUSTRY

Rising demands, cost pressure, and the need for flawless innovation. Staying ahead means more than keeping pace. It requires delivering top-quality products, increasing output per kW/h, and ensuring uninterrupted production.

KEY APPLICATION AREAS:

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

ANDRITZ delivers the precision and reliability chemical manufacturers need. From filters, reactor internals, evaporators, presses, centrifuges and decanters to purifiers, concentrators, and drying/cooling systems, our technologies meet the strictest process demands. Whether optimizing for purity, safety, or efficiency, our tailored solutions and in-house test facilities help keep your production ahead.



FOOD & BEVERAGE

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

Limited resources, rising demands for purity, taste, and yield: Success in food production today means more than tradition. It requires optimizing every step - from small operations to global players - with quality, efficiency, and sustainability at the core.

KEY APPLICATION AREAS:

STARCH
ETHANOL
ALTERNATIVE AND ANIMAL PROTEINS
SUGAR
EDIBLE OILS
BABY FOOD
NUTRACEUTICALS AND FUNCTIONAL INGREDIENTS
BEVERAGES

ANDRITZ supports your food and beverage production with solid-liquid separation technologies for starch, ethanol, proteins, animal feed, oils, sugar, baby cereals, and nutraceuticals. From dewatering and filtration to drying, concentration, and solidification, we deliver hygienic, energy-efficient solutions that enhance quality, save resources, and turn side streams into value for more sustainable production.



MINING & MINERALS

SEPARATION EXPERTISE FOR SUCCESSFUL MINING AND MINERALS OPERATIONS

Throughput bottlenecks. Increasing volume of tailings. Water scarceness. Today, there's no room for compromise. Maximizing mineral yield while reducing operating costs is essential for sustainable and high-quality production.

KEY APPLICATION AREAS:

TAILINGS
LITHIUM
PROCESSED BATTERY MINERALS, BLACK MASS RECOVERY
POTASH
IRON ORE, COPPER, GOLD, BAUXITE, AND OTHER BASE METALS
RARE EARTH AND URANIUM
SAND AND AGGREGATE
COAL

ANDRITZ offers the most comprehensive portfolio of mechanical and thermal solid-liquid separation technologies to boost plant availability, cut maintenance, and improve product quality and process water recovery. Combined with automation, labs, spare parts and more, our solutions are tailored to meet your needs - from fines dewatering to dry stacking.

CONTACT:

AFRICA
ANDRITZ Delkor (Pty) Ltd.
p: +27 11 012 7300
separation.za@andritz.com

ASIA
ANDRITZ Singapore Pte. Ltd.
p: +65 6512 1800
separation.sg@andritz.com

AUSTRALIA
ANDRITZ Pty. Ltd.
p: +61 3 8773 4888
separation.au@andritz.com

CHINA
ANDRITZ (China) Ltd.
p: +86 757 8258 6802
separation.cn@andritz.com

EUROPE
ANDRITZ AG
p: +43 50805 0
separation@andritz.com

NORTH AMERICA
ANDRITZ Separation Inc.
p: +1 817 465 5611
separation.us@andritz.com

SOUTH AMERICA
ANDRITZ Separation Ltda.
p: +55 47 3387 9100
separation.bra@andritz.com

~30,000 employees in over 80 countries in the ANDRITZ Group

280 ANDRITZ Group production sites, service, and sales companies

2,700+ 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					ENGINEERED WEAR PARTS AND FILTRATION COMPONENTS									
	Pump	Thickener	Pusher centrifuge	Decanter centrifuge	Screen scroll centrifuge	Horizontal peeler centrifuge	Heavy-duty belt press	Drum filter	Pressure drum filter	Disc filter	Horizontal vacuum belt filter	Sidebar and overhead filter press	Hyperbaric disc filter	Fluid bed dryer/cooler	Paddle dryer	Plate dryer	Helix dryer	Spray dryer	Roto-flash dryer	Filter plates and cloths	Centrifuge screen baskets	Screen panels	Filtration components				
	PUMPING	EXTRACTION	FILTRATION				DEWATERING				CONCENTRATION		DRYING					SOLIDIFICATION	ENGINEERED WEAR PARTS AND FILTRATION COMPONENTS								
	Pump	Turbex extractor	Filter press	Filter element	Dynamic crossflow filter	Drum filter	Horizontal peeler centrifuge	Vertical peeler centrifuge	Pusher centrifuge	Decanter centrifuge	Screen scroll centrifuge	Screw press	Evaporator	Crystallizer	Helix dryer	Fluid bed dryer/cooler	Contact drum dryer	Paddle dryer	Plate dryer	Spray dryer	Ring dryer / Flash dryer	Contact drum flaker	Screens for extraction towers	Filtration components	Centrifuge screens	Drying beds	
	PUMPING	CENTRIFUGATION				FILTRATION							CONCENTRATION		DRYING							SOLIDIFICATION					
	Pump	Decanter centrifuge	Pusher centrifuge	Screen scroll centrifuge	Peeler centrifuge	Dynamic crossflow filter	Tilting pan filter	Drum filter	Pressure drum filter	Sidebar and overhead filter press	Filter element	Horizontal vacuum belt filter	Heavy-duty belt press	Reactors internal	Evaporator	Crystallizer	Helix dryer	Fluid bed dryer/cooler	Contact drum dryer	Paddle dryer	Plate dryer	Spray dryer	Ring dryer	Flash dryer	Roto-flash dryer	Fluid bed spray granulator	Contact drum flaker
	SCREENING			FILTRATION			PUMPING	THICKENING			DEWATERING				DRYING				THERMAL TREATMENT	FLUE GAS TREATMENT	TORREFACTION						
	Static screen	Passive water intake screen	Fine and coarse screens	Grit classifier and washer	Gravity filter	Continuous backwash sand filter	Gravity disc filter	Pump	Gravity belt thickener	Drum thickener	Decanter centrifuge	Belt filter press	Screw press	Filter press	Decanter centrifuge	Belt dryer	Fluidized bed dryer	Paddle dryer	Drum dryer	Bubbling fluidized bed boiler	Clean air technologies	Torrefaction reactor					

ALL FROM A SINGLE SOURCE

Worldwide service and support for non-stop productivity

With an installed base exceeding 55,000 separation solutions and systems, we are committed to delivering exceptional service. Our team works in close collaboration to provide expert support in spare and wear parts, maintenance, repairs, process optimization, automation, and digitalization. In addition, we offer comprehensive service agreements designed to maintain optimal efficiency and reliability over the entire lifecycle of each separation solution.



OEM SPARE & WEAR PARTS

Access to a wide range of readily available spare and wear parts, including filter cloths, perforated and wedge wire components.



MAINTENANCE & REPAIRS

Rely on local service experts for all start-up and maintenance needs. Efficiently address your service requirements in our certified repair workshops.



SERVICE AGREEMENTS

Benefit from a wide range of services – including a 24/7 hotline, remote support, and training – all provided through comprehensive service agreements.



MACHINE & PROCESS OPTIMIZATION

Improve machine and process efficiency through audits, laboratory testing, on-site evaluations, and expert consulting to help reduce your carbon footprint.



AUTOMATION & DIGITALIZATION

Enhance machine- and process autonomy with innovative control systems, condition monitoring, advanced process controls and process simulation.



SECOND-HAND & RENTALS

Obtain certified second-hand and rental machines to meet your operational requirements.



Intelligence for machines, processes, and the digital transformation

Our integrated solutions combine automation and digital expertise to cut costs, enhance efficiency, and drive sustainable performance. They cover the full spectrum – from proven machine and process control to advanced digital tools for entire plants. Benefit from basic control, predictive analytics, AI-driven adaptive control, upgrades and optimization add-ons. These capabilities are extended with digital technologies that enable higher levels of autonomy, including simulation, real-time optimization, and digital twins. Together, they offer tailored support for every stage of your operation.



SITE ASSESSMENT & INTEGRATION

Evaluate your systems, define a roadmap, and enable seamless integration



ADVANCED PROCESS CONTROL & ARTIFICIAL INTELLIGENCE

Improve stability, efficiency, and energy consumption with automation and AI



SIMULATION & TRAINING

Test and optimize virtually while building operator expertise



DIGITAL TWIN TECHNOLOGY

Create real-time digital replicas for transparency and decision-making



DATA ANALYTICS & PREDICTION

Use analytics and predictive tools to optimize performance and avoid downtime



ELECTRIFICATION, INSTRUMENTATION & CONTROLS

Reliable power, precise instrumentation, and smart controls with lifecycle support





YOUR SEPARATION SPECIALIST

for the mining and minerals, food and beverage,
chemicals, and environment industries

ANDRITZ



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