



SEPARATION
**PERFORMANCE AND
VERSATILITY**

ANDRITZ SIDEBAR FILTER PRESSES
SE 470 - SE 2000
SE 630 V - SE 1500 V

ANDRITZ

ENGINEERED SUCCESS

From pre-configured to customized solutions

The ANDRITZ sidebar filter press SE 470 – SE 2000 is designed for standard and medium duty. It features a well-proven design with all the important modules, such as washing device, drip plates, and additional options suitable for all industries.

ANDRITZ SIDEBAR FILTER PRESS SE 470 – SE 630: THE RIGHT THE RIGHT FILTER PRESS SOLUTION FOR SMALL-SCALE DEWATERING TASKS

ANDRITZ also caters for small environmental projects by supplying small-scale filter presses with highest efficiency and maximum safety. The compact and manually operated ANDRITZ filter presses with both manual closure (SH) and electric closure (SE) systems are available in standardized sizes and designs to ensure shortest delivery times. The filter plate sizes available range from 470 mm to 630 mm.

FEATURES

- Maximum possible safety control
- Two-handed operation for opening and closing mechanism
- External safety signals to feeding systems
- Small footprint
- Proven hydraulic systems
- Integrated drip trays
- Various filter cloths available for best possible filter cake quality and discharge
- Open and closed designs available for maximum flexibility
- Simple filter cloth changing

SOME MAIN APPLICATIONS:

- Surface technology (galvanic, phosphating, photovoltaic, semiconductors, pickling)
- Pharmaceuticals and cosmetics (industrial waste water)
- Food production (bleaching earth, juice and wine production, fish farming)
- Pilot plants and mobile units (laboratories, core drilling, and shot blasting)



ANDRITZ sidebar filter press SE 630

YOUR BENEFITS

- Shortest delivery times
- Attractive investment costs
- Fit for purpose
- Manual operation without compromising on safety
- Easy maintenance of hydraulic unit and closure system

	Size (mm)	
Design pressure	470	630
7 bar		
15 bar	x	x
30 bar		

**ANDRITZ SIDEBAR FILTER PRESS SE 800 – SE 2000:
THE RIGHT FILTER PRESS SOLUTION FOR
STANDARD AND MEDIUM DUTY
DEWATERING TASKS**

For standard- and medium-duty dewatering challenges, the ANDRITZ filter press SE offers a wide range of automation options. The sidebar filter presses are upgradable in terms of modules and features and can be optimized to your specific needs. The filter plate sizes available range from 800 mm to 2,000 mm.

FEATURES

- Fully automatic plate shifter for efficient cake discharge
- Available as chamber or membrane filter press
- High-pressure cloth washing module, also with splash protection
- Hydraulically driven discharge flaps
- PIN design for longer life time of sidebar technology and safe operation
- Hydraulic safety block
- Different cake discharge systems available (tilting frames, cloth shaking, scraping, plate shaking)

- Safety guards and light curtains
- Design allows for up to 140 chambers
- Long, tiltable frame discharge system to deal with sticky filter cake
- Speed-adjustable plate transport for different applications and cake properties
- Scraper available for reliable discharge of extremely sticky filter cake
- Optional second feed port

SOME MAIN APPLICATIONS

- Industrial waste water, sludge, drinking water treatment
- Metal hydroxide, galvanic sludge
- Sand and gravel/stone processing sludge
- FGD (flue gas desulphurization)
- Food applications (vegetable oil, fermentations, sugar, starch, dairy, beverages, etc.)
- Chemical applications (soda ash, petrochemicals, mineral oil, pigments and dyes, agrochemicals, pharmaceuticals, and cosmetics)



ANDRITZ sidebar filter press SE 1200



1 Maximum flexibility: Thanks to the removable distance piece, filter plates can be added easily in order to increase the throughput in the future if necessary

Size (mm)

Design pressure	800	1,000	1,200	1,500	1,500/2,000	2,000
7 bar	x	x		x	x	
15 bar	x	x	x	x	x	x
30 bar				x	x	x

YOUR BENEFITS

- Easily upgradable in terms of volume and filtration area
- Can be adjusted to actual plant conditions – greater flexibility
- Suitable for multiple applications
- Enhanced operating safety
- Safe and fast filter cake discharge
- High degree of automation

Challenging processes accepted

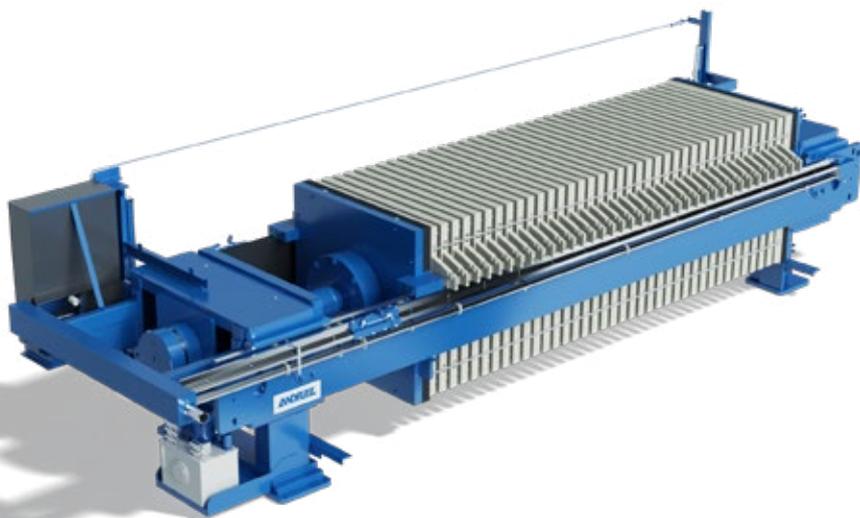
The ANDRITZ sidebar filter press SE 630 V – SE 1500 V is designed for standard and medium duty with fast filter cake discharge system. The special, fast filter cake discharge design was developed to meet the requirements of fast filtration applications with medium-sticky filter cakes, for short cycle times and a maximum degree of automation.

FEATURES

- Special, fast filter cake discharge design
- Short cycle times that allow more than 40 cycles a day
- Dry solids content of up to 90%
- Maximum degree of automation
- Safety guards and light curtains
- Filter cloth rinsing module available
- Choice of chamber and membrane filter press systems
- Special vibrating design for automatic discharge of filter cake residues

SOME MAIN APPLICATIONS

- Sand and gravel/stone processing sludge
- Calcium carbonate
- Coal and tailings
- Limestone, chalk
- Industrial waste water with less organic content



ANDRITZ sidebar filter press SE 800 V



Fastest filter cake discharge speed through connected filter plates

YOUR BENEFITS

- No operator needed to remove residual filter cake
- Higher throughputs compared to conventional SE filter press design
- Compact layout, but high volume
- Highest efficiency and availability

	Size (mm)				
Design pressure	630	800	1,000	1,200	1,500
15 bar	x	x	x	x	x



Intelligence for machine and process control

Metris addIQ control systems

With Metris addIQ, you get 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.

Our tailored turnkey systems from a single supplier can improve entire plants or individual machines. By providing state-of-the-art automation technologies and digitalization, we ensure best-in-class performance. Automating machine and plant equipment measurably reduces gaps in many different production process steps. By using automation from ANDRITZ, you can reduce downtime thanks to features such as predictive analysis that allow you to optimize productivity.

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 get 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. Metris addIQ control systems are part of the ANDRITZ brand for Digital IIoT (Industrial Internet of Things) Solutions.





Put our 150 years of OEM experience to work for you

Need to optimize your process? Boost availability? Ensure non-stop productivity? When you work with ANDRITZ Separation, you gain access to one of the world's largest OEM manufacturers for solid/liquid separation. Put our in-depth knowledge of separation equipment and processing to work for you.

VAST EXPERIENCE THROUGH LARGE INSTALLED BASE

With an installed global base of more than 55,000 solid/liquid separation equipment and systems, you can imagine that we take service seriously. Wherever these customers are located, we work very closely with them to maximize uptime and boost efficiency.

WELL-KNOWN OEM BRANDS

Some customers know us as the people with ANDRITZ on our overalls. Others have come to understand that we are the OEM behind former brand names like 3Sys Technologies, Bird, Delkor Capital Equipment (Pty) Ltd., Escher Wyss dryers, Frautech, Guinard Centrifugation, KHD Humboldt Wedag, Krauss-Maffei centrifuges, dryers, and filters, Lenser, Netzsch Filtration, Rittershaus & Blecher, Royal GMF Gouda, Sprout Bauer, and Vandenbroek, companies who all have been acquired by ANDRITZ. But frankly, we are capable of servicing and supplying spare parts for nearly all brands of solid/liquid separation equipment on the market.

LOCAL SUPPORT BACKED BY GLOBAL EXPERTISE

Our service philosophy is simple: One phone call, one contact person, one dedicated team that speaks your language and knows your equipment and process. This is not an empty promise. It is backed by a network of 550 service specialists for separation equipment and systems as well as service centers all around the world.

A TRUE FULL-SERVICE PROVIDER

Whether you need spare parts, rentals, local service, repairs, upgrades, or modernization of your equipment, ANDRITZ Separation is your service specialist in all aspects of separation. From initial consulting through to service agreements, process optimization, and training programs, we are always looking for ways to minimize downtime and increase predictability in operations while raising your overall production efficiency. In short, we've got you covered.



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





WHAT'S YOUR SEPARATION CHALLENGE?

ANDRITZ Separation is the world's leading separation specialist with the broadest technology portfolio and more than 2,000 specialists in 40 countries. For more than 150 years, we have been a driving force in the evolution of separation solutions and services for industries ranging from environment to food, chemicals, and mining & minerals. As the OEM for many of the world's leading brands, we have the solutions and services to transform your business to meet tomorrow's changing demands – wherever you are and whatever your separation challenge. **Ask your separation specialist!**

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