



SEPARATION

# MASTER THE ROUGHEST CONDITIONS

ANDRITZ OVERHEAD FILTER PRESSES

A4 1500 - A4 2500

A4 F 1500 - A4 F 2500

**ANDRITZ**

ENGINEERED SUCCESS

# Challenge accepted

The ANDRITZ overhead filter press A4 1500 - A4 2500 is designed for heavy duty. It provides best closure force distribution for roughest conditions due to its four-cylinder technology combined with a reliable, continuous filter cake discharge system.

## FEATURES

- Speed-adjustable plate transport for different applications and cake properties
- Long effective length of plate pack – highest volumes available
- Robust structure to withstand severe operating conditions
- Optional second feed port
- Very sturdy design and highly wear-resistant frame parts
- Volume upgrades easy to implement
- Safety guards and light curtains
- Choice of chamber and membrane filter press systems
- Free access to the plate pack
- Special pull design for best distribution of forces (four cylinders)
- Filter cloth washing device
- Optional drip trays
- Heavy duty design

## SOME MAIN APPLICATIONS

- Sand and gravel/stone processing sludge
- FGD (flue gas desulphurization)
- Chemical applications (soda ash, petrochemicals, mineral oil, pigments and dyes, agrochemicals)



ANDRITZ overhead filter press A4 2000

Design pressure	Size (mm)		
	1,500	2,000	2,500
15 bar	x	x	x
30 bar		x	x

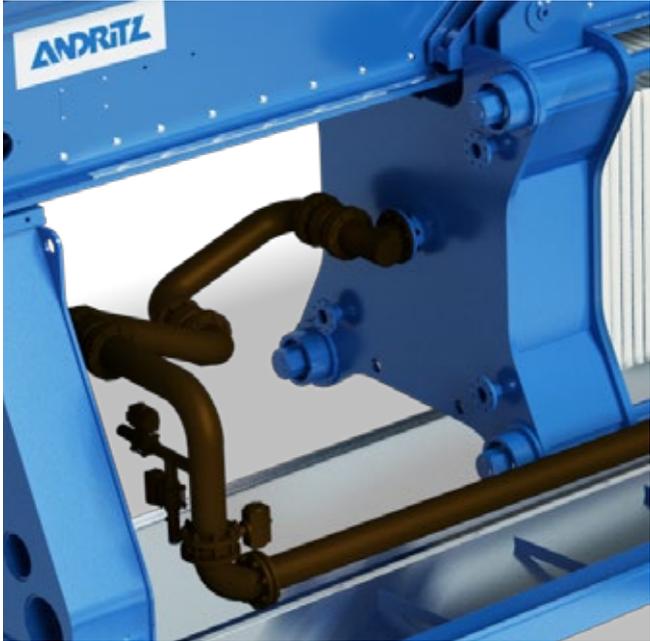


**FOR ROUGHEST  
CONDITIONS**  
WITH PULL-TO-CLOSE  
TECHNOLOGY

- YOUR BENEFITS**
- Highest possible cake volume
  - Solid filter press with longest lifespan
  - Excellent durability and reliability
  - Suitable for very rough climate conditions and multiple applications
  - Low maintenance
  - Easily upgradable in terms of volume and filtration area
  - Can be adjusted to actual plant conditions – greater flexibility
  - Enhanced operating safety
  - Fast filter cake discharge
  - High degree of automation



Washing device for fully automatic operations



Second feed inlet for shorter cycle times

# Maximum discharge speed

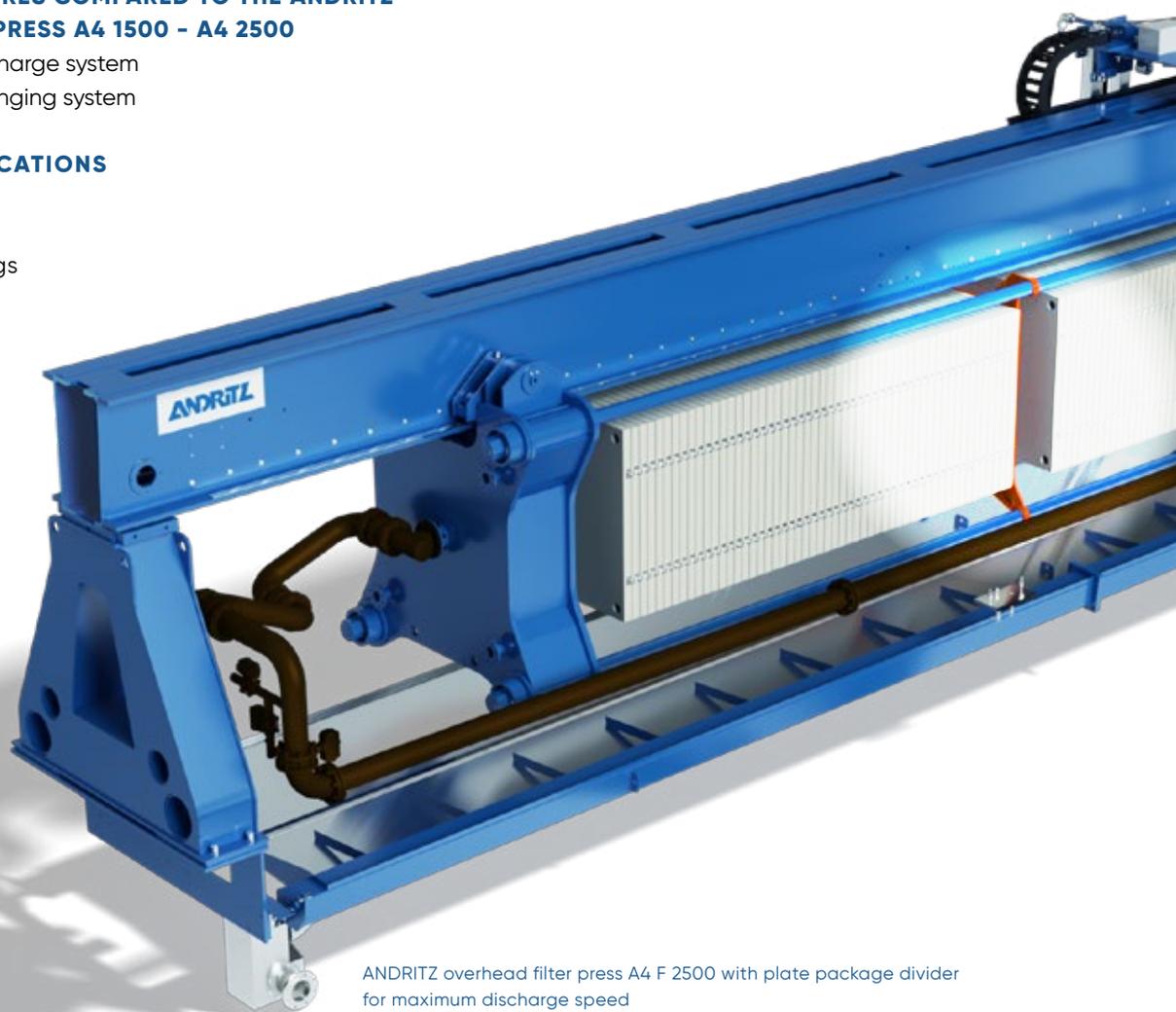
The ANDRITZ overhead filter press A4 F 1500 - A4 F 2500 is designed for heavy duty with maximum discharge speed. It is based on the reliable A4 design with an additional plate pack divider to guarantee the highest possible throughput in combination with four-cylinder technology.

## ADDITIONAL FEATURES COMPARED TO THE ANDRITZ OVERHEAD FILTER PRESS A4 1500 - A4 2500

- Fast filter cake discharge system
- Fast filter cloth changing system

## SOME MAIN APPLICATIONS

- Tailings
- Coal and tailings
- Copper and tailings
- Iron and tailings
- Aluminum



ANDRITZ overhead filter press A4 F 2500 with plate package divider for maximum discharge speed

	Size (mm)		
Design pressure	1,500	2,000	2,500
15 bar	x	x	x
30 bar		x	x



**HIGHEST THROUGHPUT**  
AND MAXIMUM DISCHARGE SPEED

- ADDITIONAL BENEFITS COMPARED TO THE ANDRITZ OVERHEAD FILTER PRESS A4 1500-A4 2500**
- Highest throughputs combined with maximum discharge speed
  - Highest performance in tailings treatment and mining applications

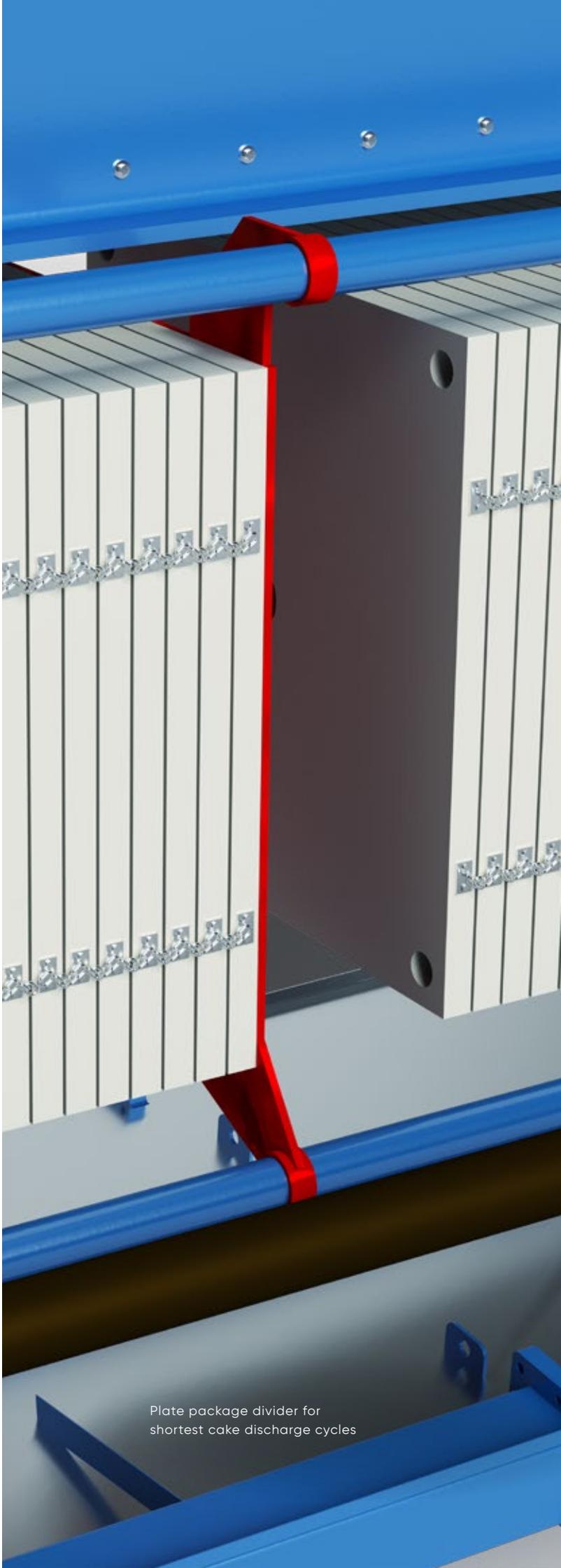


Plate package divider for shortest cake discharge cycles



# Your full-service provider

With ANDRITZ Separation, you gain access to one of the world's largest OEM manufacturers for solid/liquid separation systems, including such well-known brands as 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.

Whether you need spare parts, rentals, local service, repairs, upgrades, or modernization of your equipment, ANDRITZ Separation is your true full-service provider. 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. Wherever you operate, our network of 550 service specialists and global service centers ensures we'll always be there to support you for many life cycles to come. Let's sit down and see how we could take your operations to the next level.



#### 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 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.





## 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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# ANDRITZ

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