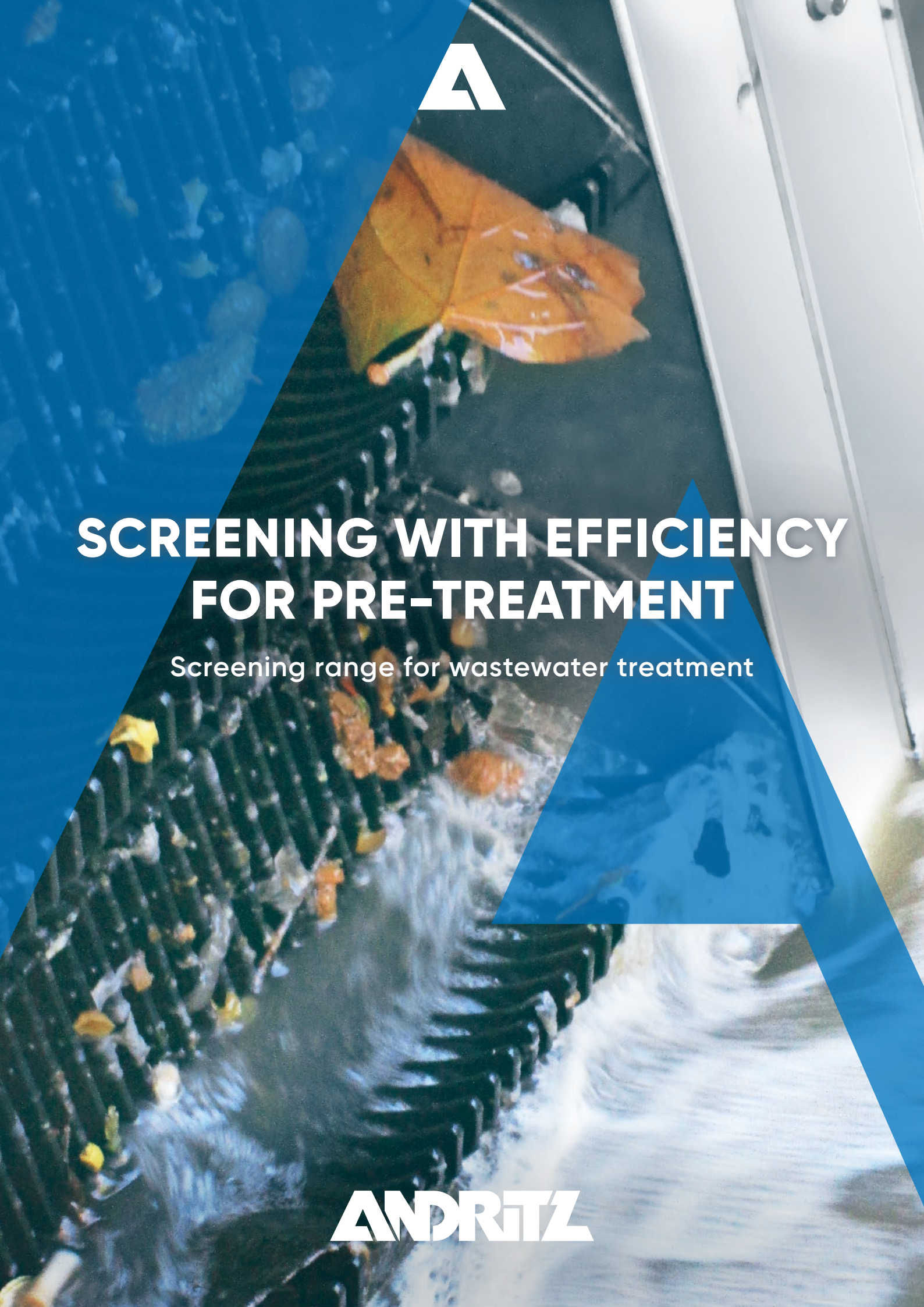
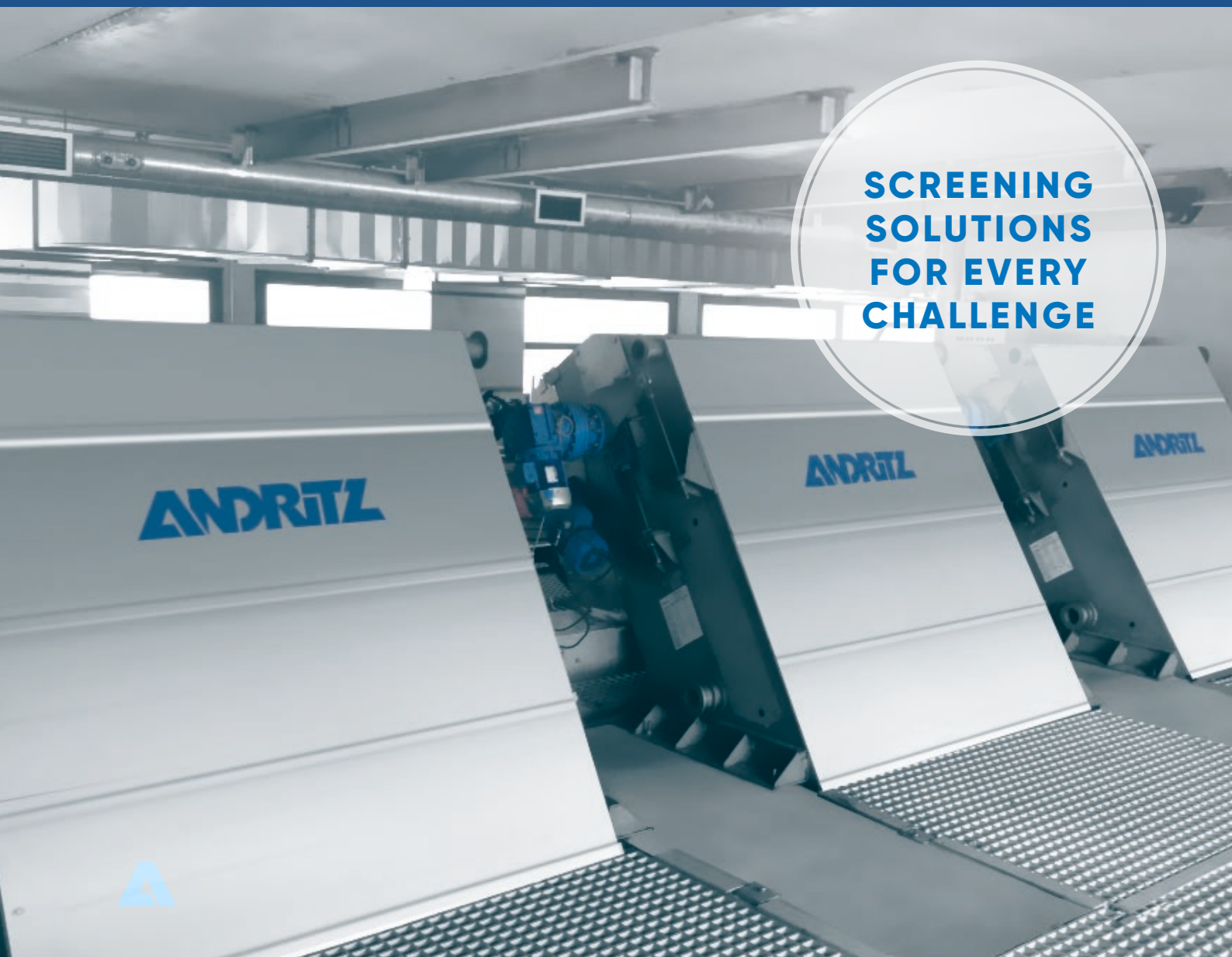


SCREENING WITH EFFICIENCY FOR PRE-TREATMENT

Screening range for wastewater treatment

ANDRITZ

ANDRITZ offers a comprehensive portfolio of screening technologies designed to meet the most demanding municipal and industrial wastewater challenges. From coarse and fine Aqua-Screen systems to highly efficient rotating drum screens such as the Girapac series, our solutions ensure reliable removal of suspended solids and optimal protection of downstream processes. With robust designs, proven separation performance, and configurable features, ANDRITZ screens deliver consistent efficiency and operational reliability across a broad range of applications.



SCREENING SOLUTIONS FOR EVERY CHALLENGE

One step forward in efficient screening

Proper screening is the first and one of the most important steps in a wastewater treatment plant (WWTP).

WHAT DAMAGE DOES POOR SCREENING CAUSE?

Poor screening allows debris and fibers to pass into the biological stage, where they clog diffusers, foul pumps, and reduce oxygen transfer efficiency. This leads to higher energy consumption, unstable treatment performance, and increased risk of non-compliance. In addition, screenings reaching the clarifiers and sludge treatment equipment cause mechanical wear, blockages, and higher maintenance costs across the plant.

HOW TO SELECT THE RIGHT SCREENING TECHNOLOGY?

Critical parameters must be taken into account when selecting proper screening technology as each application or project is different.

These are just some of the critical parameters when selecting the correct equipment:

- Application
- Flow
- Load
- Composition of screenings (sticky, fine, etc.)
- Size of screenings

With more than 150 years of experience in the design and manufacturing of solid/liquid separation technologies, ANDRITZ can help you find the right solution to meet your specific screening requirements.

Aqua-Screen commonly used for pre-treatment

Aqua-Screen B, a robust fine and coarse screening for wastewater treatment

The ANDRITZ Aqua-Screen B delivers reliable and efficient fine and coarse screening wastewater applications. Its proven multi rake bar screen technology ensures continuous cleaning, stable operation under varying loads, and high solids removal performance. Designed for demanding environments, Aqua-Screen B combines robust stainless steel construction with flexible installation options, making it a durable and versatile solution for a wide range of channel configurations.

Aqua-Screen B operates with a series of multi-rakes driven by motorized rolling chains. This mechanism continuously cleans the screen bars and transports captured solids to the upper discharge zone, maintaining high screening efficiency and reducing manual intervention.

INSTALLATION FLEXIBILITY

The system can be installed in channels up to 3 meters wide and 20 meters deep, with inclinations between 75° and 90°. It supports coarse screening with bar spacing from 15 to 80 mm and fine screening from 4 to 12 mm, making it adaptable to diverse site conditions and hydraulic loading rates.

Aqua-Screen B, a multirake bar screen for fine and coarse screening

DURABLE STAINLESS-STEEL CONSTRUCTION

Built entirely from stainless steel, Aqua-Screen B ensures long-term reliability in harsh wastewater environments. HDPE guides and roller chains replace gear wheels in the lower section, reducing wear and maintenance needs.

ENHANCED PROTECTION AND SMOOTH OPERATION

Specially designed bumper guards protect the screen bars, ensuring smooth operation even under demanding loads. This design minimizes downtime and safeguards equipment, contributing to overall plant efficiency and cost savings.

YOUR BENEFITS

- Entirely made of stainless steel for a robust design
- No gear wheel in the lower part, HDPE guides with roller chain for less wear and easier maintenance
- Screenings discharge either upstream or downstream
- Simple design for long-term reliability
- Custom-built configuration
- Low operating costs and easy maintenance
- Wear parts and electrical equipment located out of the water and accessible from the operating floor

Aqua-Screen S, an all-in-one integrated solution

The ANDRITZ Aqua-Screen S screw screen compactor delivers reliable, high performance screening and dewatering for municipal and industrial wastewater applications. Combining filtration, transport, and compaction in a single unit, these systems reduce solids volume, lower disposal costs, and ensure clean, hygienic handling - even under demanding operating conditions.

Designed for maximum operational efficiency, the system filters wastewater using a cylindrical screen basket available in wedge wire (0.25–2 mm) or perforated plates (2–10 mm). Incoming flow passes through the 360° screening surface while solids are retained and lifted by a shaftless or shafted screw equipped with brushes for continuous basket cleaning.

As solids accumulate, a level sensor automatically activates the screw, initiating both conveying and washing sequences. Brushes and optional spray bars ensure thorough internal cleaning, restoring upstream water level and preventing clogging. The screenings are transported toward the compaction zone, where reduced screw pitch and a perforated dewatering drum achieve significant volume and weight reduction – up to 50-70% depending on configuration – with dryness levels of 35-40%.

Multiple installation configurations are available, including horizontal, inclined, or fully vertical designs, allowing integration into channels, tanks, or direct pipe connections. Optional equipment such as continuous bagging systems, anti-blocking devices, additional washing stages, and cold climate insulation further enhance performance and ease of operation.

Built for durability and easy maintenance, the compaction chamber offers safe access via inspection doors, while the screw assembly and washing components are designed for fast servicing. The result is a robust, compact system that increases plant efficiency, minimizes manual handling, and provides continuous, trouble free operation throughout the wastewater treatment process.

YOUR BENEFITS

- **Three functions in one single unit (screening, conveying, compacting) for space saving**
- **Possibility to work without coarse screen**
- **Installation in channel or stand-alone unit in tank**

Aqua-Screen S, screw screen compactor

Aqua-Screen T, a self-washing, continuous fine screen

With more than 6,000 references delivered over more than 45 years, and recognized as the most efficient headwork screen, the ANDRITZ Aqua-Screen T fine screen is one of the most reliable screening technologies available on the market today.

Working on the same principle as an escalator, the ANDRITZ Aqua-Screen T fine screen lets the influent pass through a mesh of filter elements made of replaceable teeth. Together with their supporting rack, these teeth create a bi-dimensional filtering surface, making the unit ideal for any front end screening installation. This bi-dimensional separation ensures high capture efficiency, further enhanced by a lifting system that prevents screened particles from breaking up during removal.

The hook-shaped filter elements can capture particles of various sizes and handle uneven flow conditions. Their long peak also removes large items – a unique feature in fine screening technology.

ANDRITZ Aqua-Screen T, a proven bi-dimensional fine screen

Made of shock absorbing acrylonitrile butadiene styrene (ABS), the retractable teeth return to their original shape, making the Aqua Screen T one of the most efficient self cleaning screens. As the toothed elements move around the screen, the retracting motion creates an effective self cleaning effect that removes fibers, screenings, and solids. A dedicated brush and wash water spray then eliminate any remaining sticky or fine particles.

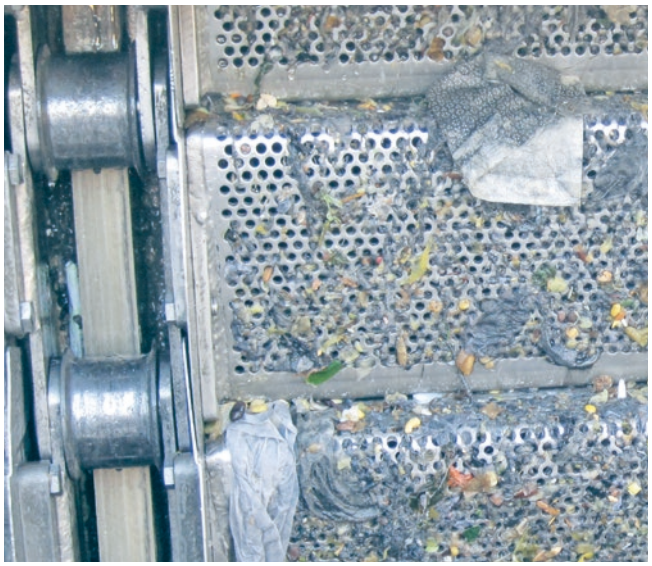
YOUR BENEFITS

- Pop-out / pop-in modular filter racks that can be replaced easily from the front of the screen with optimum accesibility for ease of maintenance
- Improved teeth design allowing increased screening and lifting capacity
- Improved capture rate
- Optimal efficiency thanks to bi-dimensional separation and unmatched lifting capacities (dimensions/quantity)
- Fewer wear parts means reduced maintenance costs
- No submerged bearing for maintenance ease and increased lifetime
- Can be adapted to handle the most challenging applications
- Also available in off-channel, tank-mounted version

High capture rate with Aqua-Screen P perforated plate fine screen

Building on our extensive experience with other screening technologies, ANDRITZ has developed the ANDRITZ Aqua-Screen P fine screen, a perforated-plate fine screen. It allows high capture rates of up to 85%, which is the best level ever achieved for headworks in WWTP.

The ANDRITZ Aqua-Screen P fine screen is equipped with a continuous belt that can be easily installed in any type of channel. Working on the same principle as an escalator, the Aqua-Screen P fine screen lets the flow circulate through it, at the same time allowing separated elements to travel back up by using an exchangeable perforated plate. The perforated plate has steps every 10 to 20 cm, enabling it to handle larger elements and provide greater removal capacity compared to conventional perforated screens.



ANDRITZ Aqua-Screen P, a fine screen with great removal capacity

The P version optimizes the screening capture rate thanks to its circular mesh, while the lifting system prevents screened particles from being broken up when they are removed. To eliminate undesirable elements from the screen, an adjustable, rotating brush is used to increase cleaning performance, assisted by a bi-directional spray ramp system at the rear of the machine.

YOUR BENEFITS

- Pop-out / pop-in modular filter racks that can be replaced easily from the front of the screen with optimum accesibility for ease of maintenance
- Circular mesh allowing the best capture rate in fine screening
- Separation in two dimensions for higher capture rate (the same mesh vertically and horizontally)
- Double cleaning system outside the filtration area, allowing optimal efficiency
- Perforated plate has a modular design, thus fewer spare parts are needed and the supply chain is shortened
- No submerged bearing for maintenance ease and increased lifetime
- Increased cleaning performance thanks to adjustable cleaning brush and bi-directional spray ramp
- Available in a 60° angle configuration to meet specific regional needs

Aqua-Screen MBR, a high capacity drum screening and compaction system

The Aqua-Screen MBR is an efficient rotary drum screw screen designed for municipal and industrial wastewater. It combines screening, conveying, and compaction in a single unit, ensuring effective solids removal and volume reduction even in demanding environments.

The Aqua-Screen MBR system uses a rotating drum screen made from perforated plate (2-10 mm) or wedge wire mesh (0.25-2 mm) to filter incoming wastewater and retain solids. As the drum rotates together with the screw, screenings are lifted from the filtration surface and transferred toward the compaction and dewatering zone, reducing volume and weight by over 40%. The machine can be installed directly in a channel or inside a stainless steel tank, depending on site requirements.

An automated control system ensures efficient operation. When water levels rise, the drum rotates and an integrated washing system cleans the surface. High-pressure nozzles maintain optimal filtration efficiency while minimizing water consumption.

Screenings are conveyed toward the compaction module where a reduced screw pitch achieves dryness levels up to 35%. This significantly lowers downstream handling costs. Optional bagging systems are available for clean and hygienic waste management.

For applications with high solids content, the Aqua-Screen MBR is also available in a dual motor configuration, providing independent control of screw and drum rotation. Multiple drum diameters (up to 3,000 mm) and a wide range of flow capacities - up to 6 m^3/s depending on mesh size - make the MBR suitable for both large and small wastewater installations.

Routine maintenance is straightforward thanks to secure inspection access on the compaction chamber. The system's design ensures safe, quick servicing with minimal downtime.

YOUR BENEFITS

- **Up to three functions in one single unit (screening, conveying, compacting) for space saving**
- **Single or dual gear motor drive (for high solids content applications)**

Aqua-Screen MBR, one single unit to perform up to three functions, with or without compactor

Aqua-Screen M, internal drum screening for reliable solids capture

The Aqua-Screen M is an internally fed drum screen designed for efficient solids removal in municipal and industrial wastewater applications.It combines high capture efficiency, integrated washing, and smooth conveying in one compact system.

Wastewater enters inside the drum through an internal distribution system that ensures uniform flow across the screening surface. Available with perforated plate or wedge wire screens (0.25–10 mm), the unit provides high solids capture efficiency, typically 70–80%, depending on mesh size.

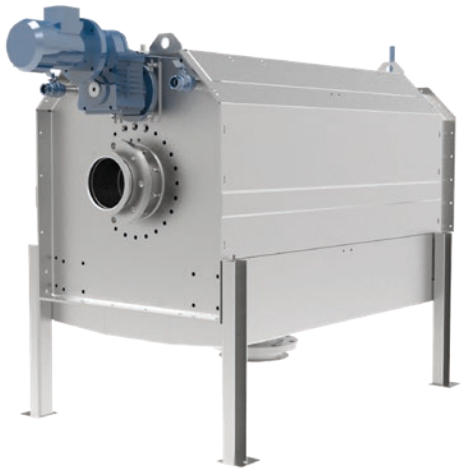
As the drum rotates slowly, screened water flows outward while solids remain inside. Internal lifting plates transport captured material to the discharge zone, where an integrated screw conveys screenings out of the unit. This combined screening and conveying design improves overall process efficiency.

To maintain optimal performance, the Aqua-Screen M incorporates a comprehensive cleaning system including external spray nozzles, optional internal washing, and a drum mounted cleaning brush, ensuring continuous removal of debris with minimal water consumption. The drum is driven by a robust chain transmission system designed for long-term reliability.

The Aqua-Screen M range covers multiple standard drum diameters up to 2,000 mm and offers flow capacities up to 1,000 m^3/s, depending on screen opening and model size. Its fully enclosed, low-noise design makes it suitable for municipal wastewater as well as food, chemical, beverage, and paper industries.

YOUR BENEFITS

- **Screen openings: 0.25 mm to 10 mm**
- **Drum diameters up to 2,000 mm**
- **Flow capacity up to 1,000 m^3/h**
- **Perforated plate or wedge wire configuration**
- **Fully enclosed, stand-alone unit**



Aqua-Screen M, two functions in one single unit (screening and conveying) for space saving

Aqua-Screen range in a brief

The ANDRITZ Aqua-Screen range ensures maximum availability with minimum maintenance and can be customized for a variety of solid/liquid separation processes. Thousands of customers across the globe rely on the ANDRITZ Aqua-Screen fine screen as an indispensable part of their process – whether in wastewater treatment plants serving entire cities, at large-scale textile manufacturers, or at family-run craft breweries.

Aqua-Screen T and P

PARAMETERS	VALUES VERSION L
Width	500 / 750 / 1,000
Height	1,500 to 7,000 (pitch of 500)
Channel height	1,500 to 6,000
Mesh Aqua-Screen T	1, 3, 6, 10, and 15
Mesh Aqua-Screen P	3 and 6*
Material	304L or 316L*

PARAMETERS	VALUES VERSION XL
Width	900 / 1,200 / 1,500 / 1,800 / 2,100
Height	2,500 to 10,000 (pitch of 500)
Channel height	1,500 to 9,000
Mesh Aqua-Screen T	1, 3, 6, 10, and 15
Mesh Aqua-Screen P	3 and 6*
Material	304L or 316L*

* Others upon specific request

Aqua-Screen S

PARAMETERS	VALUES
Width	200 / 300 / 400 / 500 / 600 / 700 mm
Height (bottom → discharge)	2,300 to 2,550 mm
Inlet DN	DN100 to DN350
Outlet DN	DN150 to DN500
Overall height	3,000 to 4,000 mm
Installation angle	35°–45°
Available mesh sizes	0.25 / 0.50 / 1.0 / 2.0 / 3.0 / 5.0 / 6.0 / 8.0 mm
Flow capacity (m^3/h)*	20 to 1,000 m^3/h

Aqua-Screen MBR

PARAMETERS	VALUES
Channel width	600 / 800 / 1000 / 1200 / 1400 / 1600 / 1800 / 2000 / 3000 mm
Water level range	350 to 2,600 mm
Angle installation	35°
Available mesh sizes	0.25 / 0.50 / 1.0 / 1.5 / 2.0 / 3.0 /5.0 / 6.0 / 8.0 / 10 mm
Flow capacity (m^3/h)*	35 to 8,500 m^3/h

Aqua-Screen M

PARAMETERS	VALUES
Drum diameter	Ø600 to 2,000 mm
Drum length	600 to 4,000 mm
Inlet	DN100 to DN500
Outlet	DN200 to DN700
Available mesh sizes	0.25 / 0.5 / 0.7 / 1.0 / 1.5 / 3.0 / 6.0 / 8.0 / 10 mm
Flow capacity (m^3/h)*	1.5 to 1,000 m^3/h
Drive system	Gear ring or chain drive
Construction material	Stainless steel 304L / 316L / Duplex / Super Duplex

* depending on spacing, model and application

Separation, sieving, desanding, and degreasing with Girapac and Girasieve

ANDRITZ rotating drums – Girapac and Girasieve – are compact, fully enclosed units designed for municipal and industrial wastewater pre-treatment. They combine efficient solids separation with sieving, desanding, and degreasing in a single system. Girapac additionally integrates compaction and bagging for complete screenings management.

PRINCIPLE

The ANDRITZ rotating drum screens deliver highly efficient separation of suspended solids in municipal and industrial wastewater. As the influent enters the distribution tank, it is evenly guided over the rotating drum. Water passes through the mesh while oversized particles remain on the surface, where they are lifted and precisely removed by a scraper.

The screenings then fall into the integrated shaftless screw compactor. As the screw transports the material, a spring-loaded check valve provides controlled backpressure for effective dewatering and volume reduction. Compacted screenings are automatically discharged into a continuous plastic bagging unit for clean, hygienic handling. Filtrates generated during compaction are returned internally to the filtrate tank, ensuring a fully enclosed process.

The lower drum section supports continuous self-cleaning: water flow naturally rinses the mesh, complemented by an internal washing ramp for uniform cleaning. For more demanding applications, optional spray bars – including hot-water cleaning up to 90°C or high-pressure systems up to 100 bar – ensure consistent performance in challenging conditions.

Maintenance is quick and intuitive. Inspection hatches provide fast visual access to the compacting zone, which can be removed within minutes for external cleaning without special tools. The open drum design and accessible washing ramp further simplify routine checks and minimize downtime.

With robust construction, efficient screening, and integrated compaction, Girapac and Girasieve offer a compact, all-in-one solution that boosts plant performance, reduces waste volume, and ensures reliable, trouble-free operation.

YOUR BENEFITS

- Suitable for upgrading existing plants
- Enclosed, stand-alone, plug-and-play unit
- Low maintenance
- Robust wedge wire drum design
- Integrated compaction and bagging
- Scraper positioned for higher capture

GIRAPAC OR GIRASIEVE: WHAT MAKES THE DIFFERENCE?

Girapac – Best for municipal wastewater

Optimal distribution tank reduce sedimentation and 0.75 mm mesh improve removal of screenings, sand, and grease with minimal operator intervention.

Girasieve – Ideal for industrial applications

Designed for higher flow rates and demanding effluents. The conveying/compacting system is not included as standard but can be added when the material characteristics allow efficient compaction.

Girasieve

STANDARD DESIGN AND FEATURES

- Flow rates up to 1,000 m^3/h (Girasieve) and up to 225 m^3/h (Girapac)
- Stainless steel construction
- Wedge wire drum with mesh sizes from 0.15 to 2.5 mm
- Efficient washing system for reliable operation
- Integrated scraper for continuous waste removal
- Fully enclosed equipment for odor, noise and splash control
- Integrated screw conveyor and compactor (Girapac)
- Built-in bypass or overflow protection with alarm

MAIN OPTIONS

- Hydraulic connections with solenoid valves
- Electric pre-wiring with level probe and terminal box
- High-pressure and/or hot washing system
- Insulated compacting zone or full unit insulation
- Double units with common conveying and compacting system

An efficient screw compactor for easy transport of waste

Fully enclosed and stand-alone plug-and-play unit

Girapac and Girasieve range in a brief

GIRAPAC

MODEL	DRUM Ø (mm)	DRUM LENGHTH (mm)	DRUM	SCREW	MAX FLOW (m³/hr)
GP 500	630	500	0.37	0.75	45
GP 1000	630	1,000	0.37	0.75	90
GP 1500	630	1,500	0.37	0.75	135
GP 2000	630	2,000	0.55	0.75	180
GP 2500	630	2,500	0.55	0.75	225

*With standard mesh 0.75 mm (municipal)

GIRASIEVE

MODEL	DRUM Ø (mm)	DRUM LENGHTH (mm)	MOTOR (kW)	FLOW * (m³/hr)
GS 500	630	500	0.37	25-190
GS 1000	630	1,000	0.37	50-385
GS 1500	630	1,500	0.37	75-590
GS 2000	630	2,000	0.55	100-785
GS 2500	630	2,500	0.55	130-980

*The flows stated are for municipal effluent containing up to 200 mg/l of suspended solids, but no grease or fibrous material.

Double Girapac with unique and common screw compactor

HydraSieve, an efficient and maintenance-free static screening

The ANDRITZ HydraSieve is a proven, highly efficient static screen designed for robust solid/liquid separation across municipal and industrial applications. Thousands of installations worldwide confirm its performance in even the most demanding environments.

The HydraSieve operates on the Coandă effect, which causes the incoming liquid to adhere to the curved, triangular bars of the screen plate. As the flow follows the bar profile, liquid passes smoothly through the slots while solids remain on the screen surface. The screen plate is designed with three distinct angles, ensuring:

- Elimination of most liquid
- Deceleration of screenings for improved capture
- Effective drainage before solids exit the screen

A rigid frame distributes the influent evenly across the entire width of the unit and enhances hydraulic acceleration down the plate. The filtered liquid is collected in the base while retained solids move downward for discharge.

Unlike static screens with straight bars, HydraSieve's wave configuration offers major operational advantages:

- Natural self-cleaning effect due to lateral liquid movement
- Reduced blinding and lower cleaning frequency
- Higher flow capacity and the possibility of using finer slot sizes

This wave form concentrates solids at low points and directs liquid away from reinforcement bars, resulting in stable and uninterrupted screening, ensuring quiet operation, minimal maintenance, and long-term reliability.

YOUR BENEFITS

- **No moving parts (no motor, no wear) for almost zero maintenance**
- **Very low installation cost and minimal operating effort**
- **Quiet, reliable operation in harsh or variable flow conditions**
- **Self-cleaning effect through wave-shaped bars**
- **Robust construction in AISI 304L / 316L stainless steel**
- **Multiple width options up to 72" to match flow requirements**

	SLOT OPENING (mm)				
MODEL	**0,25**	**0,50**	**0,75**	**1**	**1,50**
24''	40	45	55	65	75
48''	80	90	110	125	150
72''	120	140	170	195	230

HydraSieve, static screen for solid / liquid separation

Complete pre-treatment solutions – All from a single source

ANDRITZ not only offers a comprehensive range of screening technologies, but also delivers the essential complementary equipment required for a complete and efficient pre-treatment line.

By combining our proven Aqua-Screen solutions with advanced grit washing and integrated pre-treatment units, customers benefit from a single, reliable supplier for all critical steps of the process. This ensures optimal removal of solids, sand, and organics while reducing maintenance, improving plant performance, and simplifying project execution.

COMBO UNIT, A COMPLETE PRE-TREATMENT LINE

The grit classifier and washer can be supplied into a combo unit, a complete pre-treatment line designed to replace screening equipment installed into a concrete channel, a grit removal / clarifier system and a degreasing system, all included now in a compact unit for space savings. This combo unit is the ideal solution for a compact unit for smaller footprint, no civil engineer is needed and thus, allowing an easy installation, and is fully closed (no odour).

YOUR BENEFITS

- **Compact unit for smaller footprint**
- **No civil engineer needed for easy installation**
- **Fully closed system (no odour)**

Combo unit, a complete pre-treatment line for screening equipment, grit removal / clarifier and a degreasing

EFFICIENT GRIT REMOVAL AND WASHING WITH SPIROGRIT AND SPIROGRIT W FOR CLEANER WASTEWATER TREATMENT

The SpiroGrit (grit classifier) and SpiroGrit W (grit washer) deliver powerful performance in removing sand and grit from wastewater—while simultaneously washing away organic matter.

Designed for maximum efficiency, these systems ensure cleaner outputs and smoother downstream operations. Separation is achieved through a combination of flow diversion and reduced flow velocity, which allows solids — such as grit and organic materials—to settle out effectively.

These systems are highly efficient in removing a significant portion of the organic content present in grit. Grit washers, in particular, produce a high-quality grit output with moisture content below 10% and volatile solids under 3%.

Equally noteworthy is their performance in fine particle capture: grit washers can retain particles as small as 0.2 mm with an efficiency of approximately 95%.

YOUR BENEFITS

- **High grit particles capture rate (95% minimum)**
- **With SpiroGrit W, less than 3% organic contents obtained in grits**

Grit classifier with conveyor to separate sandy materials from wastewater

The unmatched ANDRITZ screen portfolio at a glance

Your complete overview of our market leading screening technologies – clear, concise, and designed to guide you to the right solution at a glance.

	Aqua-Screen						Girapac / Girasieve	HydraSieve
	B	**S**	**T**	**P**	**MBR**	**M**		
Tech-nology	Multirake bar screen	Screw screen compactor	Teeth screen	Perforated plate screen	Rotary drum screw screen	Fed drum screen	Rotating drum screen	Static screen
Type	Fine and coarse screen	Fine screen	Fine screen	Fine screen	Fine screen	Fine screen	Fine screen	Fine screen
Screen	6 to 40mm	0,25 to 8mm	1 to 15 mm	3 or 6 mm	0,25 to 8mm	0,25 to 1mm	0,25 to 2mm	0,25 to 1.5mm
Flow (m^3/hr)	Up to 40,000	20 to 1,000	Up to 25,000	Up to 25,000	35 to 8,500	1.5 to 1,000	25 - 980	25 - 175

Values provided for information only – mesh sizes, flow ranges, and configurations available upon request.

APPLICATIONS WHERE ANDRITZ SCREENS FIT

Municipal

- Screening at inlet of sewage treatment plants
- Fine screening ahead of sludge treatment, biofilters, septic sludge
- Water intake
- Rivers, lakes, seawater
- Full pre-treatment of wastewater
- Revamping of the inlet section of a WWTP
- Storm water screening
- Sludge screening
- Raw intake water

Industrial

- Pulp and paper
- Textile industry
- Laundries, tanneries, bleaching, dyeing, etc.
- Screening of industrial intake water
- Screening of fire sprinkler water
- Chemicals, pharmaceuticals, refineries
- Paint sludge

Food processing

- Meat processing, slaughterhouses
- Vegetable and fruit processing
- Food industry
- Fish processing
- Gut processing plants
- Pre-cooked meals
- Sugar refineries, malthouses, wineries, and breweries

The right solution for any separation challenge

PEACE OF MIND, COST EFFICIENCY, AND SUSTAINABILITY – ALL FROM ONE TRUSTED PARTNER.

Regardless of your industry – whether environmental, chemicals, mining and minerals, or food and beverage – efficient separation processes are essential for high product quality, reduced waste, and the responsible use of valuable resources. With our advanced technologies, comprehensive services, and smart automation and digitalization solutions, we deliver peace of mind today and lasting success for tomorrow – efficiently, responsibly, and with measurable impact. What's more, with us you also gain access to one of the world's largest OEM manufacturers for solid/liquid separation for well-known brands such as 3Sys Technologies, Bird, Dedert, Delkor Capital Equipment (Pty) Ltd., Escher Wyss dryers, Guinard Centrifugation, KHD Humboldt Wedag, Krauss-Maffei centrifuges, dryers, and filters, LENSER Filtration, Netzsch Filtration, REINEVELD centrifuges, Rittershaus and Blecher, Royal GMF Gouda, Sprout Bauer, and Vandenbroek.

SEPARATION EQUIPMENT AND SYSTEMS

- Decanter and filter centrifuges
- Filter presses
- Dryers
- Presses and screens
- Extractors
- Thickeners
- Evaporators and crystallizers
- Disc and drum filters
- Screening and filtration components
- Specialized thermal systems

FULL-SERVICE OFFERING

- OEM spare and wear parts
- Maintenance and repairs
- Service agreements
- Automation and digitalization
- Machine and process optimization
- Second-hand and rentals

AUTOMATION AND DIGITALIZATION SOLUTIONS

Site assessment and integration • Advanced process control and artificial intelligence • Simulation and training • Digital twin technology • Data analytics and prediction • Electrification, instrumentation and controls

Enabling 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. It all starts with your specific process requirements and ends with a system that gives you the best results – day in and day out, for decades to come.

ANDRITZ. FOR GROWTH THAT MATTERS.

A WORLD OF SEPARATION SOLUTIONS

ANDRITZ provides mechanical and thermal solid/liquid separation technologies, complemented by comprehensive services, automation, and digitalization solutions for the chemicals, environment, food and beverage, as well as mining and minerals industries. Our customized, innovative solutions focus on minimizing resource consumption and maximizing process efficiency, thus making a substantial contribution towards sustainable environmental protection. With over 150 years of experience and more than 2,700 separation specialists around the globe, we are a driving force in the evolution of separation solutions – enabling industries to meet tomorrow's demands responsibly. **ANDRITZ. FOR GROWTH THAT MATTERS.**

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ANDRITZ.COM/SEPARATION

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