



# ADVANCED MODULAR DESIGN FOR MAXIMUM EFFICIENCY

GeoSET thickener

Reliable liquid clarification and slurry recovery are paramount for uninterrupted production in the mining and minerals industries. ANDRITZ offers the GeoSET thickener – a pre-engineered range designed to meet the diverse needs of your operation with:

- **Modular design:** Easily adaptable and customizable to various process requirements, with a wide range of options
- **Optimized performance:** Achieve maximum efficiency with the integration of Metris addIQ control systems
- **Proven reliability:** Benefit from decades of experience and a robust design for continuous operation and enhanced productivity

GeoSET is the right choice for medium- and heavy-duty operations, maximizing throughput, minimizing downtime and operating costs, improving efficiency by optimizing resource utilization, and enhancing sustainability for more sustainable mining operations.

# ANDRITZ

# Optimized thickening for medium to heavy duty

## Benefits

- Meets the highest demands for economy, efficiency, and reliability over its entire life cycle
- Optimized design, ensuring the most suitable thickener for the application
- Lower torque requirements for lower initial capital expenditure and lower cost of ownership
- Clever design with standardized and interchangeable components
- Automation systems for real-time monitoring and management from any remote location
- Good process performance thanks to half a century of thickener experience: ANDRITZ is a trusted partner

## Features / Technical details

- Feed flow rate range: 140–6,880 m<sup>3</sup>/h
- Optimal underflow percentage solids: 20–60%
- Thickener size: Ø 6–35 m
- Construction: Bolted and welded
- Average delivery time / installation: 10 weeks (EXW) / 2–3 weeks

Depending on your process conditions and settling requirements, your installation time frame, flexibility, and other criteria, we have the optimum solution to suit your needs.

- 1 Even flow 2.0 feed well:** The newly improved feed well reduces turbulence by using guiding fins for enhanced flocculation. Some benefits:
  - Optimal flocculant consumption thanks to enhanced residence time within the feed well
  - Controlled slurry distribution within the feed well with integrated fins to prolong flocculant and feed interaction time
  - Low operating costs
  - Deflector plate scraper and cover outlets eliminate chocking
  - Reduced downtime for maintenance work
- 2 Drive mechanism:** A wide range of hydraulic and electric drive mechanisms ranging from 15 kNm to 720 kNm are available to meet torque requirements
- 3 Modular welded and bolted design:** Allows for quick installation and easy maintenance



## CONTACT

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