The standard of the industry

The Thune™ Screw Press is used for a variety of dewatering and washing applications in mechanical, recycled and chemical pulping processes.

An excellent choice for dewatering in many applications including:

- Removing DCM extractives
- Washing DIP
- Washing high kappa kraft pulp
- Dewatering rejects
- Fiber sludge dewatering

Thune™ Screw Press benefits

Stable discharge consistency
Automatic torque control regulates screw speed according to the process variations to keep a high and constant discharge consistency.

Wide range of capacities
Capacities for single units ranging from 10 to 1000 tons per day, and attainable consistencies of 30% and higher, permit excellent dewatering in a wide range of applications. For upgrades, higher capacities can be reached with the new HiCap screw.

Pilot tests
Pre-purchase, on-site pilot tests or tests in Voith laboratories help to ensure that the Thune™ Screw Press meets a mill's dewatering specifications.

Specially designed screw for handling all pulps
Voith has the know-how and engineering skills to design the most appropriate press screw to meet specific dewatering requirements.
The Thune™ Screw Press

- More than 80 years of dewatering experience
- More than 1,000 references
- All wetted parts of high-grade stainless steel
- The pneumatic counter-pressure system with piston-type individual baffles. This combined with a mechanically adjusted cone ring ensures a high and even discharge consistency.
- The drill pattern of the screens and the close tolerances between the screw flight and the screens prevent blocking.
- Improved hard facing on the screw flight in the high compression zone significantly reduces wear.
- The split screen in the high compression zone enables easy screw flight inspection and maintenance.
- The shaft screen in the high compression zone increases and evens out the discharge consistency.
- Available with mechanical or hydraulic drive.