Voith Paper

VOITH

Thune™ Screw Press

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

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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.

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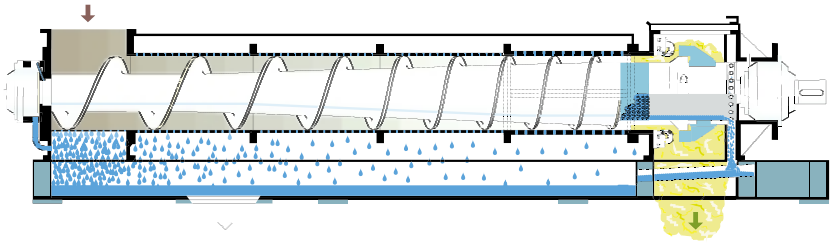

Technical Data

Model	Height mm	Length mm	width mm	Net weight kg	Nominal capacity BDMT/D
SP 23	665	2560	660	850	20
SP 32L	880	4010	950	2600	60
SP 45L	1159	4160	950	3200	120
SP 45SL	1159	4910	950	3700	120
SP 70L	1500	6470	1420	9900	300
SP 70SL	1500	7670	1420	10700	300
SP 100L	2050	7880	1700	14900	500
SP 100SL	2050	9380	1700	16000	500
SP 150L	2685	9948	2245	28250	1000
SP 150SL	2685	11948	2245	30650	1000

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.

VOITH

Engineered reliability.

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