

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



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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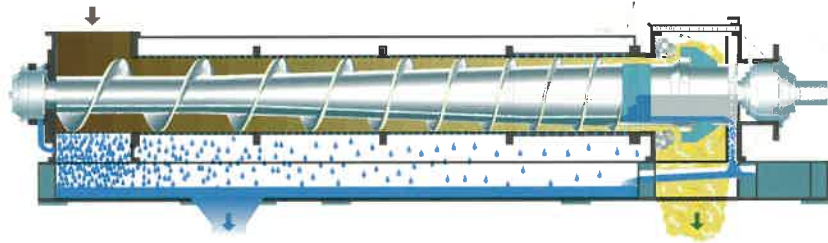
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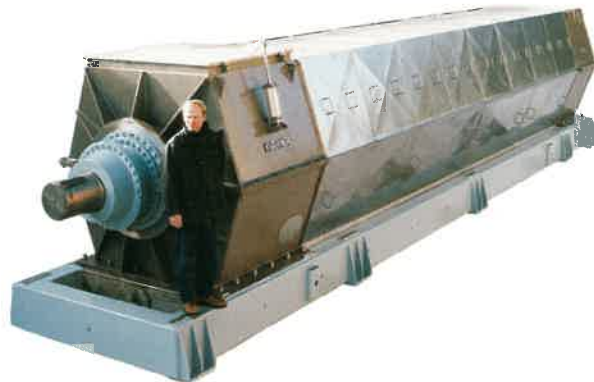
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Technical Data

| 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.