

## 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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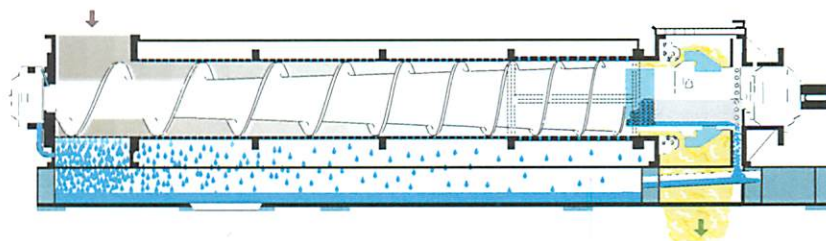
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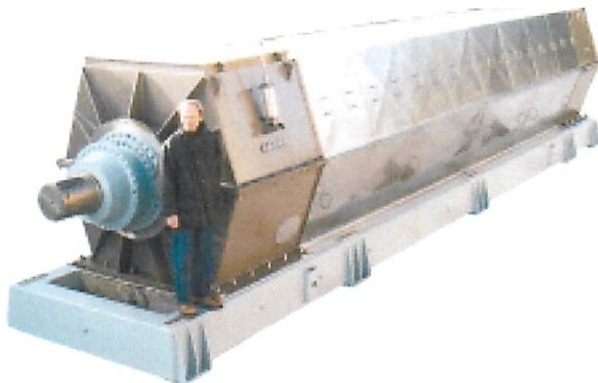
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### Technical Data

| Model    | Height<br>mm | Length<br>mm | width<br>mm | Net weight<br>kg | Nominal<br>capacity<br>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.*