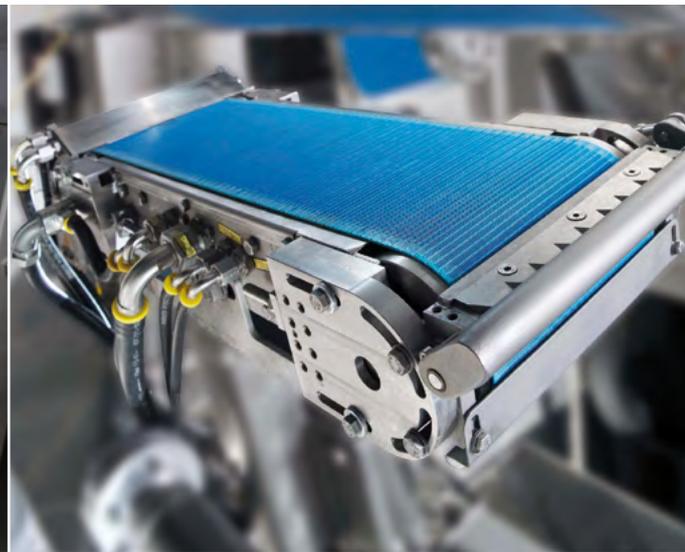


## PrevoSystems Safe and reliable threading systems



The market demands for efficient processes and a high runability. The threading process also plays a central role here, especially in the dryer section of the paper machine. Due to inefficient threading processes, up to 60 minutes of production time can be lost after each break and start-up. In addition, in many cases there is a substantial safety risk for the operating personnel, who must undertake a manual intervention in the threading process.

### **Increased safety and shorter threading times**

Voith has thus developed PrevoSystems, fully automated threading systems. They ensure the highest level of safety for the operating personnel, reliable threading processes and short threading times.

### **All advantages at a glance**

---

- + A higher runability and productivity due to short threading times
- + More safety for the operating personnel due to fully automated systems
- + Easy operation
- + System pre-settings allow functionality on a large range of grades
- + Reduced production loss even after a restart of the paper machine
- + Short amortization time

### Tail threading at full operating speed

At the last drying cylinder, the threading tail is cut in machine direction, removed with a PrevoLift device and cut with a PrevoCut device. The transport of the tail into a rope nip or to the next conveyor is done with a Prevo conveyor. Voith has developed a reliable vacuum technology specifically for this complex process. It reliably controls the tail and leads to very short threading times.

Thanks to the high degree of automation and the controlled tail transport, the threading process is reproducible. Break and loss of time can be minimized after the break or start-up. Another advantage is that during the entire process with PrevoSystems the speed of the paper machine does not have to be reduced.

### Successful in operation

Currently more than 1,000 Prevo threading systems are successfully operating worldwide. With the proven PrevoSystems

technology, a threading time between 20 seconds and 2 minutes per threading section is achieved with all installations. Thus occupational safety for the operating personnel is ensured with this system.

### Areas of application

PrevoSystems is used for threading in the press section, in rope nips before size presses, coating sections, calenders and end sections (also entirely ropeless). The individual subproducts, smaller components and the pneumatic or electrical controls are combined as a complete solution adapted to the individual requirements of the customer. The pre-settings of the system do not have to be changed for a grade change.

### Portfolio: threading systems

Based on the developments mentioned and the associated savings and safety aspects, Voith can offer an extensive portfolio for the threading process throughout the entire paper machine.

## All threading systems and TailCutter and EdgeTrim at a glance

Sections	Forming	Press	In dryer sections	Through coating units	Through calenders	Through end sections
<b>Threading systems</b>						
PrevoSystems DryEnd				●	●	●
PrevoSystems WetEnd		●				
TailBlade			●			
RopeRings			●			
<b>TailCutter and EdgeTrim</b>						
PrevoCut DC				●	●	●
PrevoCut STC/DTC				●	●	●
PrevoCut H/DH	●	●				
HydroSquirt	●					
PrevoCut ET				●	●	●

### Contact

Asia: Kunshan, China      Tel: +86 512 5799 3600  
 Europe: Heidenheim, Germany      Tel: +49 7321 37 2487  
 North America: Wilson (NC), USA      Tel: +1 252 265 4405  
 South America: São Paulo, Brazil      Tel: +55 11 3944 4966

### Further Information



paper@voith.com  
[www.voith.com/paper](http://www.voith.com/paper)

