



# Up to a faster startup! +Up

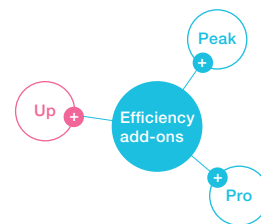
Our Efficiency Add-On +Up is a modular treatment for all press fabrics applications in tissue manufacturing.

It guarantees a smoother and especially faster startup performance with an increased production. With our unique +Up, Voith enables a higher saturation capability during startup while maintaining the same long-term performance and higher production yield over the run of one felt cycle.

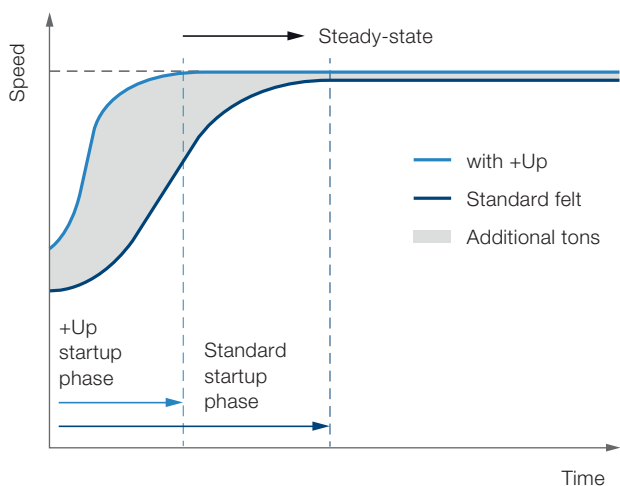
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## Benefits

- + Fast startup
  - + Higher production
  - + Stable running conditions
  - + Available for all tissue designs
- 



## Faster startup and cost benefit



## Market results

### Machine data

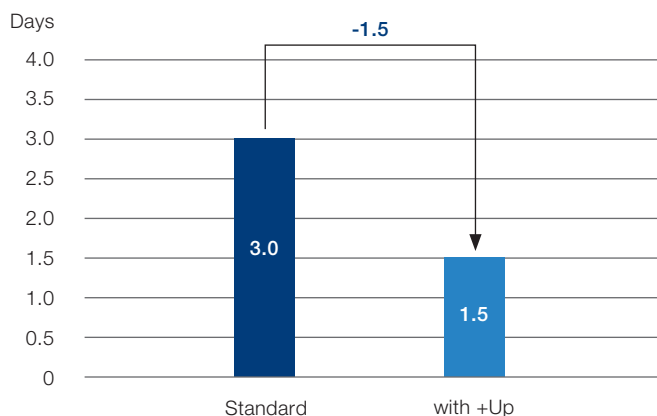
Grade	Tissue
Average speed	1 750 m/min
Annual capacity	73 000 t/year
Average felt life	40 days

### Results and benefits

Average startup time	3 days
Startup time with +Up	1.5 days
Production gains per felt	63 t
Benefits from extra production	109 500 €/year *

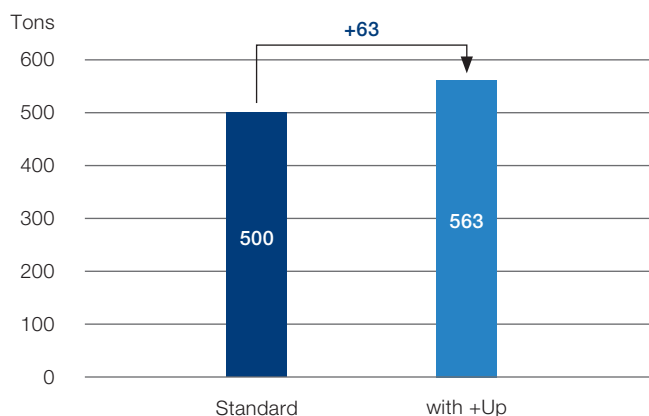
\* with reference net value of 200 €/t

## Average startup time



**1.5 days less for the startup with +Up!**

## Production during startup (first 3 days)



**63 tons production gain per felt with +Up!**

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**VOITH**