

# Fast Forward

## **Product**

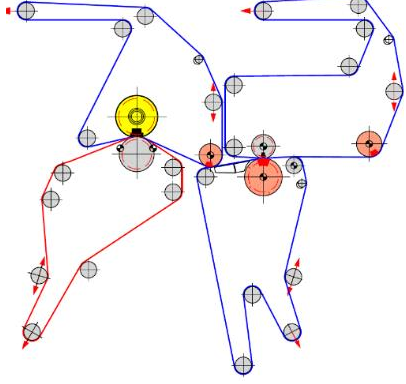
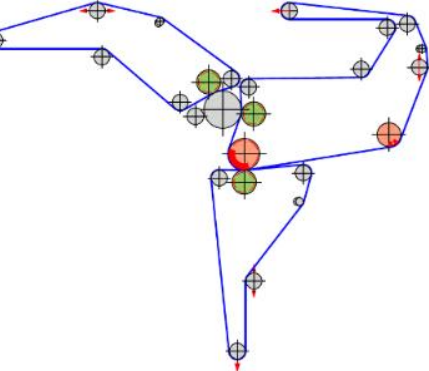
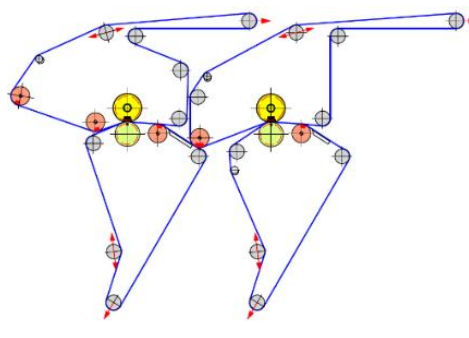
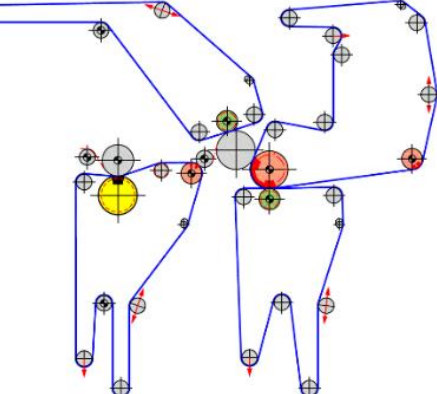
Fast Forward is a module made of special high-tech material that ensures a significant acceleration of the start-up and is available for almost all press felt designs from Heimbach. While conventional felt designs without special start-up assistance need between two and five days to reach full machine speed, the start-up time is reduced to a few hours with Fast Forward. A reduced speed of 100 m/min over two days, twelve times a year, already means an annual loss in the millions (medium-width machine). Fast Forward can be used on almost all types of machines.

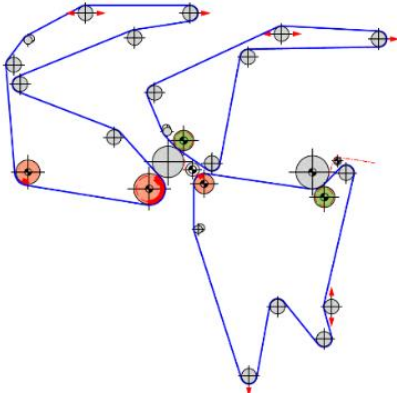
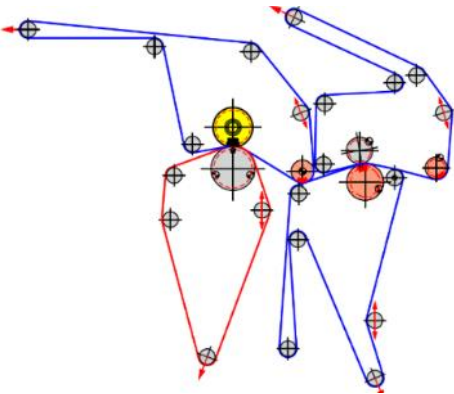
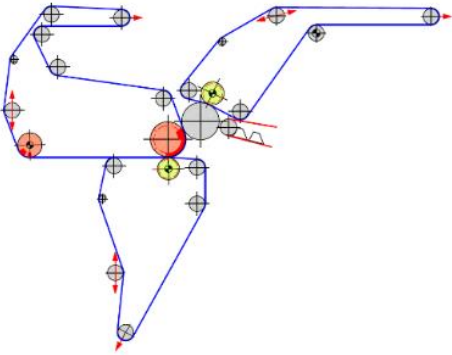
## **Advantages**

- Significant acceleration of the start-up
- Very high dewatering capacity from the start
- Excellent runnability over the entire runtime
- Available for all Heimbach press felt designs



## References

	<p>PM: TWINVER Speed: 1,230 m/min Width: 8.35 m Paper grade: LWC, 36-63 g/m<sup>2</sup> (raw) Pick-up: Atrocross.F.ff.Connect Evaluation: Enormous reduction in start-up time, previously 36 hours - now 1.5 hours! Fastest start-up in customer history.</p>
	<p>PM: TRI-VENT Speed: 1,540 m/min Width: 9.35 m Paper grade: Standard Newsprint, 40-48 g/m<sup>2</sup> Pick-up: Atroplan.ff.Connect Evaluation: Very good start, very high drainage.</p>
	<p>PM: Tandem NipcoFlex Speed: 1,900 m/min Width: 8.90 m Paper grade: Standard Newsprint, 40-60 g/m<sup>2</sup> 2. press bottom: Atroplan.ff Evaluation: Significant improvement of the start.</p>
	<p>PM: TRI-NIP + 4th press Speed: 1,100 m/min Width: 6.30 m Paper grade: Standard WFC, 50-120 g/m<sup>2</sup> (raw) Pick-up: Atrobond.ff Evaluation: Fast start, fabric penetration completely avoided.</p>

	<p>PM: Optipress  Speed: 1,400 m/min  Width: 10.15 m  Paper grade: Standard WFC, 54 - 90 g/m<sup>2</sup> (raw)  1. press bottom: Atrocross.F.ff.Connect  Evaluation: Rocket-like start-up, high dewatering over the entire running time, no fiber bleeding.</p>
	<p>PM: Optipress  Speed: 1,500 m/min  Width: 7.05 m  Paper grade: Copy paper, 60-120 g/m<sup>2</sup>  Pick-up: Atrojet.ff  Evaluation: Very good performance.</p>
	<p>PM: Sympress-2  Speed: 1,400 m/min  Width: 9.30 m  Paper grade: Copy paper, 70-100 g/m<sup>2</sup>  1. press bottom: Atroplan.ff.Connect  Evaluation: Very good performance.</p>