



Leno Weaving

PosiLeno® is the innovative, flexible and heald-based weaving system.

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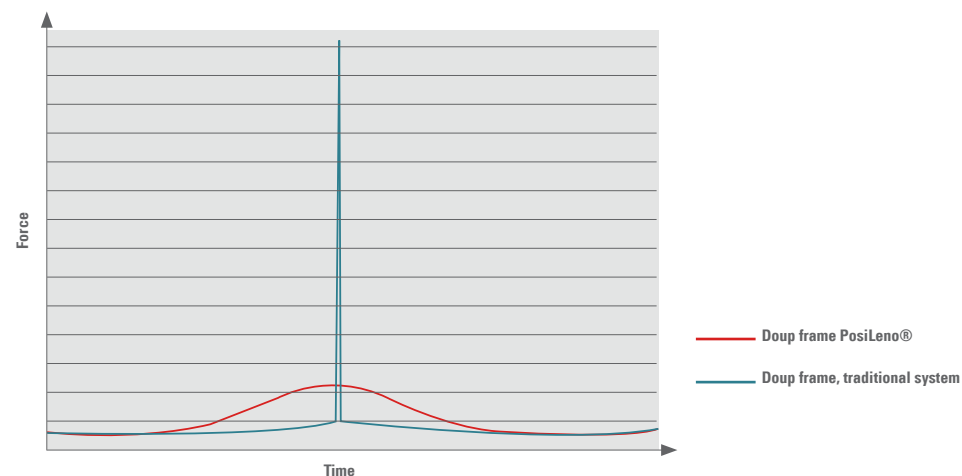
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The advantages

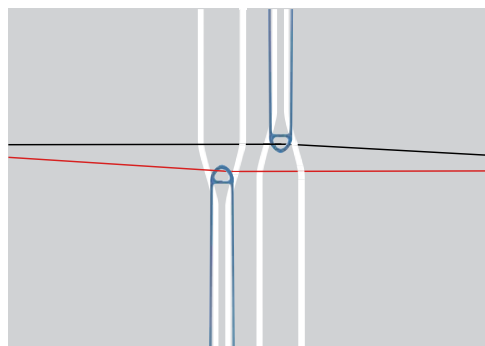
Optimized shed formation movements for doup frame, heald frame and warp yarn have successfully doubled output in relation to conventional leno systems - and that's not all.

- Up to 100 % higher production speeds on existing machines
- Unlimited patterning possibilities
- Full article-change flexibility is retained
- Standard fabrics can be produced on the same weaving machine.
- Simple and efficient installation
- Optimized shed formation movements

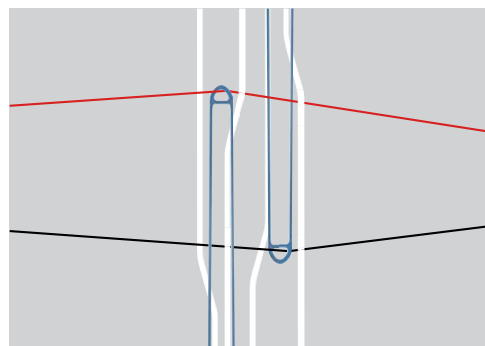
Accelerations with traditional system and with PosiLeno®



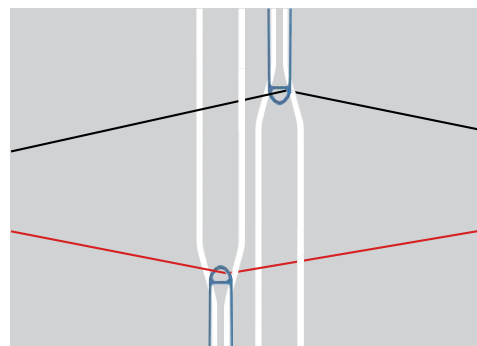
Shed formation movement



In center shed position, the leno end remains below the standard end. The optimized design of the leno healds guarantees the ideal distance between the heads of the doup healds at all positions of the lifting frames.

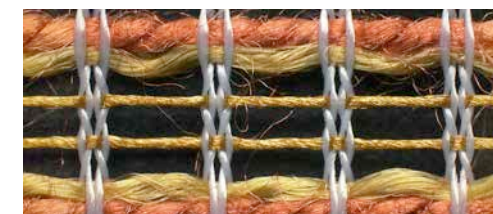


The leno end is raised into the cross shed, the standard end is lowered into the cross shed.



Change from leno weave to plain weave: The leno end is in the lower shed, the standard end in the upper shed.

Leno fabric





Upper shed leno heald frame



Lower shed leno heald frame



Upper-lower shed leno heald frames

Designation	Leno healds			Distance inside end loops	Max. shed opening		Max density		Suitable for warp yarns				
	Lifting healds		Doup healds		Synthetic	Rust resistant steel	Synthetic	Rust resistant steel	Tex system	Metric no.	Silk titre	Engl. no.	
	Synthetic	Rust resistant steel	Tempered steel nickel-plated									Cotton	Worsted yarn
	mm	mm	mm									NeB	NeK
GROB® TEX	3.50 x 1.50	2.45 x 0.27	126 x 9 x 0.3	331	80	95	3	5	125	8	1,100	5	7
	3.50 x 2.00	2.50 x 0.60	126 x 11 x 0.5	331	80	95	2	3	170	6	1,500	4	5
GROB® TRA	3.50 x 1.50	2.45 x 0.27	152 x 9 x 0.3	382	105	120	3	5	125	8	1,100	5	7
	3.50 x 2.00	2.50 x 0.60	152 x 11 x 0.5	382	105	120	2	3	170	6	1,500	4	5
GROB® TRA	3.50 x 1.50	2.20 x 0.30	111 x 9 x 0.3	331	88	88	3	5	125	8	1,100	5	7
	3.50 x 2.00	2.50 x 0.60	111 x 9 x 0.5	331	88	88	2	3	170	6	1,500	4	5
PosiLeno®	3.50 x 1.50	2.20 x 0.30	136 x 9 x 0.3	382	110	110	3	5	125	8	1,100	5	7
	3.50 x 2.00	2.50 x 0.60	136 x 9 x 0.5	382	110	110	2	3	170	6	1,500	4	5

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