



SpiralVeyor® PF

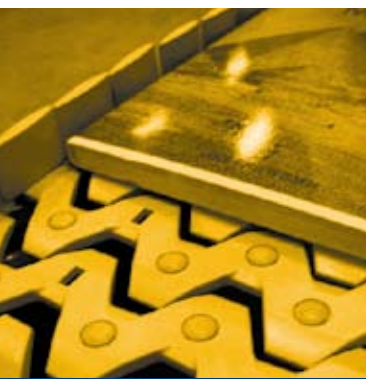
Print Finishing series

- The innovative space saving way of book cooling
- Only one drive needed
- Minimum transfers
- The standard for the leading bookbinding machine manufacturers
- The book line remains constant
- Patented lateral roller system
- Low maintenance design



 **AmbaFlex**
www.ambaflex.com

specialty conveyors



SpiralVeyor® PF

The need to rationalise productions on limited and effectively used floor space asks for clever and reliable solutions. AmbaFlex with decades of experience in graphical handling systems (especially print finishing) introduces the new generation of cooling towers for bookbinding lines. The revolutionary Cooling Tower (type SpiralVeyor®) is applied by the leading bookbinding machine manufacturers and recognised as the standard for industry.

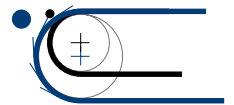
Distinguishing features:

The AmbaFlex Cooling Tower is designed for cooling of books and magazines in an efficient way.

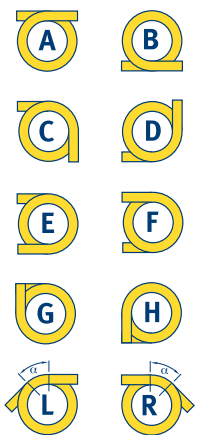
- Enormous belt length on only a few square meter floor space (8-70 meter cooling length per tower).
- A minimum number of belt transfers guarantees an optimal flow of books/magazines and a constant book line.
- The Cooling Tower matches to the production speed of the machines of the world leading binder manufacturers (15,000 to 18,000 per hour)
- Books/magazines running in either single, shingled or stacked flow.
- Very low angle of inclination (2.5° -3.5°).

- Up or down running.
- Featuring the unique TPT "Interlocking Slat Belt"; the most proper belt for conveying books and magazines.
- In moderate speed applications books are transported over belt centre up to a speed of 42m/min. (approx. 6,000/hr).
- In High Speed (HS) configuration books run against the running guides on the outer radius up to 130m/min (20.000/hr).
- The SpiralVeyor®'s end roller (shown in black) has a compact end roller. This ensures that no items may catch between the belt and transition rollers. Compared to traditional spirals (shown in blue) this reduces the gap with more then 50%.

Technical data		SpiralVeyor® PF		
Belt width	400 mm			
Foot print square	2.440 mm			
Number of windings (n)	Transport length (m)		Elevation (mm)	
	Centre line	Outer radius		
1	8	9	350	
2	13	15	600	
3	19	23	850	
4	24	29	1100	
5	30	36	1350	
6	36	43	1600	
7	41	50	1850	
8	47	57	2100	
9	53	64	2350	
10	58	70	2600	
11	64	78	2850	
12	70	85	3100	
Extra deflection				
1/4 = 90° (C & D conf.)	+ 1,7	+ 2,3	+ 60	
1/2 = 180° (E & F conf.)	+ 3,5	+ 4,7	+ 125	
3/4 = 270° (G & H conf.)	+ 5,2	+ 6,9	+ 318	



Configurations:



More info:

- For Spiral Elevators: www.spiralveyor.com
- For Modular Conveyors: www.ambaveyor.com



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