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BOOKBINDERY

RS 300 / RS 310 OVERHEAD CONVEYOR

Requirements & Solutions

The RS 300 (Heatset) and the RS 310 (Coldset) are Heavy-Duty Overhead Conveyors especially designed for safe and smooth transport of thick shingled streams. The RS 300/RS 310 receive the shingled stream through a pick-up station and transport it up or down between two central belts. At the same time, the shingled stream can be twisted up to 180° (RS 300). The superior central belt technology avoids sideloads on the products during vertical conveying and therefore allows the use of minimum pressure on the belts, thus significantly reducing the risk of marking, especially in coldset applications. The modular design of the RS 300/RS 310, with independent belt sections for the vertical twist and the horizontal conveyors makes installation, set-up and maintenance easier. The design also improves the reliability of the Overhead Conveyors and allows for flexible configurations of the horizontal section.

Technical Data

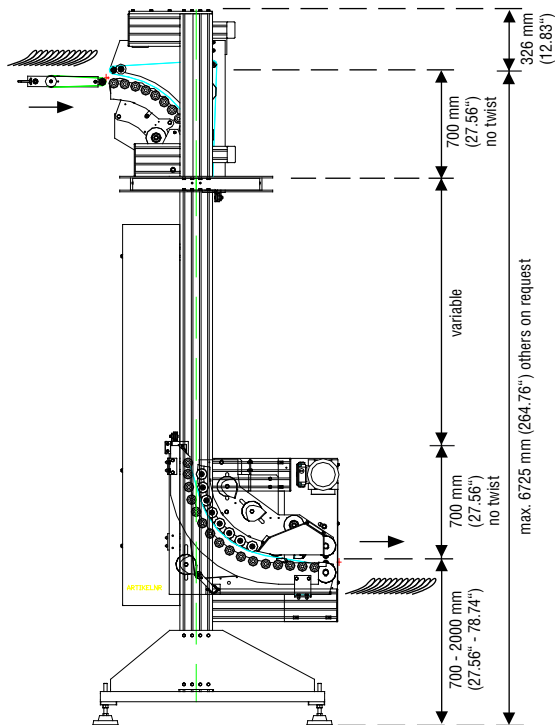
Formats	RS 300 (Heatset)		RS 310 (Coldset)	
	min	max	min	max
Head width "A"*	100 mm (3.94")	340 mm (13.39")	100 mm (3.94")	340 mm (13.39")
Spine length "B"*	165 mm (6.5")	500 mm (19.69")	100 mm (3.94")	500 mm (19.69")
Product thickness*	4 pages @ 57g/m ²	128 pages @ 57g/m ²	8 pages @ 57g/m ²	96 pages @ 65 g/m ²
Twist of shingled stream	0° up to 180° (+ clockwise, - counter clockwise), 15° twist per 230 mm (9") height, no twist possible for 700 mm (28") at lower and upper end		without twist	
Conveying speed*	10 m (394")/min	80 m (3150")/min	10 m (394")/min	80 m (3150")/min
Infeed/outfeed height (lower level)	700 mm (27.56")	2000 mm (78.74")	700 mm (27.56")	2000 mm (78.74")
Infeed/outfeed height (upper level)		6725 mm (264.76")**		5800 mm (228.35")**
Product orientation	spine leading, in single cases: spine to the side possible*			
Input power	400 V, 3~, N, 0.75 kW per upward/downward conveyor			

* Product permitting. Not every product allows to run the minimum and maximum specified.

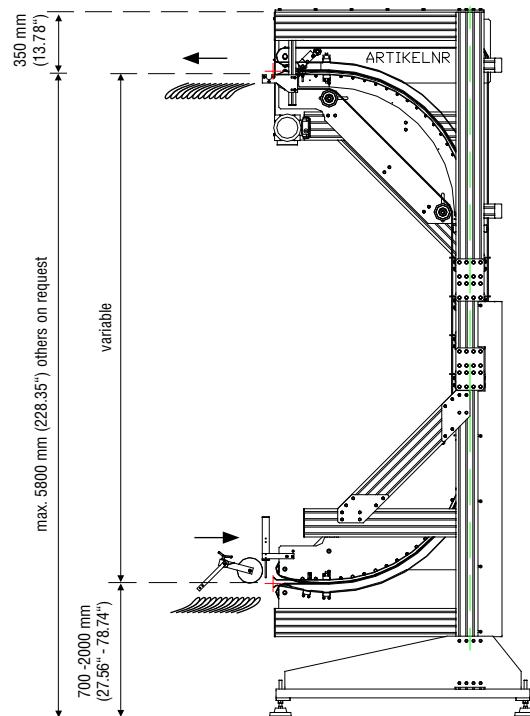
** Higher towers on request (technical clarification needed).

Technical specification available on request. The manufacturer reserves the right to change the technical specifications without prior notice. (RS 300/RS 310-EN-April 2014).

RS 300-102 Vertical Overhead Coveyor (down)



RS 310-100 Vertical Overhead Conveyor (up)



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