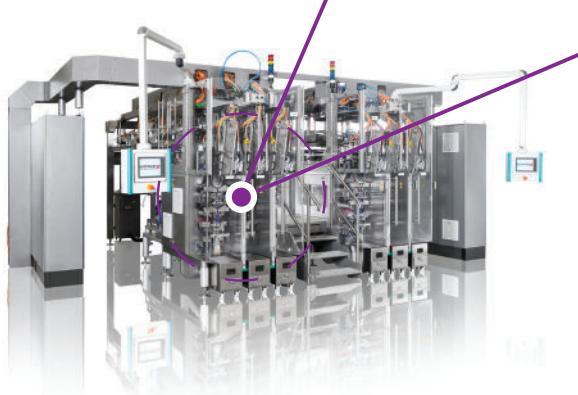
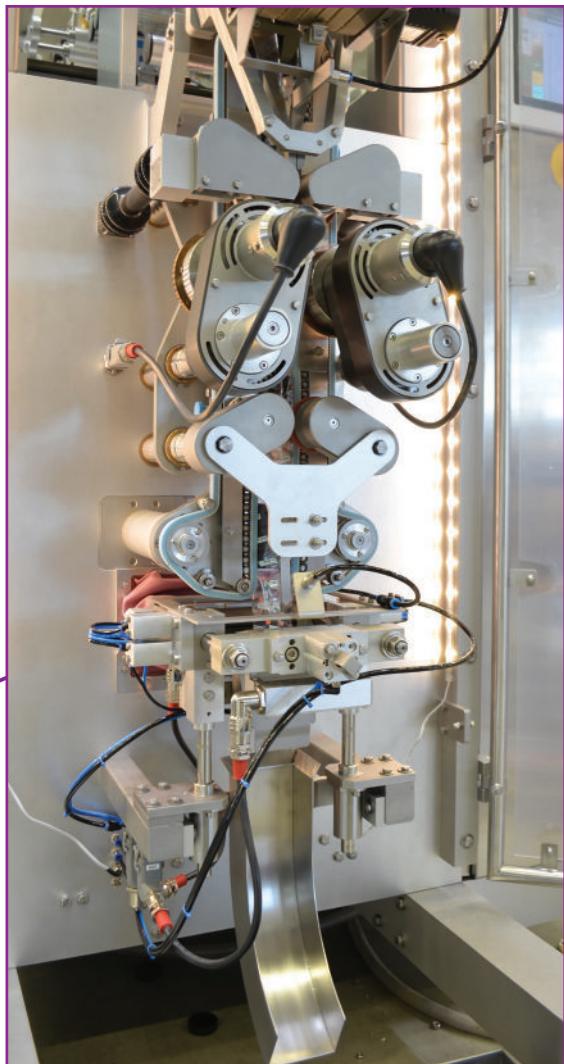


VMW-series.

Vertical Multilane Wrapper



Our new packaging machine VMW for cookies is based on an absolutely new principle of wrapping in a vertical packaging process. The revolutionary machine concept of the VMW brings together a grouping unit for small piece goods and a vertical wrapping process. The machine combines the advantages of a horizontal packaging machine with those of a vertical one. With two different loading positions it is possible to pack products upright standing (on edge) or one above the other (on pile) on the same machine. This is achieved by a completely new grouping module. The packaging format can be changed in less than five minutes, thus allowing the VMW to produce different packaging sizes. One of the machine's key advantages is its space-saving, compact design, which enables it to be used in production sites with limited space.

VMW-series.

Vertical Multilane Wrapper

	VMW	VMW-Duo	2x VMW-Duo	Line with 12x VMW-Duo
Number of lanes	1	2	4	24
Max. infeed	500 pcs/min.	1.000 pcs./min.	2.000 pcs./min	12.000 pcs./min.
Max. output	250 packs/min.	500 packs/min.	1.000 packs/min.	6.000 packs/min.
Products		cookies, sandwich-cookies		
Films		heat- or coldsealable laminate		
BOP (Biscuit on pile)		groups of 1x2, 1x3, 2x1, 2x2, 2x3		
BOE (Biscuit on edge)		7 to 18 ct.		

Packing styles:

Product Count: (biscuits x piles)	Product Layout:	Product Count: (biscuits x piles)	Product Layout:
2 (2 x 1 BOP)		7 (7 BOE)	
2 (1 x 2 BOP)		8 (8 BOE)	
3 (1 x 3 BOP)		12 (12 BOE)	
4 (2 x 2 BOP)		14 (14 BOE)	
6 (2 x 3 BOP)		16 (16 BOE)	
7 (7 BOE)		18 (18 BOE)	

BOE= Biscuit On Edge

BOP= Biscuit On Pile

Additional benefits:

The vertical wrapping and sealing process with a smaller seam width allows cost savings on film up to 20%. The vertical principle and the multilane design reduce the footprint up to 65% compared with existing technology. Together with our specific conveying and infeed system the VMW can be integrated in any existing and new cookie line enabling highest production flexibility.

