

Replace+Refine



W+D Hot Melt Peel and Seal Module

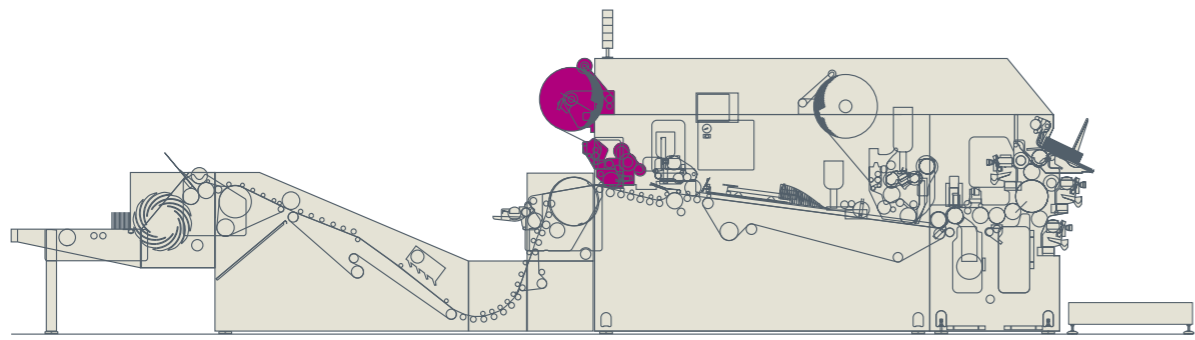
The upgrade package consists of a hot melt peel and seal module that has a glue application head, transport and cutting rolls and a heatable storage tank with a heated delivery hose. In addition, the retrofit package includes an integrated unwinder or the optional W+D 120 unwinder or the material roll changer W+D 190 for a continuous production run. Depending on the machine type and expansion level, addi-

tional components may be required. For existing hot melt adhesive stations on the W+D 102 or W+D 202, the cut-off lengths of the silicone paper strip can be reduced by up to 10 mm by using optional attachments. This equates to a material and cost reduction of up to 30 % compared to the previous minimum possible section length.

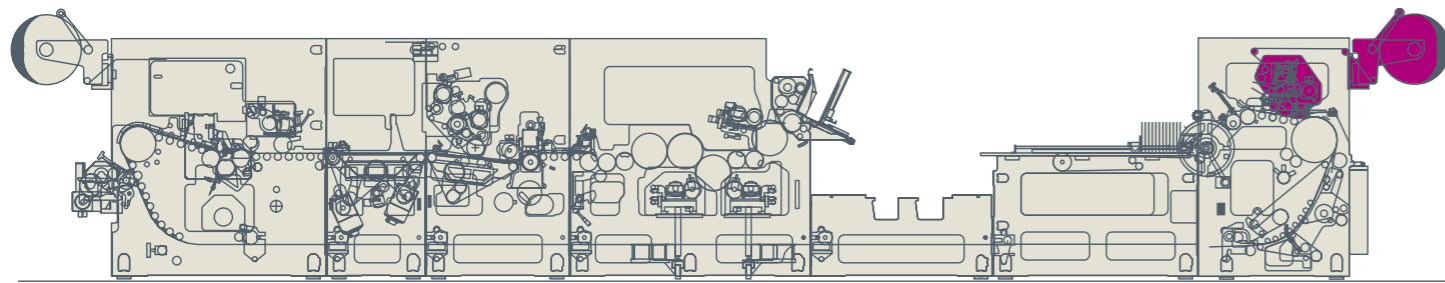
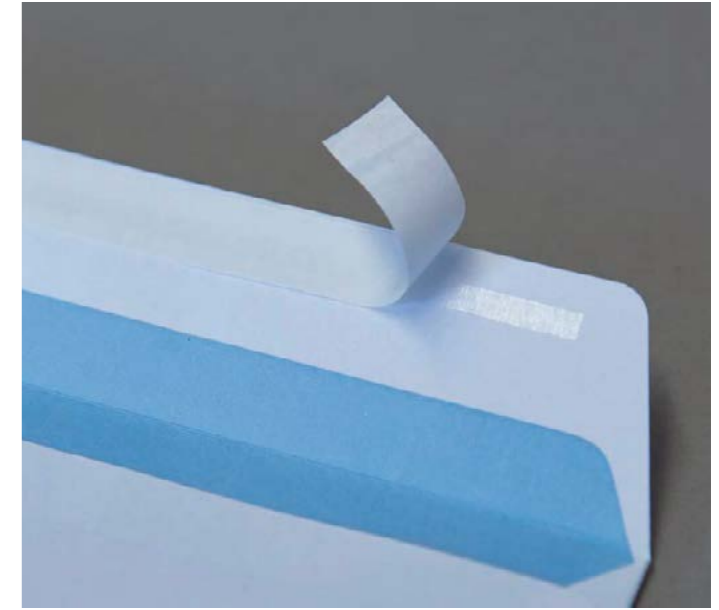
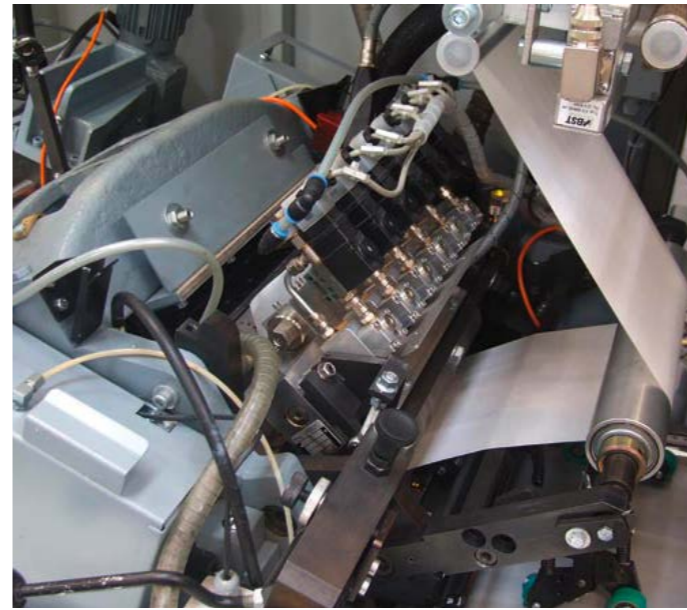


A hot glue stripe is applied to the silicone paper intermittently via a nozzle. Subsequently, the glue-coated silicone paper strip will be placed on the envelope.

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W+D 320 BC



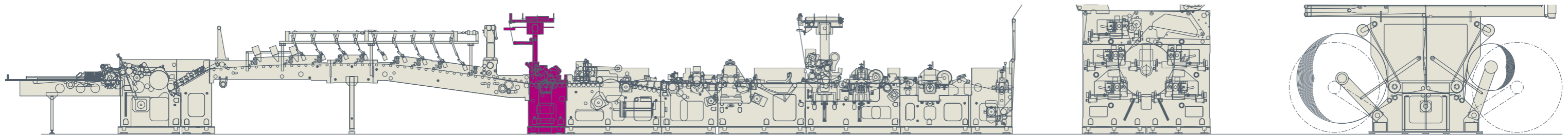
W+D 627 BC

Benefits

- / Material savings through shorter silicone paper sections as short as 10 mm
- / Less glue consumption due to narrower strips of glue and hardly any cleaning waste
- / No time-consuming cleaning of parts that transport glue
- / Oftentimes higher bond strength of the hot glue compared to cold glue

Advantages for customers

- / Extends product portfolio
- / Higher product quality
- / Sustained increase in equipment value



W+D 202 RE

Machine	W+D 320 BE	W+D 326 BC	W+D CLASSIC	W+D 328	W+D 527	W+D 627	W+D 249	W+D 249.41	W+D 341	W+D 102	W+D 202
Hot melt peal and seal module with a storage tank, hose, standard unwinder and protective devices	●	●	●	●	●	●	●	●	●	●	●
Short cut-off lengths of the silicone paper strip	●	●	●	●	●	●	-	-	●	▲	▲
Substructure required	○	○	○	+	+	○	■	■	○	■	■

● Available as a standard feature and as a retrofit ○ Not mandatory ▲ Optional + Additional transport section required ■ Necessary if the machine does not have an adhesive station

Technical Specification

Typ		W+D 320 BE	W+D 326 BC W+D Classic	W+D 328 W+D 527	W+D 627 C/BC	RC/KC
Output (pieces per minute)		350	500	on request	900	1100
Silicone paper	Silicone paper reel	Diameter	max. 500 mm (20")			
		Width	min. 90 mm (3 ¹⁷ / ₃₂ " max. 250 mm (9 ²⁷ / ₃₂ "	min. 66 mm (2 ¹⁹ / ₃₂ " max. 300 mm (11 ¹³ / ₁₆ "	min. 80 mm (3 ⁵ / ₃₂ " max. 300 mm (11 ¹³ / ₁₆ "	
	Winding core inner diameter	70 – 77 mm (2 ³ / ₄ " – 3 ¹ / ₃₂ "				
	Protective strip cut-off length	min. 12 mm (1 ⁵ / ₃₂ " max. 32 mm (1 ¹ / ₄ "			min. 12 mm (1 ⁵ / ₃₂ " max. 22 mm (7 ¹ / ₈ "	
Gumming strip width		min. 84 mm (3 ⁵ / ₁₆ " max. 240 mm (9 ⁷ / ₁₆ "	min. 60 mm (2 ³ / ₈ " max. 290 mm (11 ¹³ / ₃₂ "	min. 70 mm (2 ³ / ₄ " max. 290 mm (11 ¹³ / ₃₂ "		
Gumming strip height		min. 6 mm (1 ¹ / ₄ " max. 26 mm (1 ¹ / ₃₂ "	min. 5 mm (3 ¹ / ₁₆ " max. 26 mm (1 ¹ / ₃₂ "		min. 5 mm (3 ¹ / ₁₆ " max. 16 mm (1 ⁰ / ₁₆ "	
Silicone paper weight		40 – 80 g/m ² (11 – 21 lbs)				

Typ		W+D 102	W+D 202	W+D 341	W+D 249 W+D 249.41	
Output (pieces per minute)		1. 200 ² / 1.200 ³	1. 2000 ² / 1.300 ³	600	on request	
Silicone paper	Silicone paper reel	Diameter	max. 500 mm (20")			
		Width	min. 120 mm (4 ³ / ₄ " max. 250 mm (9 ²⁷ / ₃₂ "	min. 80 mm (3 ⁵ / ₃₂ " max. 305 mm (12")	min. 80 mm (3 ⁵ / ₃₂ " max. 350 mm (13 ²⁵ / ₃₂ "	min. 100 mm (3 ¹⁵ / ₁₆ " max. 360 mm (14 ³ / ₁₆ "
	Winding core inner diameter	70 – 77 mm (2 ³ / ₄ " – 3 ¹ / ₃₂ "				
	Protective strip cut-off length	min. 16 mm (5 ¹ / ₈ " max. 35 mm (1 ³ / ₈ " min. 10 mm (1 ³ / ₃₂ " ¹	min. 16 mm (5 ¹ / ₈ " max. 30 mm (1 ³ / ₁₆ " min. 10 mm (1 ³ / ₃₂ " ¹	min. 12 mm (1 ⁵ / ₃₂ " max. 30 mm (1 ³ / ₁₆ "	min. 18 mm (2 ³ / ₃₂ " max. 60 mm (2 ³ / ₈ "	
Gumming strip width		min. 114 mm (4 ¹ / ₂ " max. 240 mm (9 ⁷ / ₁₆ "	min. 74 mm (2 ²⁹ / ₃₂ " max. 300 mm (11 ¹³ / ₁₆ "	min. 70 mm (2 ³ / ₄ " max. 340 mm (13 ³ / ₈ "	min. 90 mm (3 ¹⁷ / ₃₂ " max. 340 mm (13 ³ / ₈ "	
Gumming strip height		min. 5 mm (3 ¹ / ₁₆ " max. 15 mm (1 ⁹ / ₃₂ "		min. 5 mm (3 ¹ / ₁₆ " max. 24 mm (1 ⁵ / ₁₆ "	min. 5 mm (3 ¹ / ₁₆ " max. 15 mm (1 ⁹ / ₃₂ "	
Silicone paper weight		40 – 80 g/m ² (11 – 21 lbs)				

Economic benefits

Material savings

Increased productivity

Optimized usability

Higher sales

Reduced paper waste costs

- ¹ With the option „reduced section length“
- ² Paper weight < 80 g /cm² (< 22 lb)
- ³ Paper weight ≥ 80 g /cm² (≥ 22 lb)



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All performance data published refers to the production of a defined reference product under certain circumstances reflecting a possible practice of use. The performances achieved in practice depend on a multitude of parameters which are beyond our control. This includes, amongst other factors, the condition of the raw materials to be processed, the shapes of the products, the air humidity and the ambient temperature. W+D reserves the right to make design changes and changes to the performance values.

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With more than 100 years of experience, W+D is the only engineering company to cover the entire envelope mail production value chain: from converting, printing and value ad enhancement systems for the manufacturing of envelopes to highly intelligent mail inserting technology. All with the aim to produce the most complex and personalized letter mail packages for postal system intake. Whether you produce envelopes for transactional mail, direct mail, lightweight e-commerce or special packaging made of paper – we are your solutions partner.

For more about W+D, visit w-d.de.

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