

WINKLER+ DÜNNEBIER WD

381 RB



Envelope Making Machine





Envelope Making Machine

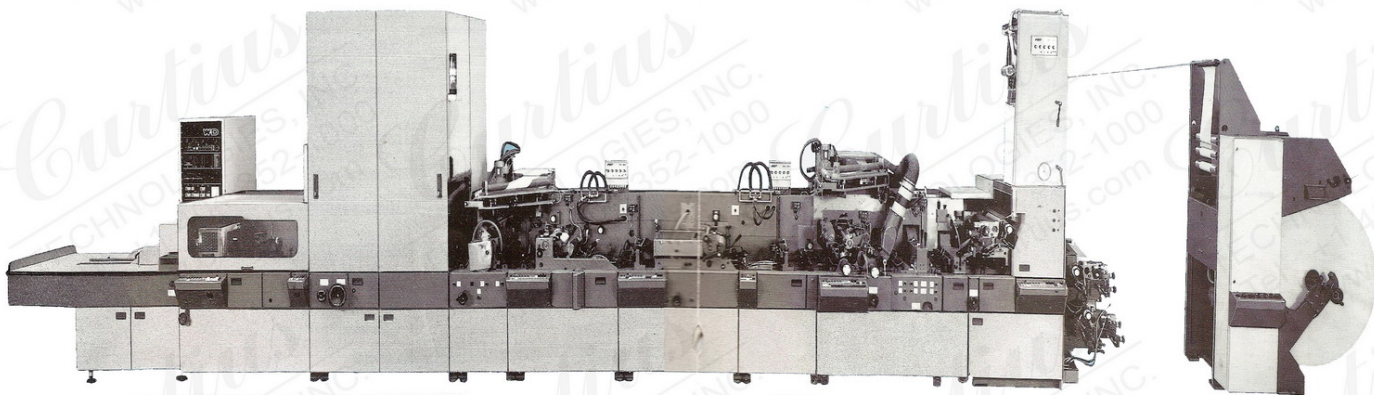
HELIOS 381 RE

The reel-fed machine HELIOS 381 RB for the production of wallet-style envelopes (booklets) is equipped with a size-dependent web form cutting section. On request it can be supplied with a variable blank form cutting section.

The machine can be equipped with a window cutting and a window material patching section, a flexographic web printing unit, three flexographic printing units at the blank (two for outside and one for inside printing) and an additional feed unit for blanks.

As standard the HELIOS 381 RB allows for the application of remoistenable seal flap gumming. On request the facility for manufacturing self-seal envelopes can be included. The section for applying a protective strip onto envelopes with pressure-sensitive gumming is also offered.

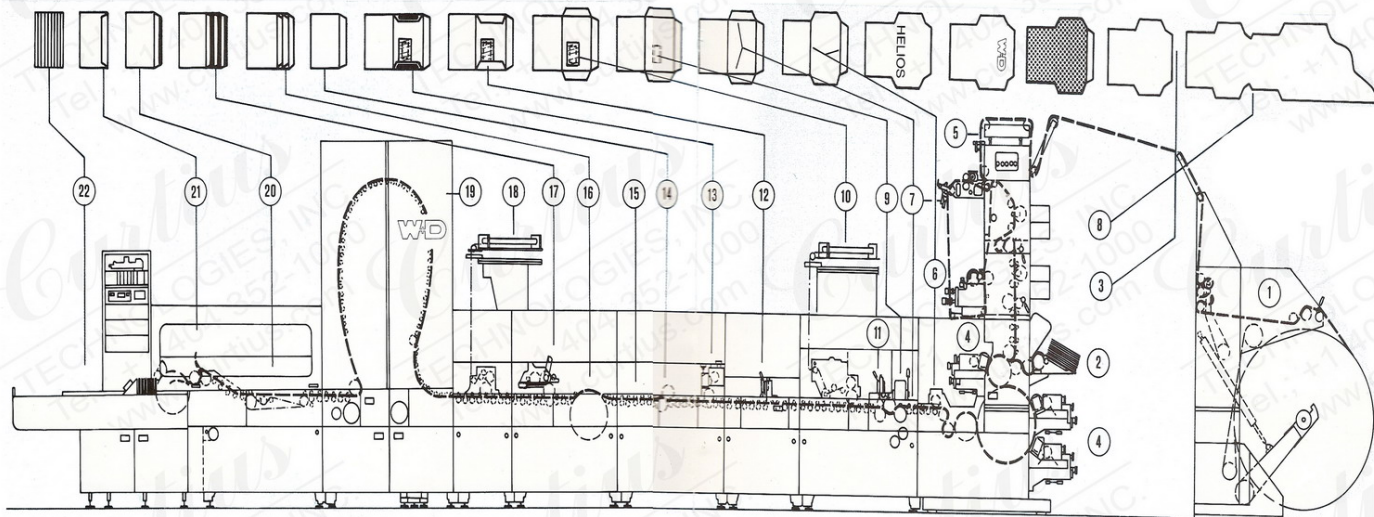
The HELIOS 381 can be supplied as a blank-fed machine which is the HELIOS 381 EU.





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- | | |
|--------------------------------|---|
| 1 Unwinding section | 13 Side/bottom flap gumming section |
| 2 Feed | 14 Bottom flap folding section |
| 3 Separating cutting section | 15 Side flap folding section (outer side flaps) |
| 4 Flexographic printing units | 16 Staggering section |
| 5 Web aligning system | 17 Seal-flap gumming section |
| 6 Cross scoring section | 18 Protective strip section |
| 7 Longitudinal scoring section | 19 Drying section |
| 8 Form cutting section | 20 Aligner section |
| 9 Window cutting section | 21 Folding section for seal flap and gummed part of the bottom flap (self seal gumming) |
| 10 Window material section | 22 Delivery |
| 11 2nd cross scoring section | |
| 12 Side flap folding section | |

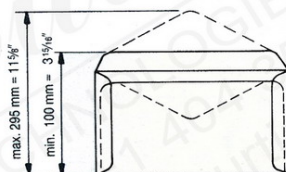
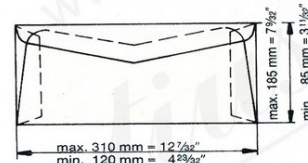
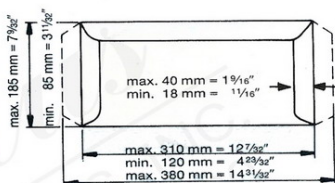
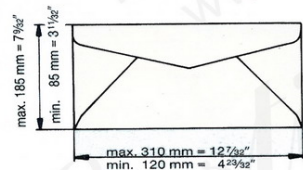
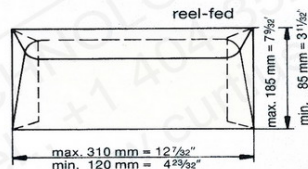
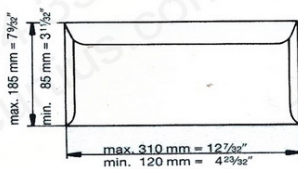
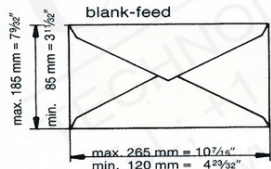




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Size ranges

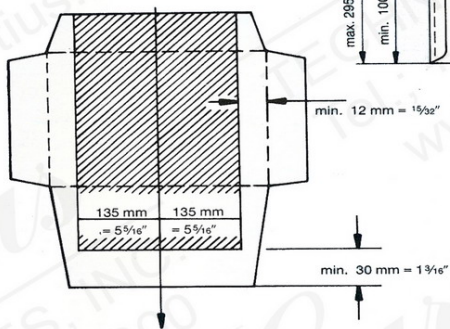


reel-fed

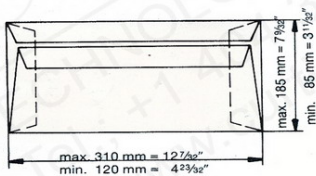
max. 30 mm
= $1\frac{3}{16}$ "

blank-feed

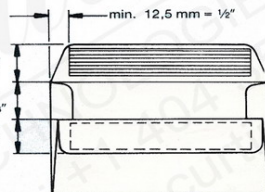
max. 18 mm
= $\frac{11}{16}$ "



Selbstklebegummierung
self-seal gumming



max. 40 mm = $1\frac{9}{16}$ "
min. 19 mm = $\frac{3}{4}$ "
max. 41 mm = $1\frac{5}{8}$ "
min. 20 mm = $\frac{13}{16}$ "
max. 32 mm = $1\frac{1}{4}$ "
min. 19 mm = $\frac{3}{4}$ "





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Technical Data:

800	max. output/minute envelopes/with remoistenable or pressure-sensitive gumming
700	envelopes with self seal-gumming
max. 390 mm = 15 ⁹ / ₁₆ " min. 170 mm = 6 ¹¹ / ₁₆ "	overall blank length
max. 520 mm = 20 ¹ / ₂ " min. 156 mm = 6 ¹ / ₈ "	overall blank width
max. 1500 mm = 59 ¹ / ₁₆ "	paper reel diameter
max. 380 mm = 14 ¹⁵ / ₁₆ "	paper reel width
340 mm = 13 ¹³ / ₃₂ "	printing length inside printing – plate cylinder with mounting device
390 mm = 15 ¹¹ / ₃₂ "	inside printing – solide plate cylinder
340 mm = 13 ¹³ / ₃₂ "	outside printing – plate cylinder with mounting device
390 mm = 15 ¹¹ / ₃₂ "	outside printing – solid plate cylinder
460 mm = 18 ¹ / ₈ " 380 mm = 14 ³¹ / ₃₂ "	printing width inside printing
max. 198 mm = 7 ²⁵ / ₃₂ "* min. 35 mm = 1 ³ / ₈ "	outside printing
max. 300 mm = 11 ¹³ / ₁₆ " min. 30 mm = 1 ³ / ₁₆ "	window material length
70 – 120 g/m ²	window material width
73 kVA 99 kVA 27 kW	paper weigths
	power required about motors without pump motors motors with pump motors heating

* other lengths on request

Curtius
TECHNOLOGIES, INC.

