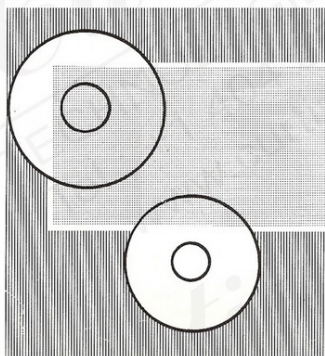
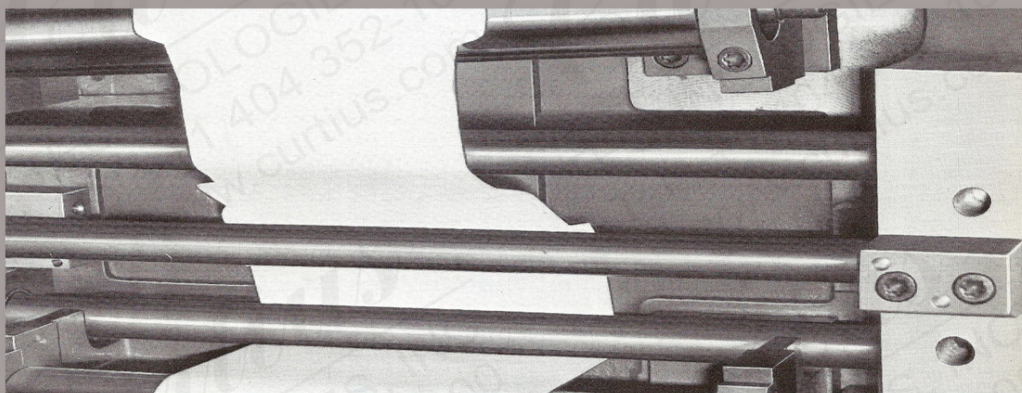


# WINKLER+ DÜNNEBIER

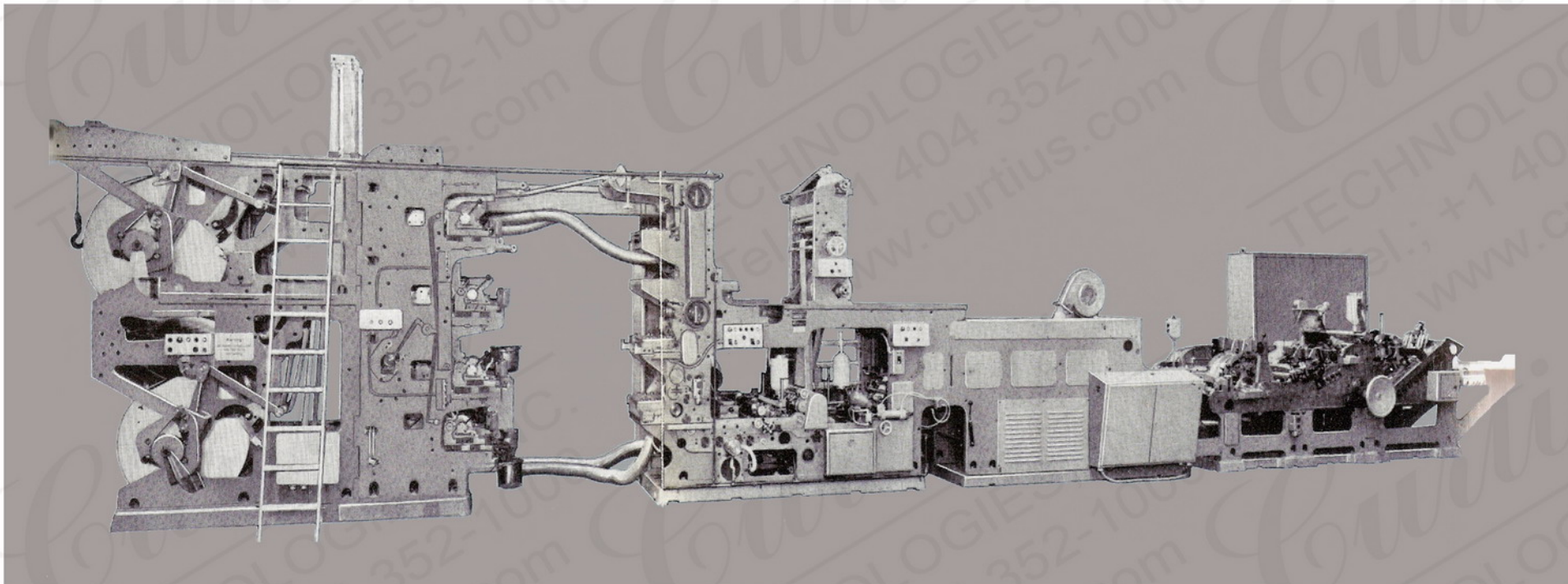
# WD

## 38



## Rotary Reel-Fed Envelope Machine





Following the constantly increasing demand for fully automatic equipment and the higher consumption of booklet ("Constanzia") sizes on all markets, we have developed this new high-speed reel-fed machine which is considered the absolute non plus ultra of the modern envelope making techniques by many specialists.

Beginning with the automatic paper reel changer for reels up to 1,35 m (54") in diameter, every section of this machine has been designed so as to allow maximum output, without additional requirements to the operators. Furthermore, an automatic boxing machine can be fitted.

As soon as the machine is stopped the four printing units, which can individually be applied for inside or outside printing, continue to run by separate driving mechanism. Printing plate cylinders are development-dependent. Screen roller and impression cylinder are automatically thrown on resp. off. Fine adjustments of the printing can be effected while the machine is operating.

Additional drying by hot air. Exhaustor for sucking off the humid air.

Special devices for handling pre-printed reels. By a control system a constant paper web control is achieved.

Only the printing plate cylinder and the cutting tools are development-dependent. All other operations are made at the envelope blank. For this reason, the exchange parts required for size changing can be reduced to a minimum, so that the size tools are moderate in price which allows interesting calculations.

As the cutting procedure is made on different rollers a very appreciable flexibility regarding the cutting shapes can be obtained, including the possibility of thumb hole cutting. Bottom and seal flaps can be shaped according to the specific requirements.

size changing can be reduced to a minimum, so that the size tools are moderate in price quickly meet the rapidly changing requirements of the market.

Window cutting and glassine sections at the paper web or at the blank, the latter being especially recommended for cutting out several windows in one operation. Automatic glassine reel changer.

All gumming units, i. e. seal flap-, bottom flap- and glassine gumming units, are provided with own drives, which are engaged as soon as the machine is stopped, and are pneumatically thrown on resp. off. Seal flap gum drying by quartz lamps with additional air drying.

Pre-scoring for side flaps which can be folded inside or outside.

Smooth drive over gear boxes which are positioned separately. Oil circulation lubrication ensuring long life of all drive elements.

Summarizing, this is a machine which offers completely new possibilities and impresses by its continuously high production.



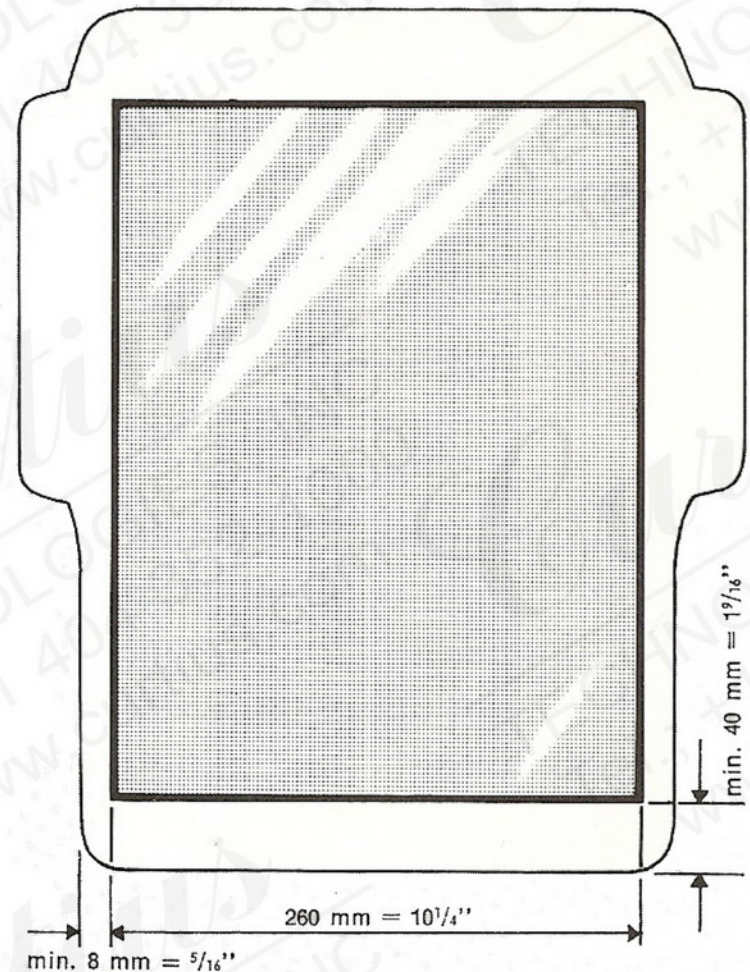
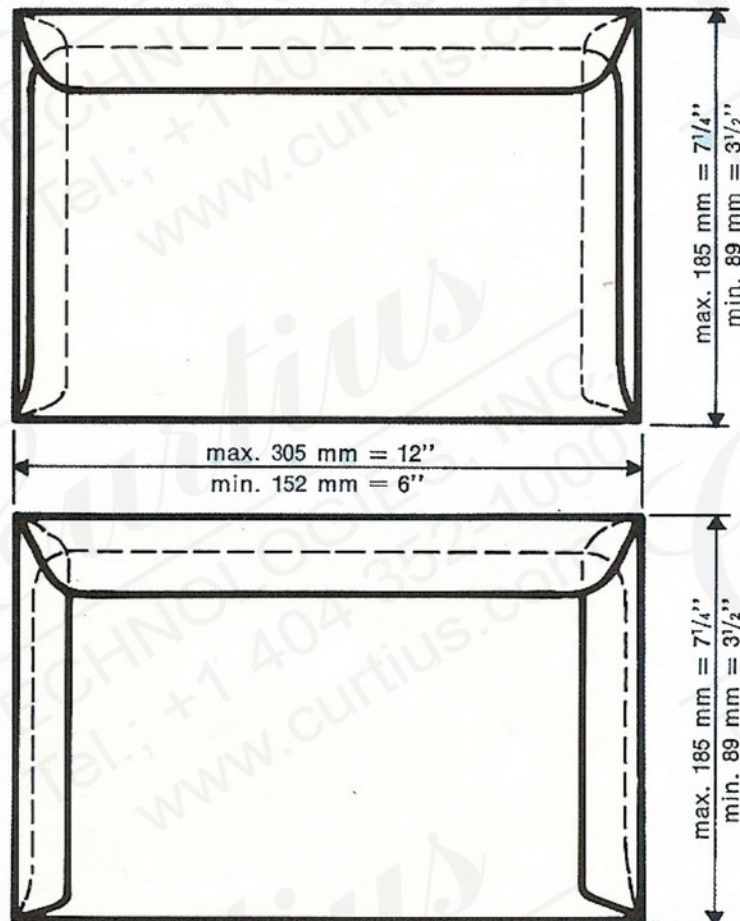


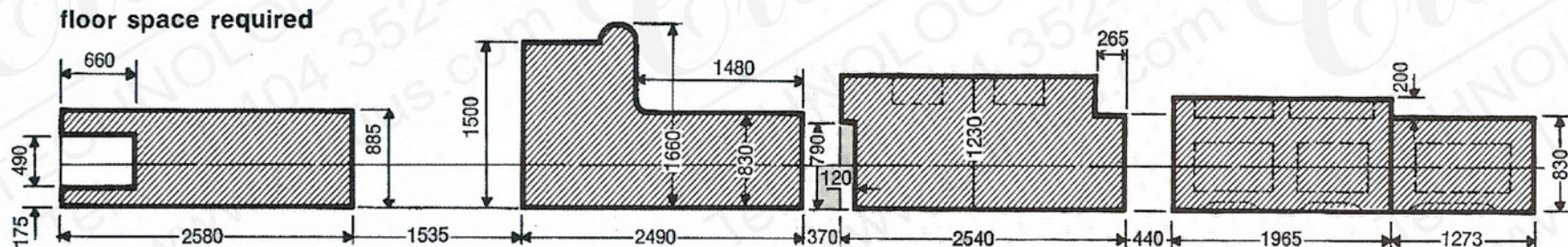


Verstellbarkeit

size ranges

window area





2  
2  
70 – 120 g/m<sup>2</sup>  
max. 1370 mm = 54"  
800  
600  
60 kVA  
15 kW  
12 kW  
23 300 kg

flexo-outside printing units  
(at the web)

flexo-inside and outside printing units  
(at the web)

paper weights

paper reel diameter

max. output envelopes per minute  
windowed envelopes per minute

power required

motors abt.

electrical heating

a) ink drying max.

b) drying run max.

net weight abt.

