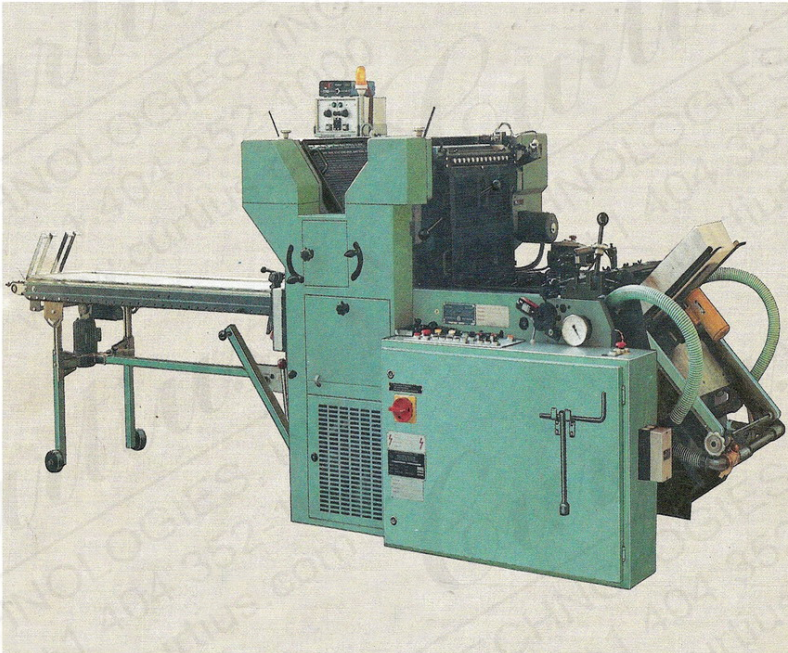


WINKLER+ DÜNNEBIER

WD

212



Tow-Color Offset Printing Press (Perfecto)





Tow-color Offset Printing Press

HELIOS 212

With the HELIOS 212 we offer a printing press which sets new standards. Although mainly designed for printing made-up envelopes and pockets, the machine is also suitable for printing sheets and shaped blanks of paper or cardboard, computer cards, post cards, forms and inserts for leaflets and pamphlets.

The new universal feeder does not require special adjustment and ensures trouble-free paper feeding.

The aligner chain system guarantees accurate paper transport to the impression cylinder.

The infinitely, electronically adjustable drive motors of the dampening units allow the speeds of the well-proven alcohol dampening units to be regulated independently of the speed of the machine. In this way an exact ink/water balance is ensured.

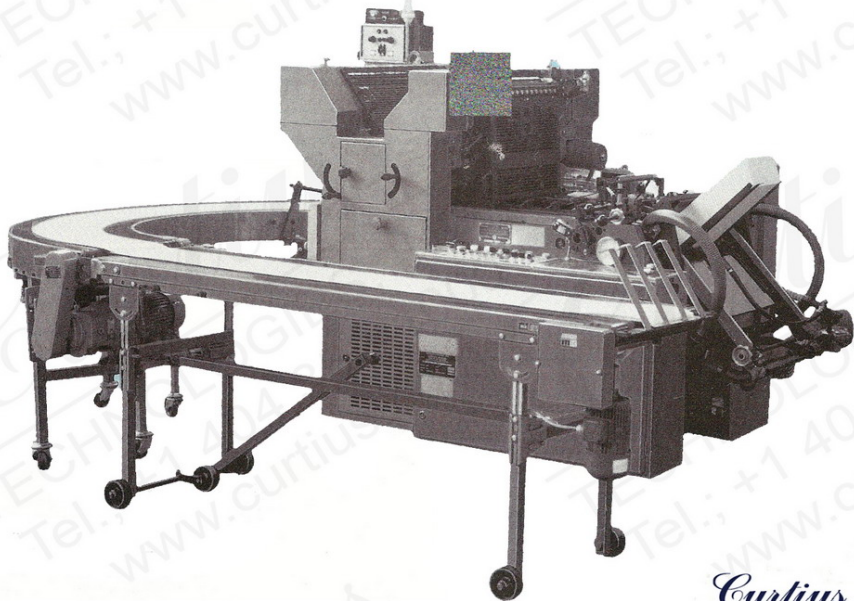
Good inking by three adjustable form inking rollers with different diameters. Wide size ranges, high continuous output and quick size changing are outstanding features of the machine and guarantee trouble-free operation. Short set-up times due to practical means of adjustment.

By means of a bending device the printing plates are prepared in exact register. The plate cylinders can be adjusted through 360°. Whilst the machine is running, the operator can effect readjustments, i.e. by $\pm 1,5$ mm in circumferential and ± 3 mm in lateral register. Only offset printing plates available can be used on this machine.

Envelopes, pockets, sheets or blanks can be printed on the front and the back in one operation (perfecting). One sheet per revolution is printed when perfecting.

If no sheet is fed, the impression cylinder lifts from the rubber blanket cylinder and the rubber blanket cylinder from the plate cylinder. By special request, the machine can be equipped with magnetoprint cylinders for letterset.

The standard equipment of the machine includes a cylinder washing device and a centralized lubrication system.



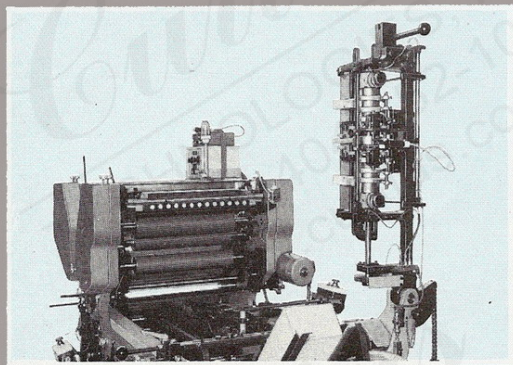
Curtius
TECHNOLOGIES, INC



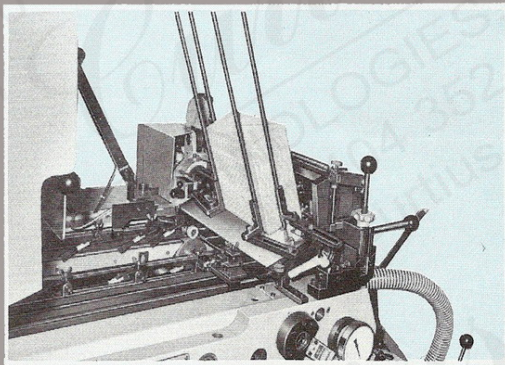


Tow-color Offset Printing Press

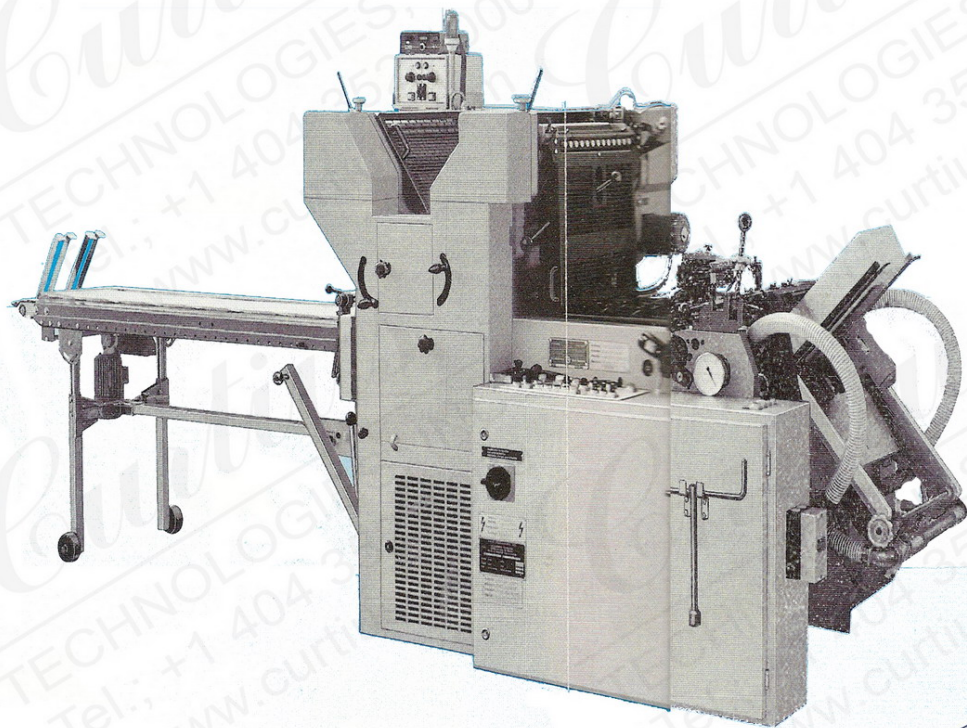
HELIOS 212



Additional feed unit for handling window faced envelopes
up to max. size 162 x 300 mm (6³/₈" x 11³/₁₆")



Regulierstation mit Spezial-Einzug in Arbeitsstellung.
Aligning section with special feed unit in working position.





Technical Data:

Sizes:

max. 460 x 460 mm = 18¹/₈" x 18¹/₈"
min. 100 x 76 mm = 4" x 3"

The size ranges depend on the quality
of the paper being handled

Face printing:

max. printing surface 460 mm = 18¹/₈"

Perfecting:

max. printing surface 228 mm = 9"
— face printing

max. printing surface 228 mm = 9"
— perfecting

Max. printing width:

406 mm = 16"

Max. output:

24,000/h up to 460 mm = 18¹/₈" in height
(1 envelope per revolution) for face printing
or perfecting

48,000/h up to 223 mm = 8³/₄" in height
(2 envelopes per revolution) for face
printing only

Power required:

ca. 15 kVA

Net weight:

of the machine without
round return table

ca. 2,650 kg

of the machine with
round return table

ca. 2,900 kg

**Dimensions of the
machine:**

3400 x 1200 x 1385 mm

