CNC ENVELOPE
Computer Numerical Control
Die Cutting Machine

RELIABLE, SAFE, & EFFICIENT
Features & Benefits:

- Industrial computer and “user friendly” Windows NT operating system.
- Programming ability for irregular printed and non-printed applications.
- Three axes servo motor positioning system ensures positional accuracy within ± 0.008”.
- Working capacity up to 1.4(10^6) blanks per 8 hours (with maximum stack thickness up to 2.6”).
- Program memory for more than 1,000 irregular pre-printed and non printed envelopes, each program with 100 pre-set cutting positions.
- Quick and easy die changing (less than 5 minutes).
- Dry run options for programming checks without cutting material.
- Maximum blank size 500 mm x 600 mm (19.7” x 23.6”) for paper sheet size up to 950 mm x 1450 mm (37.4” x 57”).
- Optional paper sheet size up to 1020 mm x 1450 mm (40.2” x 57”).
- Automatic Die Lubrication for clean cuts and prolonged die life.
- Flattening Roller eliminates air pockets for cut to registration accuracy.
- Pneumatic Head Center Ejector holds stack material secure & eliminates air pockets to ensure accuracy of stacked material.
- Safety sensor to avoid cutting on paper clamping devices.
- Recirculating Ball Screw Drive technology rapidly positions head, table, and X & Y axes without compromising accuracy.
- Approved, interlocked safety guards ensure operator safety.
- Optional auto feeder available.
- Optional adjustable two-step cutting speed eliminates air pockets and ensures maximum cutting accuracy.
- Optional magnetic die plate for quick and easy die changing.

Applications:

- Mass production cutting of every kind of printed or non-printed sheet type products.
- Mass production cutting of every kind of envelope.

Model | CPC - NA27
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Cutting Force | 27 US Tons
Maximum Open Daylight* | 11 “ (279 mm)
Minimum Open Daylight | 3.18” (81 mm) (head to p.p pad)
Maximum Stroke | 5.9” (150 mm)
Die Height Range | 3.0” - 3.9” (76-100mm) | 2.5” - 3.0” (64-76mm) with spacer
Platen Size | 19.6” x 25.6” (500 mm x 650 mm)
Maximum Blank Size | 19.6” x 82.7”
Max Center to Center | 19.6” x 23.6” (500 mm x 600 mm)
Pump Motor | 3 HP
Servo Positioning Motors | 1 HP x 3
Net weight | 7,700 lbs (3,500 kg)
Dimensions (w, d, h) | 184” x 183” x 85” (4,670 mm x 4,150 mm x 2,160 mm)

*Measured from underside of platen to bed