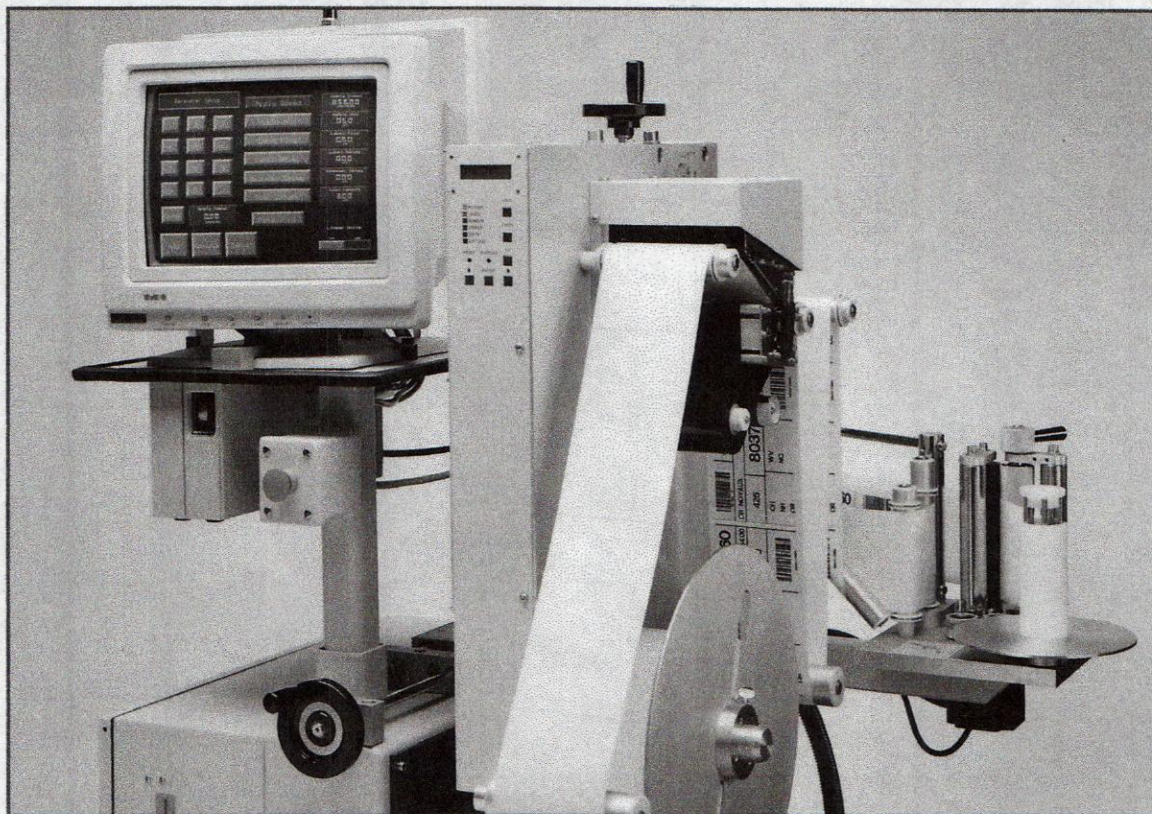


## Concept 4000 *Automatic Print and Apply Systems*



### *A Quantum Leap in Print and Apply Technology*

Introducing, the Concept 4000, the most sophisticated print and apply system available. Using exclusive technology designed and engineered by Concept, the 4000 system provides a level of performance never before seen in the industry. It's a combination of versatility, precision and speed that can meet virtually any challenge.

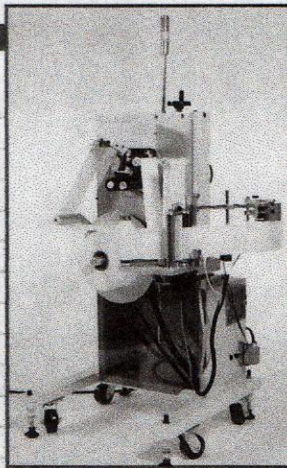
Surprisingly, all this power has been cleverly hidden behind a simple user interface. You can program instructions at the workplace line through a color VGA touchscreen monitor or via a remote host. The Concept 4000 also offers real-time bi-directional communication, allowing you to monitor a job's progress, upload statistics or download instructions, all

from your remote host or LAN.

By using a microprocessor and our custom-written software, the Concept 4000 can easily be configured to print large quantities or next-label-out runs and position them in one-hundredth-of-an-inch increments. Changing label data or bar-code text is just as quick, and you can even store labels and label formats in memory. Because the system is software driven, enhancements can be added through software, protecting your original equipment investment. The Concept 4000. It's the newest Concept in print and apply technology.

**Series 4000**

## Concept 4000 Series *The newest Concept in Print and Apply Technology*



*Concept Print and Apply systems possess all the simplicity, control and automatic synchronization that state-of-the-art stepper motor technology and the latest in powerful microprocessors can deliver.*

### SPECIFICATIONS

Controls	Touch screen
Memory	240 MB For labels and label formats
Floppy Disc	3 1/2" for loading new label information
Application speed - variable	1/in min - 1200/in min (can be limited by the printer)
Stepper motor programmable for:	acceleration, deceleration, indexing, forward and reverse
Gearing and ratio adjustments	achieved electronically
Synchronization	100.00% or ratios of 100.00%
Maximum steps per 360 rotation	10,000 (1/25 microsteps)
Application head	3/4" plate Unique low maintenance design X & Y adjustments with tilt and skew
Incremental adjustments	1/100"
Counters - Batch'	Standard
Life Time	Standard (to 99 Billion)
Sensors	Fiber optic/Photoelectric
Sensors and other adjustments	made at the control panel

#### Summary of Specification Features

- Stepper motor driven
- Software controlled
- Simplicity in set ups
- Automatic synchronization



### OPTIONS

- High speed application
- Software for label design and layout
- Scanners for "on line" label selection
- Scanners for Bar code quality inspection
- label inspection system  
(detection of missing data)
- Interfacing with automatic sorters
- Vision system
- Collection of statistical information
- Interfacing with a LAN system or Allen  
Bradley Data Highway
- Remote control capability
- Low label and Web Break detectors
- Label Counters
- Tamp or Blow-on systems
- Powered Unwind
- Powered Rewind
- Custom design configurations to meet  
specific requirements

### OTHER PRODUCTS

Concept/AME manufacture a wide range of state-of -the-art packaging machinery and motion control systems.

- Print and Apply systems for products
- Label Applicators
- Special purpose Pressure Sensitive  
Application systems
- Pharmaceutical systems
- Odd shaped products and containers
- Carton Labelers
- Heat Transfer Decorators
- Leak Testers
- Bagging and Sealing machines
- Diskette manufacturing machines
- Conveyors
- Motion Control systems for stepper  
motors and other devices

*Packaging – Processing*  
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