

○ QUADREL ECONOLINE E100 WRAP LABELER

QUADREL
LABELING SYSTEMS

ECONOLINE® Labeling System

ECONOLINE® E100 Wrap Around Labeling System

The EconoLine labeling system is a rugged, reliable, economically priced pressure sensitive labeling system for wrap applications. It is ideal for budget-conscious companies with production rates of 120 ppm or less and may be hand loaded or integrated into a automatic production line.

EconoLine sets a new price threshold for automatic labeling. Advanced features such as heavy duty stainless steel construction and 'no tool/ no change parts' operation are all standard in the EconoLine.



- Compact footprint
- Suitable for harsh/ multi-shift environments
- Programmable microprocessor controls with flash memory
- 50 programmable product presets
- No change parts product handling
- Stainless steel construction

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Capabilities

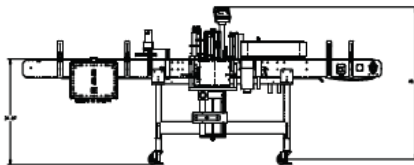
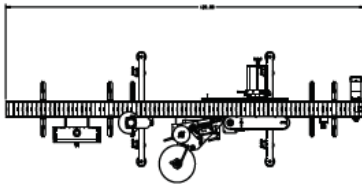
QUALITY / FLEXIBILITY

This high quality modular labeling system is capable of production rates of up to 120 products per minute.

The versatility of EconoLine makes it ideal for packaging lines requiring frequent changeovers on a wide variety of products.

ADVANCED CONTROLS

EconoLine features a programmable microprocessor control with flash memory. This provides electronic synchronization of the labeling process and stores up to 50 label/ product presets.



STANDARD FEATURES

SYSTEM

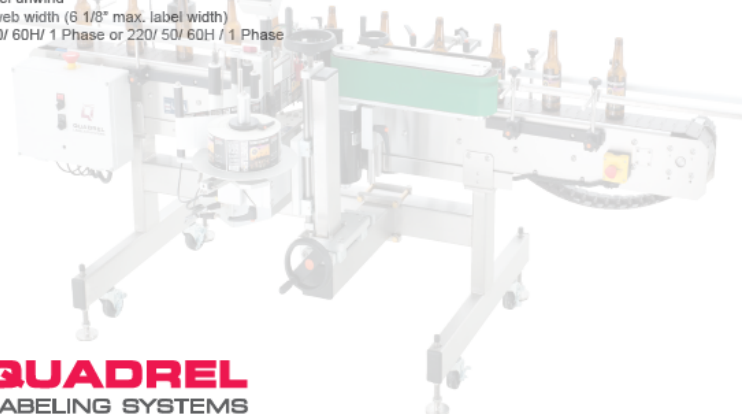
- Microprocessor control with flash memory
- Encoder based speed compensation
- 4-1/2" width x 120" length x 34" height conveyor
- Variable speed wrap station for round containers. Available in 12", 18", or 24" lengths
- Stainless steel welded frame
- Production Rate: Up to 120 products per minute (dependent upon label/product dimensions)
- Applied accuracy: Up to +/- 1/32" @ Sigma 2 (exclusive of product variation)
- Pacing wheel

LABEL APPLICATOR

- Stepping motor label drive
- Rugged stainless steel /aluminum construction
- Precision sealed bearings
- Outboard supported drive for long-term reliability
- Dependable performance in harsh environments
- 12" label unwind
- 6 1/4" web width (6 1/8" max. label width)
- 120 / 50/ 60H/ 1 Phase or 220/ 50/ 60H / 1 Phase

OPTIONS

- Missing label on product detection
- Product pacing and alignment feedscrews
- Low label detection
- End-of-web detection
- Broken web detection
- Loose- Loop Thermal Transfer, Laser or Inkjet printer
- Hot stamp imprinter
- Clear label detection
- Consult factory for additional options




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MACHINE FUNCTION:

- Products are transferred onto the Quadrel system via the customer conveyor (end or side transfer) or hand loaded onto the conveyor
- Products are separated by the product metering belt.
- The E100 labeling head applies the label to the side of the product
- The product is then rotated in the wrap station impressing the label around the product
- The labeled products exists the labeling area and is transferred back on to a customer conveyor (end or side transfer).

PRODUCT:

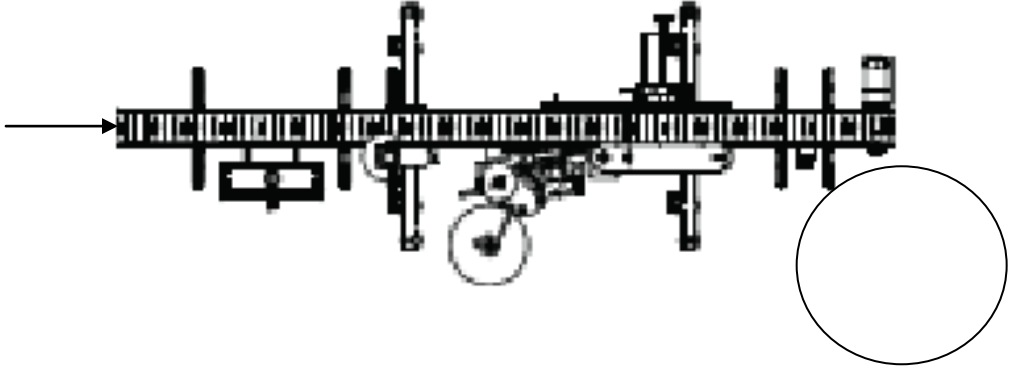
The machine is to handle the following product (not submitted)

PRODUCT DESCRIPTION / SIZE	APPLICATION	LABEL SIZE W X L	APPLIED ACCURACY*	PRODUCTION RATE
4.75oz Glass Tapered Jar 	WRAP	TO BE DEFINED	+/- 1/16"	50 PPM

* Label skew/Exclusive of product variation



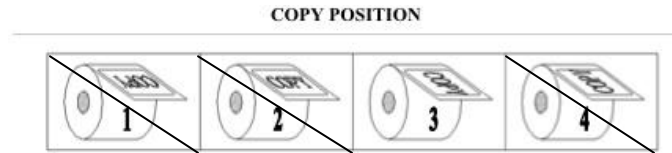
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MACHINE SPECIFICATIONS:

- (1) E100 Labeling Applicator (**left hand label copy #3**)
 - 6 1/4" web width (6 1/8" max. label width)
 - 12" label unwind capacity
 - Stepping motor label drive
 - Dispensing speeds variable at up to 800" per minute
 - Head support
- M3 microprocessor controller
 - Setup memory for up to 50 product presets
 - Flash upgradeable interface to make software updates fast and simple
 - No batteries to wear out or replace
 - Easy to read backlit LCD display
 - Intuitive operator panel with keyed access to system set-up screens
 - Complete I/O system diagnostics
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PRODUCT HANDLING FEATURES:

- Variable speed conveyor assembly
 - Stainless steel frame
 - 4-1/2" wide x 120" long x 34" high on casters +2" on leveling pads
 - Delrin chain conveyor
- Variable speed product metering belt
- Custom wrap station: Cut down belt 1-1/2 x 12"
- Variable speed rotary product accumulation table 36" diameter placed on outfeed, labeling head side
 - Accumulation rotary tables are made to the highest quality standards. Constructed of stainless steel, these turn tables withstand the harshest production environments and accommodate most size containers.



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BUYER TO FURNISH:

- 115 volts, 50/60 cycle, single-phase electrical power
- Means for supplying and removing of the products to and from the labeling systems
- Product samples of each size in the same condition as to be labeled
- Two full rolls of labels of each size and copy position to be used for system testing

LABEL CONVERTING

1. Labels: cleanly die cut, centered on web of uniform width with NO strike through
2. Label Spacing: Minimum 1/8" between labels, 1/16" on each edge
3. Maximum Roll O.D. 12" with 3" nominal I.D. Core standard
4. All splices must be suitable for automatic application/NO mill or factory splices
5. Clear labels require eyemark or suitable, optional label sensor
6. Copy Position: 3 or 4

COPY POSITION

