



# ○ QUADREL ECONOLINE E100 WRAP LABELING SYSTEM

**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:**

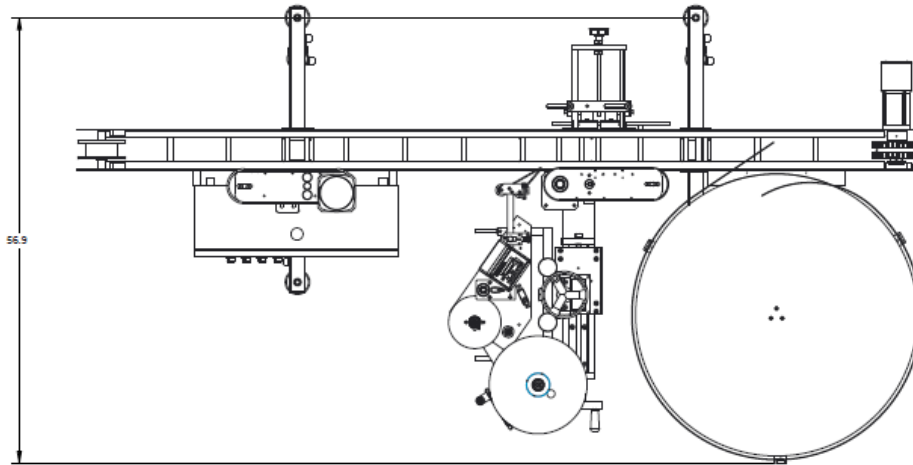
The machine is to handle the following product (not submitted)

PRODUCT DESCRIPTION / SIZE	APPLICATION	LABEL SIZE W X L	APPLIED ACCURACY*	PRODUCTION RATE
Glass & Pete Containers 3 Sizes 	WRAP	3-1/2" x 7.5"  3-1/2" x 8.8"	+/- 1/16"	50 PPM

\* Label skew/Exclusive of product variation



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### **MACHINE SPECIFICATIONS:**

- (1) E100 Labeling Applicator (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 108" long x 34" high on casters +2" on leveling pads
  - Delrin chain conveyor
- Variable speed product metering belt
- Wrap station: 4" x 12" / Impression back plate on adjustable lead screw 4" 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

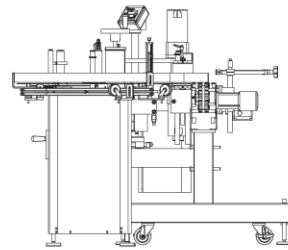
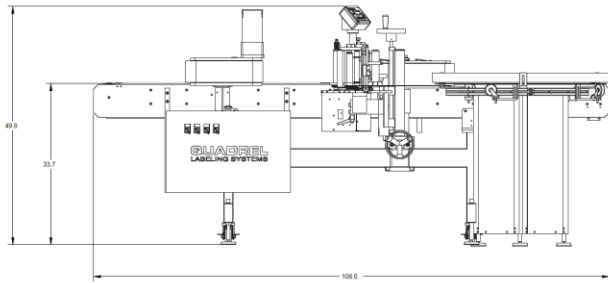
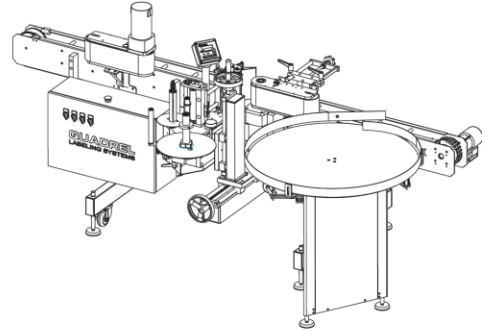
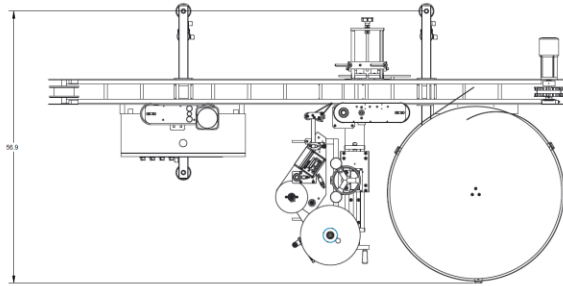
### **BUYER TO FURNISH:**

- 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
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

COPY POSITION



# ○ DRAWINGS



NO.	DATE	REVISION	BY

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DESIGN ENGINEER	QUADREL LABELING SYSTEMS	SCALE	1:1
IMPERIAL TECHNICIAN	7875 JONES RD. UNIT 4000	DRAWN BY	JLS
DATE	11/15/2017	CHECKED BY	
PROJECT NO.			

LH E100 ECONOLINE WRAP W/ 30" ACCLIM. TABLE

SHEET 2 OF 2	MATL	PROPOSAL DRAWING	P1
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