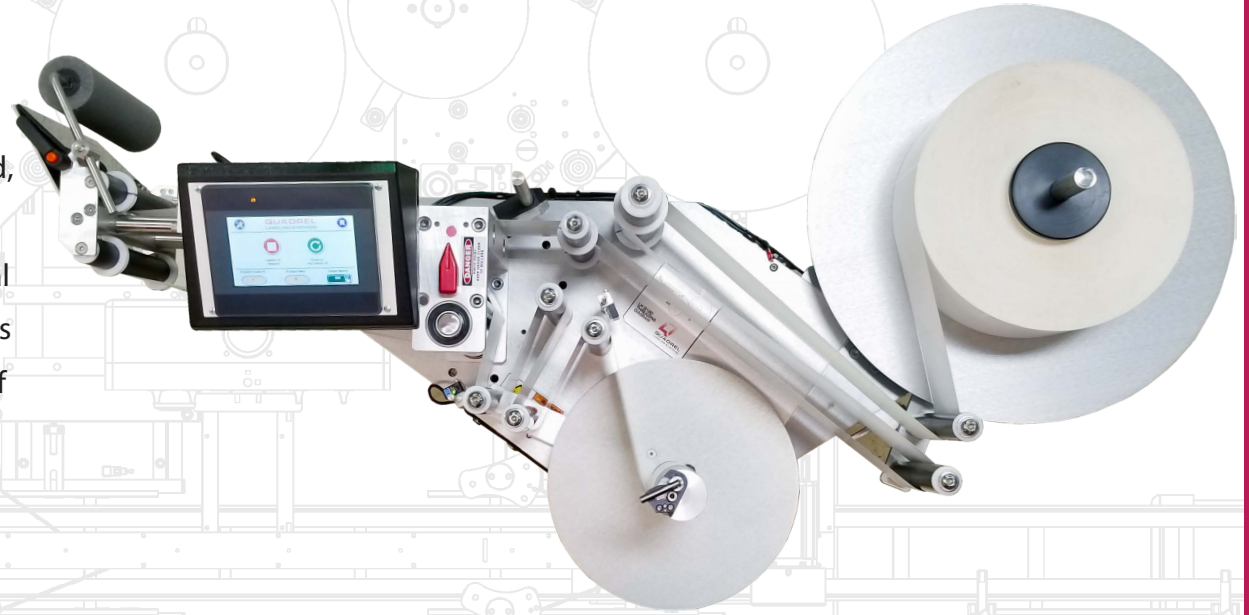


## Q105/Q110 Label Applicator

The Q105/Q110 label applicator is a simple, rugged, proven labeler designed for moderate speeds and 24/7 operation in harsh environments with minimal maintenance. It is ideal for stand alone applications on existing packaging lines, as well as the labeler of choice for a Quadrel's EconoLine open frame system.

Design features such as Intuitive PLC color touchscreen Controls, 16" label unwind, and upgraded high-torque stepping motor label drive allow for production rates up to 200 parts per minute with +/-1/32" applied accuracy.



- PLC controls and color touchscreen operator interface
- Microprocessor controls with password protected menus
- 9 programmable product presets
- Integrated label impresser
- Outboard supported label drive with sealed roller bearings
- Quick disconnect electronics with integrated optical sensors

[www.quadrel.com](http://www.quadrel.com)  
440.602.4700

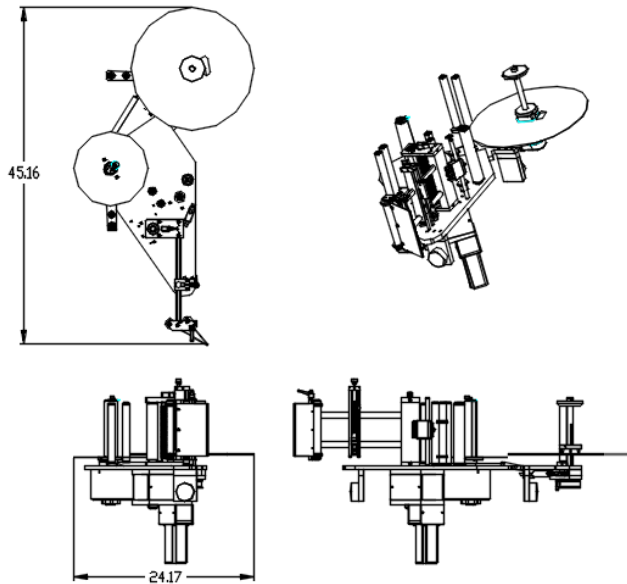
## QUALITY/ FLEXIBILITY

The Q105/Q110 label applicator is our popular Systems labeling head with integrated electronics. This labeling head provides proven 24/7 reliability in a modular package. In addition, the Q105 labeler offers the flexibility to use one of the most popular labeling heads in the industry for a wide variety of applications.

Ideally suited for simple system integrations, and a wide variety of OEM applications, the Q105 labeling head is the label applicator of choice for continuous operation in with minimal maintenance.

## ADVANCED CONTROLS

The PLC directs and monitors all functions of the labeling head, including speed compensation, fault detection, and full status monitoring. With memory for 9 product presets, the software easily accommodates a wide variety of options with instant recall of product profiles.



## STANDARD FEATURES

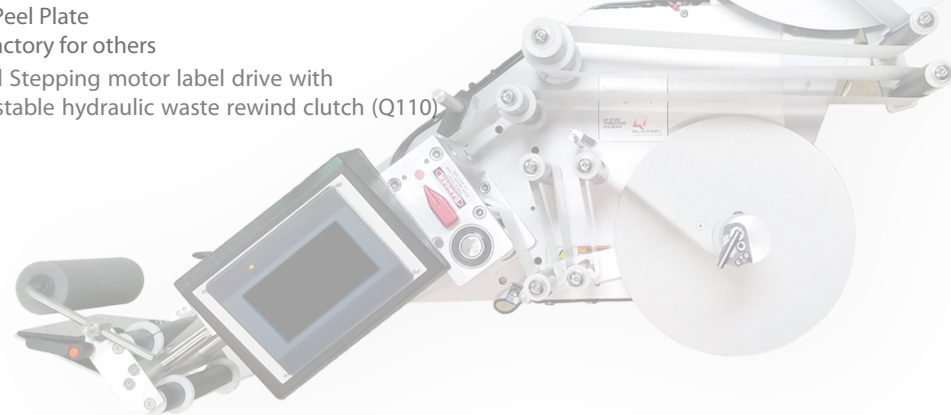
- Intelligent stepper label drive
- Encoder-based speed compensation (with optional encoder)
- Rugged stainless steel & aluminum construction
- Precision sealed bearings
- Outboard supported drive yoke for long-term reliability and consistent web tracking
- Dependable performance in harsh environments
- 16" (406mm) label unwind for less frequent roll changes
- Optical label detection sensor
- Integrated fan-cooled electronics

## OPTIONS

- Left or Right hand versions
- T or H-Base stand with casters and leveling pads
- Low label detection
- End of web detection
- Broken web detection
- Thermal transfer, laser, or hot stamp imprinter
- Clear label detection
- Push Pull label drive
- Pivoting Peel Plate
- Consult factory for others
- Upgraded Stepping motor label drive with adjustable hydraulic waste rewind clutch (Q110)

## SPECIFICATIONS

**Size:** 24"(610mm) width x 47" (1194mm) length  
**Approximate Net Shipping Weight:** 80 lbs.(36kg)  
**Actual Labeling Rate:** Dependent upon label length and product size (Up to 200 products per minute)  
**Dispensing Accuracy:** Up to +/-1/32" (1mm)  
**Dispensing Speed:** Variable, up to 1200" per minute  
**Label Drive:** Stepping motor standard.  
**Design Features:** Outboard supported label drive, stainless steel/aluminum construction, precision sealed bearing, pivoting peel plate  
**Label Dimensions:**  
Maximum width = 6 7/8"(174mm), 9 7/8" (254mm) optional  
Maximum length = required length  
Minimum width 1/2" (13mm)  
Minimum length = 1/2" (13mm)  
**Roll Capacity:** 16" (406mm) O.D. on 3" (76mm) or 6" (153mm) I.D. core (Must specify at time of order)  
**Web Width:** 7" (177mm), 10"(254mm) optional  
**Label Format:** Die cut, waste removed (Minimum 1/8" [3mm] between labels)  
**Label Sensing:** Photoelectric  
**Utilities:** 110vac or 220vac, 50/60Hz, 10/5 amps



**QUADREL**  
LABELING SYSTEMS