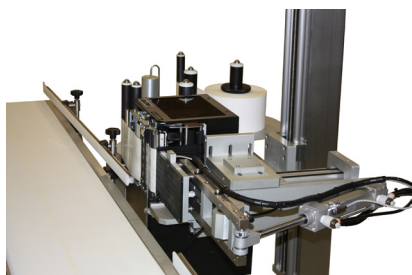


## Q31 Printer Applicator

The Q31 Printer Applicator is the most compact and rugged Printer Applicator in its class. This Printer Applicator is commonly used in a wide variety of product handling systems produced by Quadrel and other Original Equipment Manufacturers.

Design features include a machined 1/2" thick side plate, integrated electronics, and a wide variety of rugged label application modules. With a heated enclosure option, the Q31 printer applicator is capable of 24/7 reliability in the wettest environments.



- Robust stainless steel and anodized aluminum construction
- Microprocessor controls with intuitive password protected menus
- 50 programmable product profile presets
- Integrated U-Mount style mounting yoke
- 3/4" bore high speed Linear Slide Tamp cylinder
- Continuous duty waste rewind motor
- Compact modular design

[www.quadrel.com](http://www.quadrel.com)  
 440-602-4700

# Capabilities

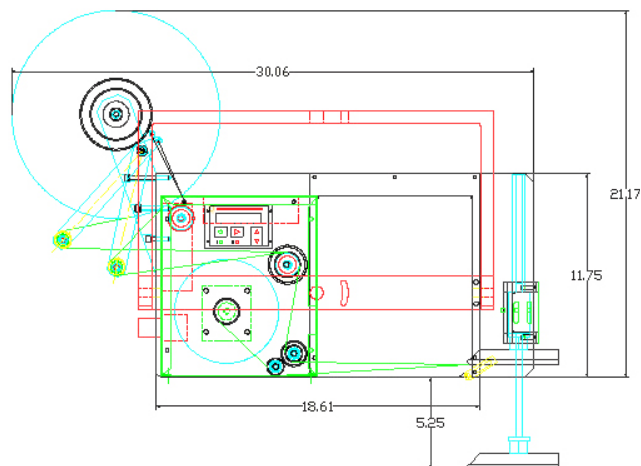
## Flexibility

The all modular Q31 printer applicator is available with a number of applicator modules including air-tamp, air-blow, tamp-blow, wipe-on and various pneumatic swing arms for side, top, leading edge, adjacent side or corner wrap labeling applications.

The Q31 printer applicator is constructed of anodized aluminum and stainless steel. It features a 12" label unwind, linear slide air cylinder, variable torque waste rewind motor, and quick disconnect pneumatics.

## ADVANCED CONTROLS

The user friendly M3 microprocessor features an intuitive operator panel and the capability to retain 50 product profile presets. In addition the M3 features on-board diagnostics for all available fault conditions.



## FEATURES:

- M3.0 Microprocessor control
- Flash memory, computer programmable
- Password protected
- Display in English units
- Onboard Diagnostics
- Product counter, label counter, and product per minute display
- Soft-touch keypad
- Heavy-duty mechanical design
- Rugged stainless steel and 1/2" aluminum side plate construction
- Precision sealed bearings
- 12"(406mm) unwind for less frequent roll changes

## OPTIONS:

- Recommended spare parts kit
- Powered waste removal system
- Left-hand versions
- Low label and ribbon detection with amber lamp
- End of label and ribbon detection with red lamp
- Additional stack lamp
- Audible Alarm
- Heated enclosure with hinged access doors
- Line speed compensation (requires optional encoder package)
- Adjustable U-Mount style Support Stand
- "Apply Only" variable speed label feed module
- Label design software package
- Industrial PC with touch screen

## Q31 SPECIFICATIONS:

- Size:** 30.5"(775mm) width x 22"(559mm) length
- Approximate Net Shipping Weight:** 80 lbs.(36kg)
- Actual Labeling Rate:** Dependent upon dispense speed and label feed length (up to 100 products per minute)
- Accuracy:** Up to +/-1/32" (1mm)
- Design Features:** Modular pneumatic and electrical assemblies, stainless steel/aluminum construction, Precision sealed bearing, 1/2" thick machined aluminum side plate, stainless steel idler axils for positive web tracking
- Label Dimensions:**
  - Maximum width = 6 7/8"(174mm)
  - Minimum width 1/2" (13mm)
  - Minimum length = 1/2" (13mm)
- Roll Capacity:** 12" (406mm) O.D. on 3" (76mm) or 6" (153mm) I.D. core (must specify at time of order)
- Label Format:** Die cut, waste removed (minimum 1/8" [3mm] between labels)
- Electronic Utilities:** 115 vac or 220vAC, 50/60Hz, 10/5 amps (must specify at time of order)
- Pneumatic Utilities:** 80 psi @ 5 cfm clean dry compressed air (also available with non-pneumatic actuators)

