

## Q41 High Speed Label Applicator

The Q41 air-blow label applicator is capable of speeds up to 300 ppm. Higher speeds are possible with optional drives and/or a powered rewind.

Simple to set up, operate and maintain, the Q41 was designed with long term reliability and simplicity of maintenance in mind. Electrical or mechanical components are "plug and play". This means faulty components can be quickly and simply replaced when necessary.

The Q41 air-blow applicator will provide years of reliable service in the harshest environments.



- Stainless steel and anodized aluminum construction
- Microprocessor controls with intuitive password protected menus
- Modular design with Tamp Label application option
- Peel tip optical label sensing
- 24/7 Performance and Reliability



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# Capabilities

## FLEXIBILITY

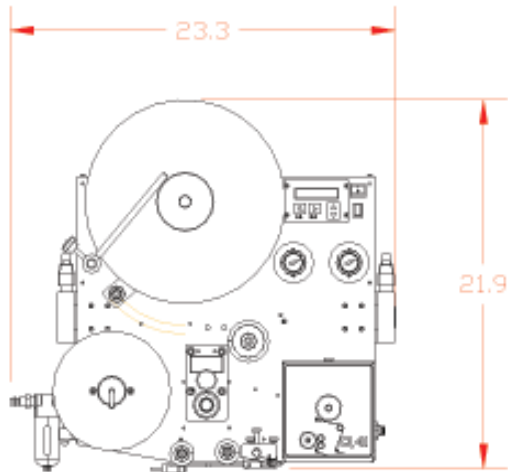
The modular design allows the Q41 to function as a High Speed Tamp label applicator for those products that require Tamp technology. Unlike the competition, the Brass Tip air blow nozzles allow the operator to change the air pattern with simplicity and no wear parts.

Our simple to use M3 microprocessor features an on-board serial port for quick software changes as your packaging requirements constantly advance.

## ADVANCED CONTROLS

The digital stepping motor drive increases speed and accuracy while reducing downtime and maintenance by eliminating clutch/brake wear parts.

The user-friendly operator interface streamlines product changeover, increases reliability and simplifies both maintenance and system diagnostics.



## FEATURES:

- Stepping motor controlled label drive
- Encoder-based speed compensation (with optional encoder)
- Peel tip label sensing to eliminate double label feed
- 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
- 12" (305mm) label unwind for less frequent oil changes
- Optical label detection sensor
- Adjustable waste rewind clutch
- Integrated fan-cooled electronics
- Fatal fault relay interface

## 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
- Consult factory for others

## Q41 SPECIFICATIONS:

**Size:** 23.3" (591.82mm) width X 21.9" (556.26mm) length

**Approximate Net Shipping Weight:** 100 lbs.(45kg)

**Actual Labeling Rate:** Dependent upon dispense speed and label feed length (up to 300 ppm)

**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 axles for positive web tracking

### Label Dimensions:

Maximum width = 4.00 (101mm)

Minimum width 1/2" (13mm)

Minimum length = 1/2" (13mm)

**Roll Capacity:** 12" (406mm) O.D. 16" (406mm) available 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)

