QUADREL
LABELING SYSTEMS

Q33 PL Printer Applicator

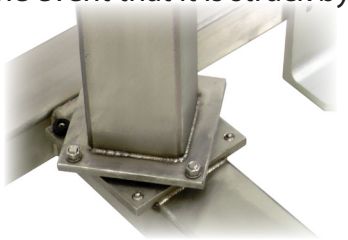
Q33

Print and Apply Pallet Labeling System

Designed for the most demanding multi-shift operations and the harshest environments, the Q33 PL is one of the most rugged and reliable pallet labeling systems available today.

Features include an all stainless steal frame, premium high cycle rate air cylinders, rugged 5/8" side plate construction and PLC control with touchscreen. Common configurations include leading panel, top, corner wrap and adjacent side. Available print engines include Zebra, Sato or Datamax.

The oversized H-Base stand provides superior stability and includes a spring detent breakaway feature. This important feature allows the system to rotate freely out of harm's way in the event that it is struck by an out of position pallet.



- Robust stainless steel and anodized aluminum construction
- Microprocessor controls with intuitive password protected menus
- 50 programmable product profile presets
- Quick disconnect electronics with integrated optical sensors
- Integrated U-Mount style mounting yoke
- 24/7 reliability
- "Straight" web path compatible with most RFID and Linerless labels

www.quadrel.com
440-602-4700

Capabilities

Flexibility

This all modular Q33 PL is available with a number of applicator modules including air-tamp, and various pneumatic swing arms for side, top, leading edge or adjacent side labeling applications.

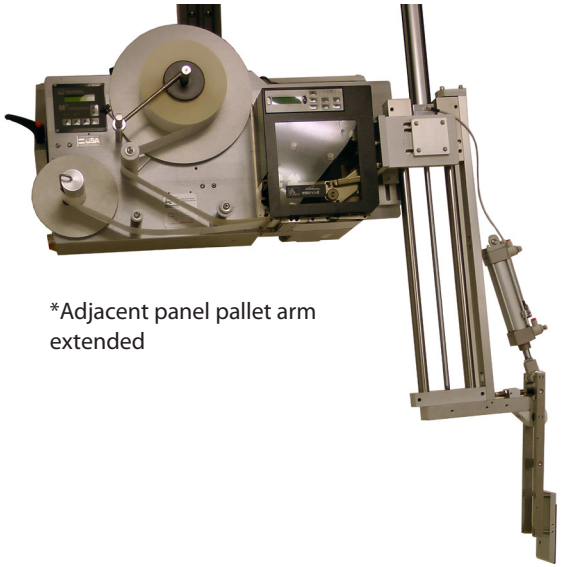
Low label, low ribbon, end of ribbon and end of label faults are included with a two lamp fault indicator.

The Q33 PL is constructed of anodized aluminum and stainless steel. It features a 12" label unwind (16" optional), linear slide air cylinder, variable torque waste rewind motor, and all quick disconnect electronics and pneumatics.

ADVANCED CONTROLS

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

The Q33 printer applicator is also available with PLC non-proprietary control options such as Allen Bradley Micrologix or Contrologix platforms. The operator interface can be any number of commercial offering from simple keypad to color touch screen.



*Adjacent panel pallet arm extended

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
- Premium high cycle rate air cylinders
- Rugged stainless steel and 5/8" aluminum side plate construction
- Precision sealed bearings
- Innovative machined mounting yoke for positive applicator positioning
- Dependable performance in harsh environments
- 12"(406mm) unwind for less frequent roll changes
- "Straight" web path fully compatible with RFID and Linerless labels

OPTIONS:

- Recommended spare parts kit
- Powered Waste removal system
- Left-hand version
- Heated enclosure with hinged access doors
- Line speed compensation (requires optional encoder package)
- Audible Alarm
- Additional Stack Lamp
- Adjustable U-Mount style Support Stand
- "Apply Only" variable speed label feed module
- Label design software package
- Industrial PC with touch screen

Q33 SPECIFICATIONS:

Size: 34.75"(883mm) width x 18.87" (479mm) length
Approximate Net Shipping Weight: 100 lbs.(45kg)
Actual Labeling Rate: Dependent upon dispense speed and label feed length (up to 100 ppm)
Accuracy: Up to +/-1/32" (1mm)
Design Features: Modular pneumatic and electrical assemblies, stainless steel/aluminum construction, Precision sealed bearing, 5/8" thick machined aluminum side plate, stainless steel idler axils for positive web tracking, "Straight" RFID compatible web path
Label Dimensions:
Maximum width = 6 7/8"(174mm)
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)

QUADREL LABELING SYSTEMS

7670 Jenther Drive • Mentor, Ohio 44060 • Phone: 440-602-4700 • Fax: 440-602-4701 • Email: labeling@quadrel.com • www.quadrel.com