

TECHLINE®

Vertical Roller Labeling System

This high performance, economically priced labeling system was specifically designed for unstable, thin walled cylindrical products, such as bottled water containers. Unlike conventional wrap systems, this vertical roller system uses 4 points of bottle contact to square and align the surface of the container to minimize label spirals. Production rates up to 200 ppm with a +/- 1/32" accuracy are possible with this system.

The TechLine Vertical Roller labeling system is available with a full complement of options, including feedscrew or pneumatic product bank control, label coders, bar code scanners, product eject station, etc.



- Compact footprint
- Suitable for harsh/ multi-shift environments
- Allen-Bradley® PLC control with color touchscreen
- 50 programmable product presets
- Encoder-based speed compensation
- AC inverter controlled product handling
- Specifically designed for unstable, thin walled, cylindrical containers

CAPABILITIES

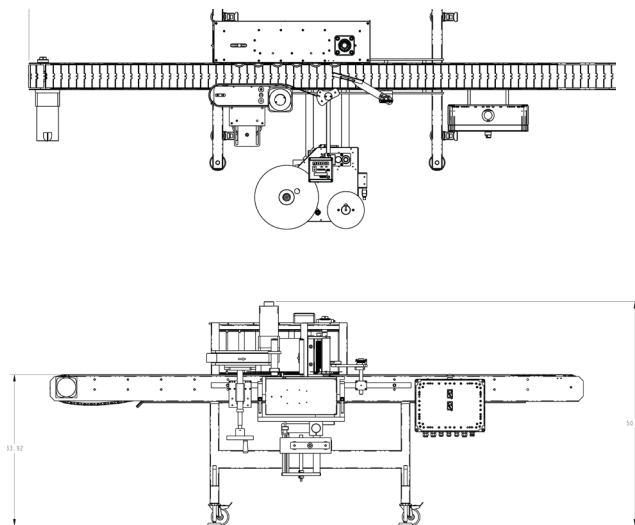
QUALITY / FLEXIBILITY

The TechLine labeling system is suitable for single or multi-shift operations where long-term reliability is important. All critical components are designed for 24/7 reliability.

The versatility of TechLine makes it ideal for contract packagers or companies requiring frequent changeovers on a wide variety of products.

ADVANCED CONTROLS

TechLine features Allen-Bradley® PLC control with on board diagnostics and label/ product preset memory. Additional features include color touchscreen operator interface and AC inverter controlled product handling.



STANDARD FEATURES

SYSTEM

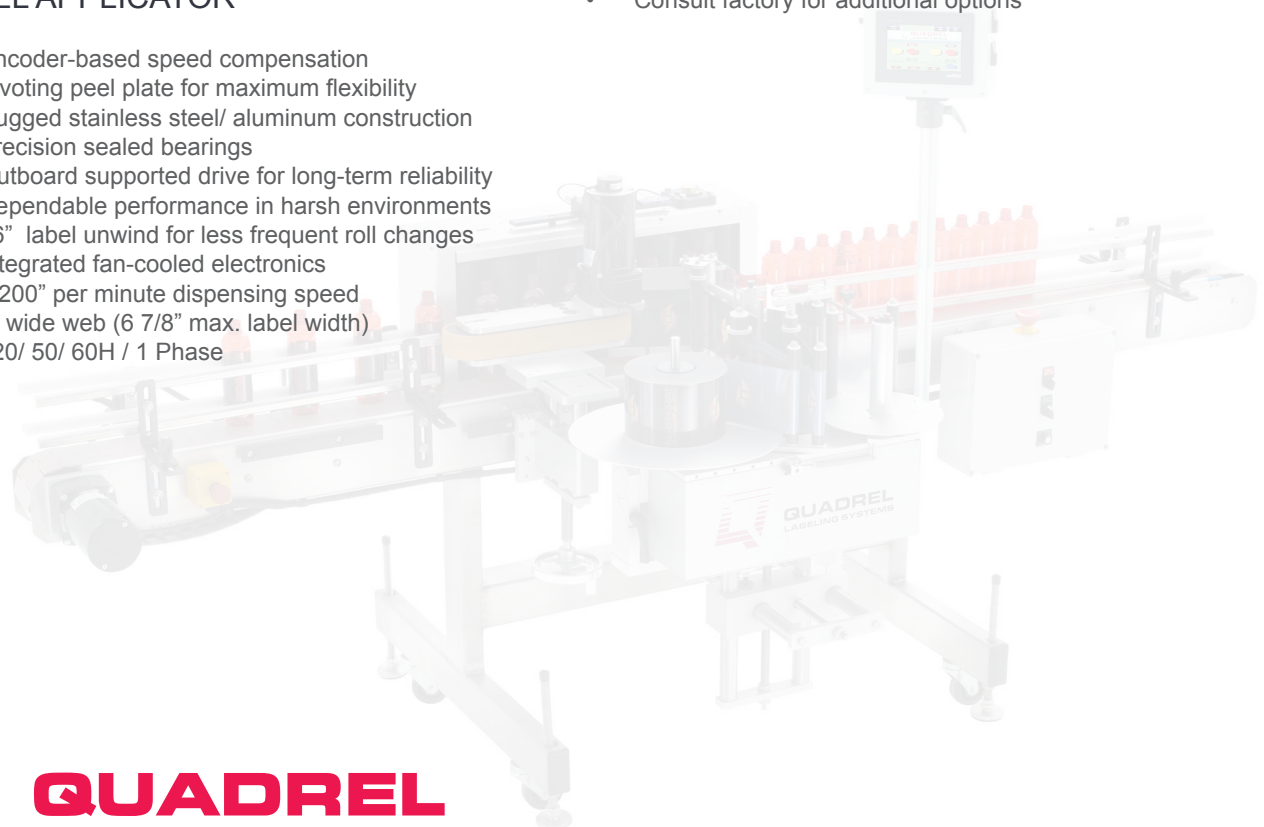
- Touchscreen operator interface
- AC variable speed frequency drives
- 4-1/2" width x 120" length x 34" height conveyor
- Digital speed indicator on touchscreen
- Stainless steel welded frame
- Production Rate: Up to 200 products per minute (dependent upon label/product dimensions)
- Applied Accuracy: Up to $\pm 1/32"$ @ Sigma 2 (exclusive of product variation)
- Maximum Product Height: 12"
- Pacing wheel

LABEL APPLICATOR

- Encoder-based speed compensation
- Pivoting peel plate for maximum flexibility
- Rugged stainless steel/ aluminum construction
- Precision sealed bearings
- Outboard supported drive for long-term reliability
- Dependable performance in harsh environments
- 16" label unwind for less frequent roll changes
- Integrated fan-cooled electronics
- 2,200" per minute dispensing speed
- 7" wide web (6 7/8" max. label width)
- 220/ 50/ 60H / 1 Phase

OPTIONS

- Missing label on product detection
- Vision system integration
- Product pacing and feedscrews
- Variable speed wrap station for round containers (Available in widths up to 7")
- Low label detection
- End-of-web detection
- Broken web detection
- Loose- Loop Thermal Transfer, Laser or Inkjet printer
- Hot stamp imprinter
- Clear label detection
- 20" label unwind
- 10" wide label web (9 7/8" max. label width)
- Consult factory for additional options



QUADREL
LABELING SYSTEMS