QUADREL
LABELING SYSTEMS

ROTARY Labeling System

ROTARY
Technology/Performance

Quadrel's 6T-670 rotary labeling system combines world class product handling with technically advanced label applicators and controls. This fusion of technology creates a product decoration system unsurpassed in accuracy, reliability and performance.

This rotary system features six stepping motor controlled bottle platforms, servo driven label applicators and Allen Bradley® PLC control with color touchscreen HMI.

The digitally controlled platform motion eliminates maintenance prone cam technology and allows product profiles to be changed instantly.

- Full compliant guarding with safety interlock
- Full onboard diagnostics with product profile recall
- Allen Bradley® PLC platform
- Allen Bradley® color touchscreen operator interface
- Infeed and outfeed product bank control
- Jam protection with auto shut down
- Low label, broken web and end of web detection
- Anti-corrosion stainless steel construction

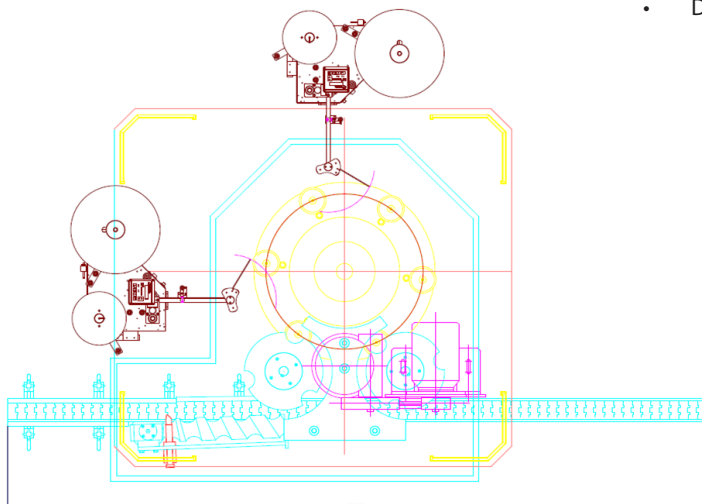## www.quadrel.com
440.602.4700

QUALITY / FLEXIBILITY

The 6T-670 comes standard with Allen-Bradley® PLC control and color touch screen HMI (Human Machine Interface).

Design features include stainless steel construction. Product infeed is controlled by self-powered clutched feed screws; this eliminates the need for stop gates and insures a smooth, jam-free product transition at high speeds.

Precision 4-axis head supports with position indicators insure fast, accurate and repeatable product changeovers.

ADVANCED CONTROLS

Allen Bradley® controls enable the option to connect the Rotary to an existing production DeviceNet. Instant real time system status and machine coordination are now possible with this Ethernet connection.

STANDARD FEATURES

SYSTEM

- Turret diameter: 670mm/26.1"
- Platforms (T): 6
- Product pitch: 352mm/13.7"
- Production rate : 175
- Maximum product height: 356mm/14"
- Electronics platform: Allen Bradley® PLC and touch screen with intelligent servo label drive
- All digital AC frequency inverter control
- Applied accuracy: Up to +/-1/32" @ Sigma 2

LABEL APPLICATOR

- Stepping motor label drive
- Optional Emerson servo motor label drive
- Web Width: 7" or 10"
- Unwind: 16"O.D. standard, 3" I.D. core
- Labeling Head Accuracy: ±.5mm @ Sigma 2
- Electronics: Allen Bradley PLC, Encoder-based automatic speed compensation
- Dispensing Speed: 2,200"per minute

OPTIONS

- Low label detection
- End-of-web detection
- Broken web detection
- Missing label on web detection
- Missing imprint detection
- Hot stamp imprinter
- Missing label on product with ejection
- Bar code verification with product ejection
- Vision systems
- Additional labeling heads
- Zero-downtime crossover capability

LABEL APPLICATOR OPTIONS

- Left or Right-hand versions
- Low label detection
- End-of-web detection
- Broken web detection
- Thermal Transfer, Laser, or Hot stamp imprinter
- Clear label detection
- Powered waste rewind assembly
- 20" label unwind capacity
- Push-Pull label drive
- Consult factory for additional options

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