

CAPABILITIES PROFILE

PREMIER



PREMIER

This premium quality, in-line labeling system sets a new performance standard for pressure-sensitive labeling. Premier was specifically designed to provide reliable 24/7 performance in the harshest environments.

This system will apply paper or clear film pressure-sensitive labels to a wide variety of oval, rectangular or cylindrical containers at speeds up to 400 products per minute with ± 5 mm accuracy. Available configurations include front/back, neck, full wrap or custom. The machine shown features optional redundant labeling heads for continuous non-stop operation.

ADVANCED TECHNOLOGY

Premier comes standard with "non-proprietary" Allen-Bradley PLC control and color touch screen HMI (human machine interface). The labelers are driven by stepping or servo motor.

Design features include stainless steel construction and $\frac{3}{4}$ " dia. line-shaft product handling. Product infeed is controlled via clutched feedscrews. This eliminates the need for stop gates and insures smooth, jam-free product transition at high speeds.

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



QUADREL
LABELING SYSTEMS

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Packaging - Processing

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com

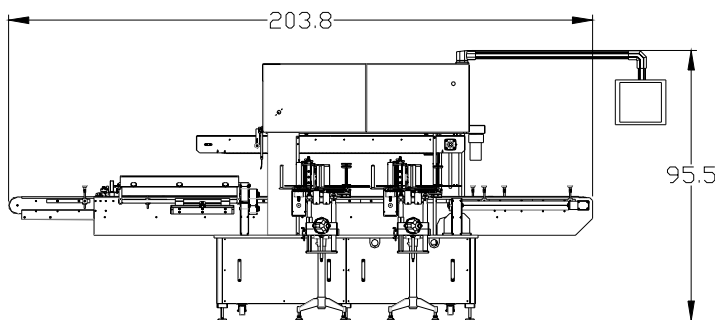
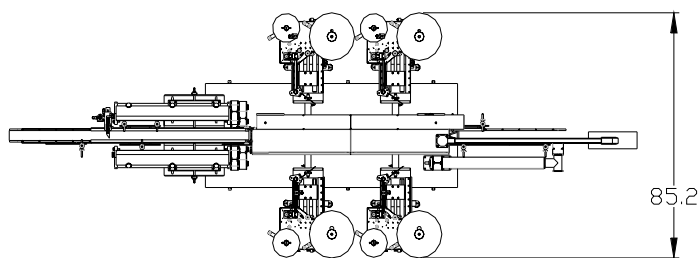
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DESCRIPTION

- Premier is a heavy-duty, premium quality, in-line labeling system available in configurations of front/back, spot, neck wrap, full wrap or any combination
- System is controlled by Allen Bradley PLC and color touchscreen HMI (human machine interface)
- Up to 4 servo or stepper-driven applicators provide high-speed labeling without wear components
- Encoder-based speed compensation automatically synchronizes the labeler to the system's product handling
- All components are anodized aluminum or stainless steel
- Product changeovers are fast, accurate and repeatable with precision 4-axis head mounts
- Pivoting label head mount eases threading
- All electronic components feature quick disconnect cabling

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



Q60 LABELING HEAD

- **Web Width:** 4-1/2"(114mm), 7"(177mm) or 10"(254mm)
- **Unwind:** 16"(406mm) O.D. standard, 3"(76mm) I.D. core
- **Labeling Head Accuracy:** ± 0.5 mm @ Sigma 2
- **Electronics:** Allen Bradley PLC
Encoder-based automatic speed compensation
- **Dispensing Speed:** 1200"(30m) per minute high-torque stepping motor. 2200"(55m) per minute drive also available.

PRODUCT HANDLING

- 4-1/2"(114mm) width X 203.8"(5.17m) length conveyor
- Top hold down conveyor length-84"(2.1m) [dependent upon system configuration]
- Feedscrew drive or chain aligners for product alignment
- Wrap stations for round containers available in 12"(304mm), 18"(457mm) or 24"(609mm) length
- Also available: Powered impressors, indexing unit and horizontal or vertical turnion conveyors
- Variable speed digital AC inverter drive coupled to 1½HP AC drive motor and shaft-driven product handling ensures optimum speed/torque performance

PREMIER SYSTEM

- **Speed:** Up to 400 products per minute (dependent upon label/product dimensions)
- **Applied Accuracy:** Up to ± 0.5 mm @ Sigma 2
- **Maximum Product Height:** 15"(381mm)*
- **Minimum Product/Label Dimensions:** Consult Factory
- **Overall System Length:** 203.8"(5.17m) standard*
- **Standard Width:** (2 or 4 headed) 72"(1.8m)
- **Height:** 75"(1.9m)
- **Utilities:** 220/208VAC/Single Phase 60Hz
- **Approximate Net Shipping Weight:** 6000 lbs. (2727kg)
[dependent upon system configuration]

*CONSULT FACTORY FOR CUSTOM CAPABILITIES



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