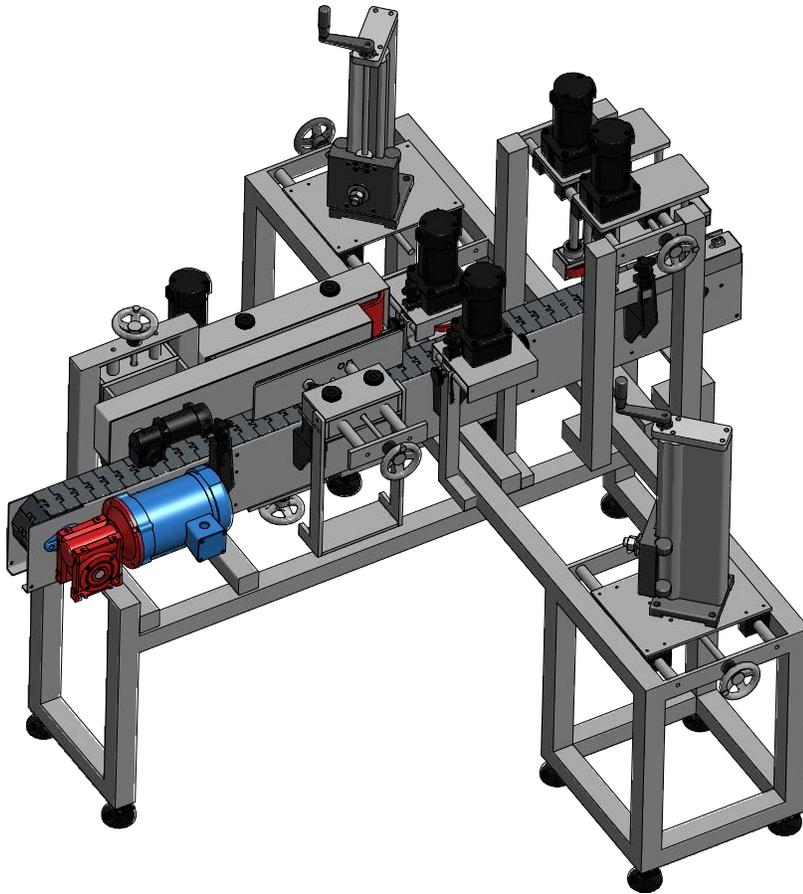


Modular Labeling System



D&R Packaging, Inc.

9015 W. 51st St.

Merriam, KS 66203

Office: (913) 722-6664

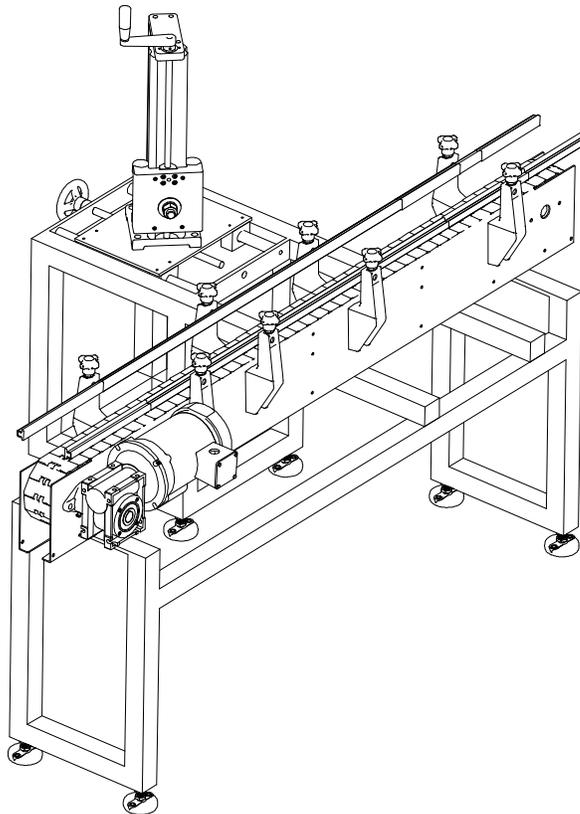
Fax: (913) 722-6563

www.dandrpackaging.com

Base Model ConveyORIZED Modular Labeling System:

A modular system with rigid and reliable construction provides consistent performance in demanding industrial labeling environments.

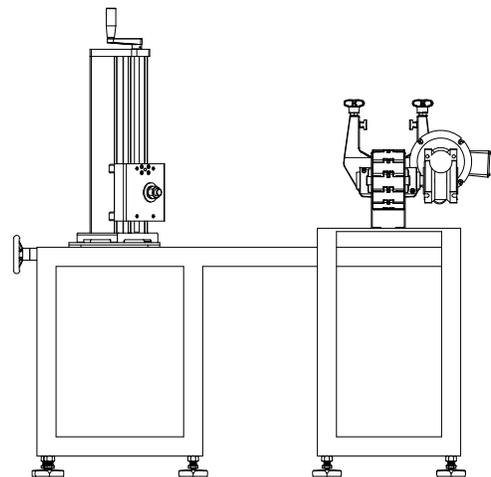
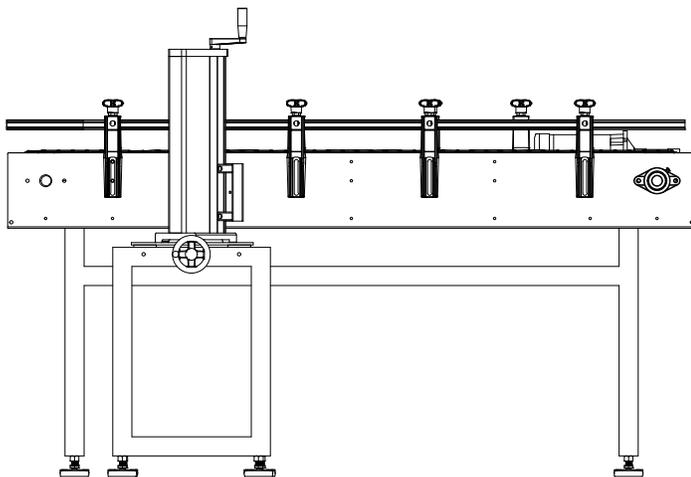
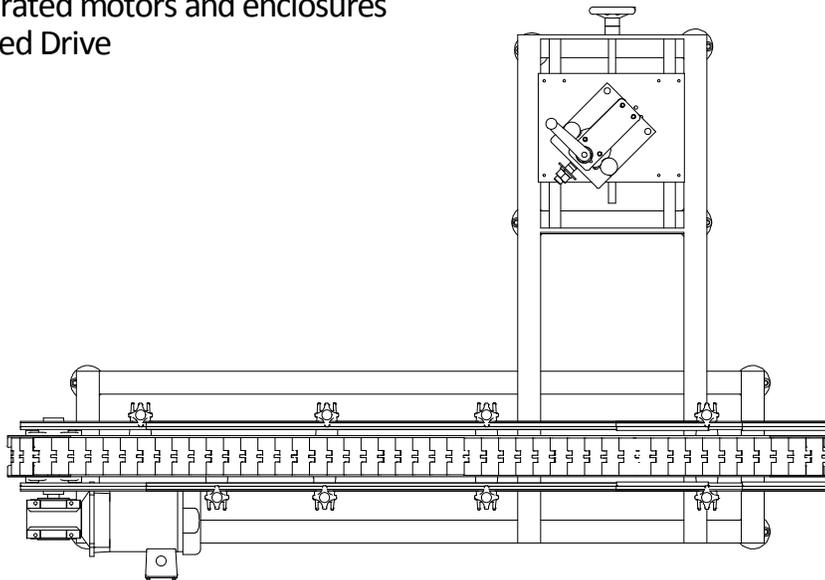
- Seal-welded, mild-steel tubular frame with independently adjustable labeler mounting
- 96" OAL conveyor standard (any length may be accommodated)
- 4.5" - 6" wide tabletop chain standard, any manufacturer's style tabletop or mattop chain may be accommodated, additional costs may apply
- Mount for any brand of labeler for top or side-apply labels, with vertical and horizontal adjustment and two-axis precision tilt
- Designed for easy integration of various label-application accessories (wrap station, thermal imprinter or hot stamp, spacing wheels and belts, etc.)
- Variable speed drive
- 90VDC gearmotor, with 110VAC input drive and shaft mounted right angle reducer
- Leveling feet or stainless steel double-locking casters
- All welds ground to 120 grit finish
- Powder coated machine gray or white
- Conveniently located electrical and operator panels with operator start/stop pushbuttons, emergency stop, and protected potentiometer speed control



Pharmaceutical and Food-Grade Wash-down Model:

Everything included in the base model system with additional top-of-the-line component construction, built to withstand the most vigorous wash-down manufacturing environments. This system accommodates a wide variety of labeling applications.

- Seal-welded stainless steel tube
- Stainless steel conveyor frame, No. 4 or Mill finish
- Stainless steel shafts and hardware
- All welds ground and polished to a 120 grit with bead-blast finish
- Frame is seal welded to facilitate cleaning
- Modular mattop conveyor system is easily remove-able from base, allowing simple modifications without disassembly
- Raised conveyor bed for easy cleaning
- All accessory components anchor directly to base frame
- Wash-down rated motors and enclosures
- Variable Speed Drive



Labeling Station Accessories:

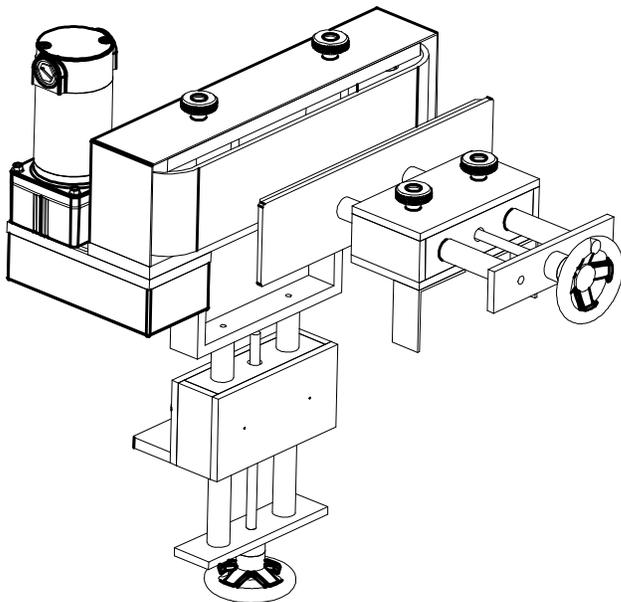
Accessories offered in both Base and Wash-down models.

Accessories mount to the base frame for a more rigid and truly modular machine that can have accessories added in the future.

Wrap Belt Station:

Base

- Single wrap belt, back up pad, and mountings for label wrap applications
- Tilt-adjustable and hand-wheel vertical adjust wrap belt
- Horizontal hand-wheel adjustable back-up pad, manual vertical and tilt-adjust
- Custom linear-slide construction, rigid 1 in. shafts with independent locking mechanisms and self-lubricating delrin for precision adjustment
- Custom quick-change timing belt and sprocket for easy changeover and elimination of slippage and tracking problems, providing ultra-reliable wrap-apply labeling.
- Fully guarded for operator safety
- 4" OAW, 15" OAL standard, custom specs available
- 90VDC gear motor, 120 VAC input variable speed drive



Wash-down

Includes everything in the base-model, plus:

- All stainless steel and delrin construction
- Food-grade timing belt covering (various covering available, product specific)
- Wash-down duty motor and gearbox, variable speed drive
- Bead-blast finish

Labeling Station Accessories:

Accessories offered in both Base and Wash-down models.

Accessories mount to the base frame for a more rigid and truly modular machine that can have accessories added in the future.

Dual Spacing Belts:

Base Cost for a Medium Duty

- Dual spacing timing belts 1 ½" wide vulcanized with various coverings (product specific)
- Dual DC gearmotors, single speed control
- Stand-alone operator/ electrical panel
- Manual tool less adjustment
- Floating "stub shaft" timing sprockets for easy belt-changing
- Fully guarded for operator safety
- Precision hand wheel center line adjuster optional

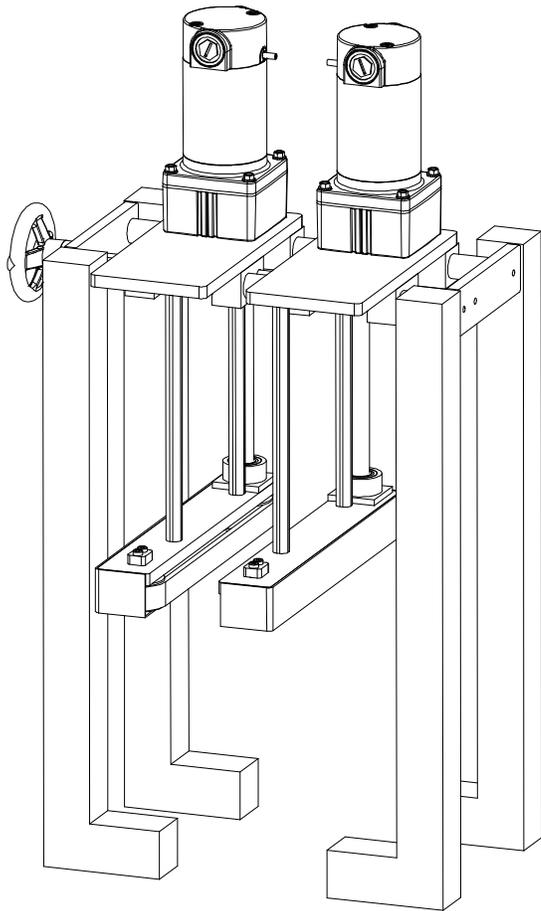
Wash-down Medium Duty

Includes everything in the base-model, plus:

- Stainless steel construction
- Food-grade belt covering
- Wash-down duty motor and gearbox, variable speed drive
- Wash-down electrical/ operator panel and pushbuttons
- Bead Blast finish
- Precision hand wheel centerline adjustment

Available Options for Spacing Belts:

- Compact (Light Duty) for small products and tight locations
- Stand alone gap transfer systems to expose the bottom of products for labeling or coding
- Heavy Duty with right angle gear motors to handle high back pressure and large products



Labeling Station Accessories:

Accessories offered in both Base and Wash-down models.

Accessories mount to the base frame for a more rigid and truly modular machine that can have accessories added in the future.

Spacing Wheels:

Base

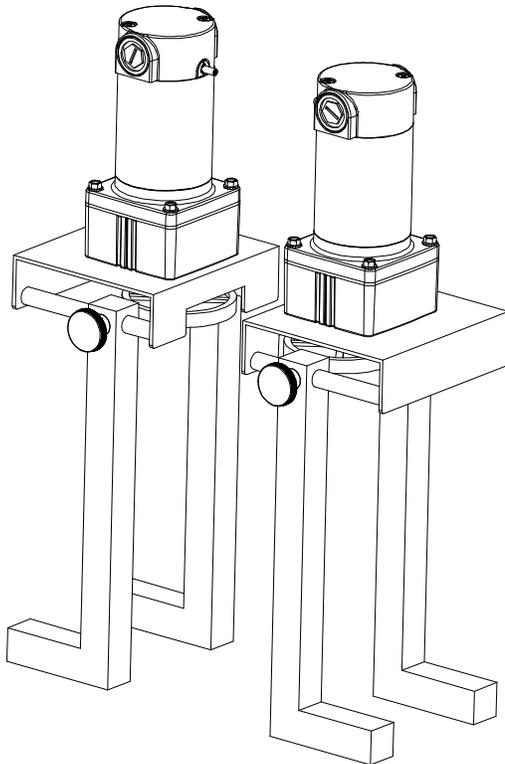
- Single metering wheel with variable speed DC drive and mounting bracketry

Dual Wheel Wash-down

- Dual metering wheels, an economical and reliable choice for spacing light weight and/or empty bottles with little or no backpressure
- Stainless steel construction, bead blast finish
- Tool less centerline adjustment
- Wash-down duty gear motors with variable speed drive
- Wash-down electrical/ operator enclosures
- Medium durometer rubber spindle wheels

Three-Roller Wrap Station Upgrade (not pictured):

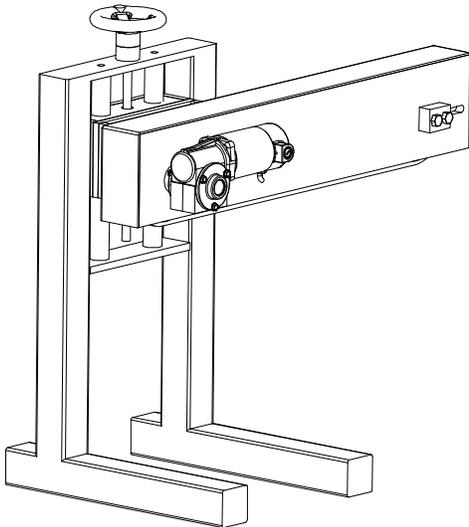
- Standard wrap-station upgrade, the roller-station works in conjunction with the wrap belt to consistently apply oriented wrapped labels
- Wash-down construction comes standard
- Rigid large-bore linear bearing guided air cylinders control roller extension and product gating
- Manifold mounted solenoid valves
- Fiber optic product sensors
- PLC-based controls
- Food-grade idle-roller covering
- User-friendly 6" Color touch screen HMI for easy product changeover and programming



Labeling Station Accessories:

Accessories offered in both Base and Wash-down models.

Accessories mount to the base frame for a more rigid and truly modular machine that can have accessories added in the future.



Top Hold Down Belt:

Base

- 1 ½" wide x 27" long top hold down belt (various belt covering available , product specific)
- Floating "stub shaft" timing belt sprockets for easy belt-changing
- Hand Wheel vertical height adjustment
- Right angle gear motor
- Variable Speed drive
- Many widths and lengths available dependent upon product and equipment configuration

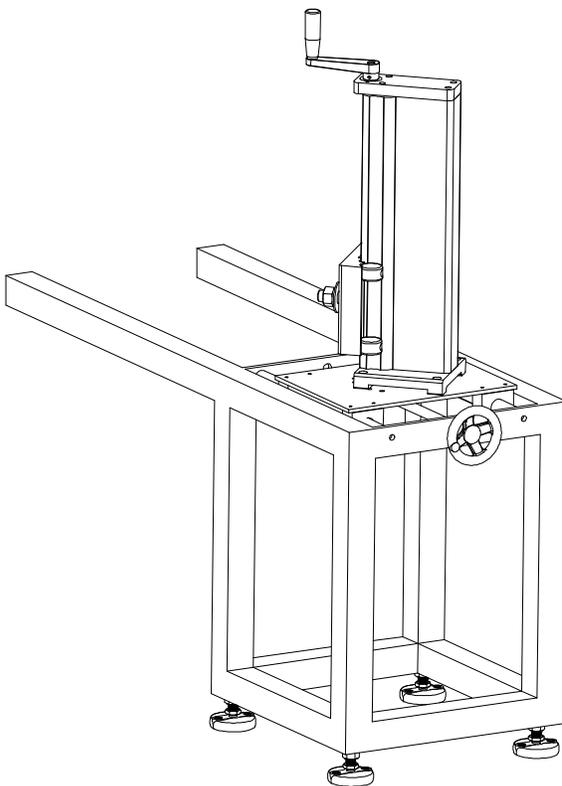
Servo Driven Top Hold Down Belt

- Servo drive motor follows the speed of the main conveyor chain via encoder feedback

Additional Labeling Head Mount:

Base

- Welded steel support frame
- Hand Wheel adjustable horizontal traverse
- Hand Wheel adjustable vertical slide assembly
- Adjustable leveling pads
- Mounting hardware to attach to base unit frame
- May be configured for Top, Side, or Bottom application

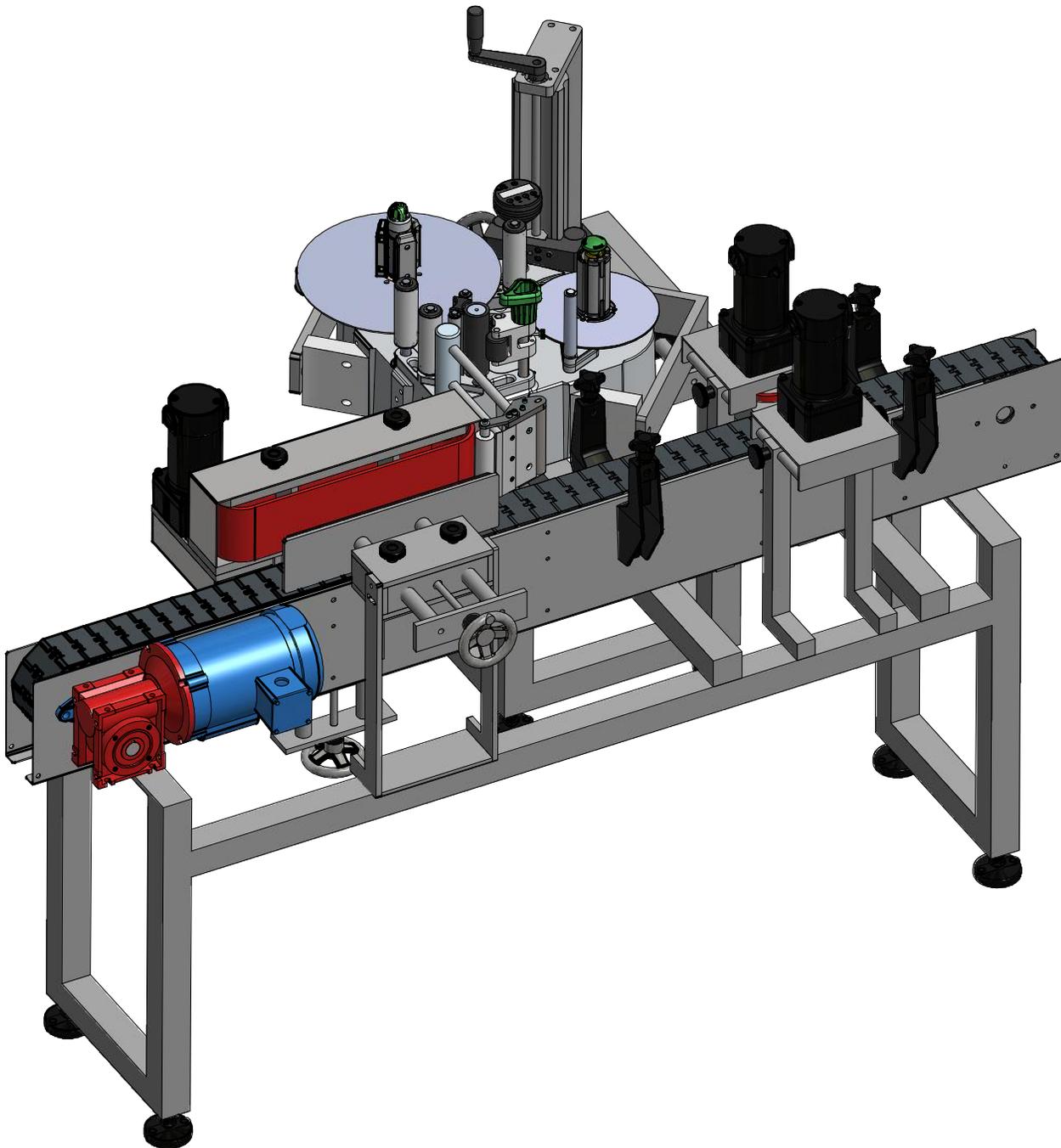


Configuration Examples:

Any combination of base + accessories possible, achieving high performance adaptability from the simplest to the most challenging labeling applications.

Pictured with Novexx ALS 204 Label Applicators, pricing available on request

Base Module, Wrap Station and Dual Spacing Wheels:

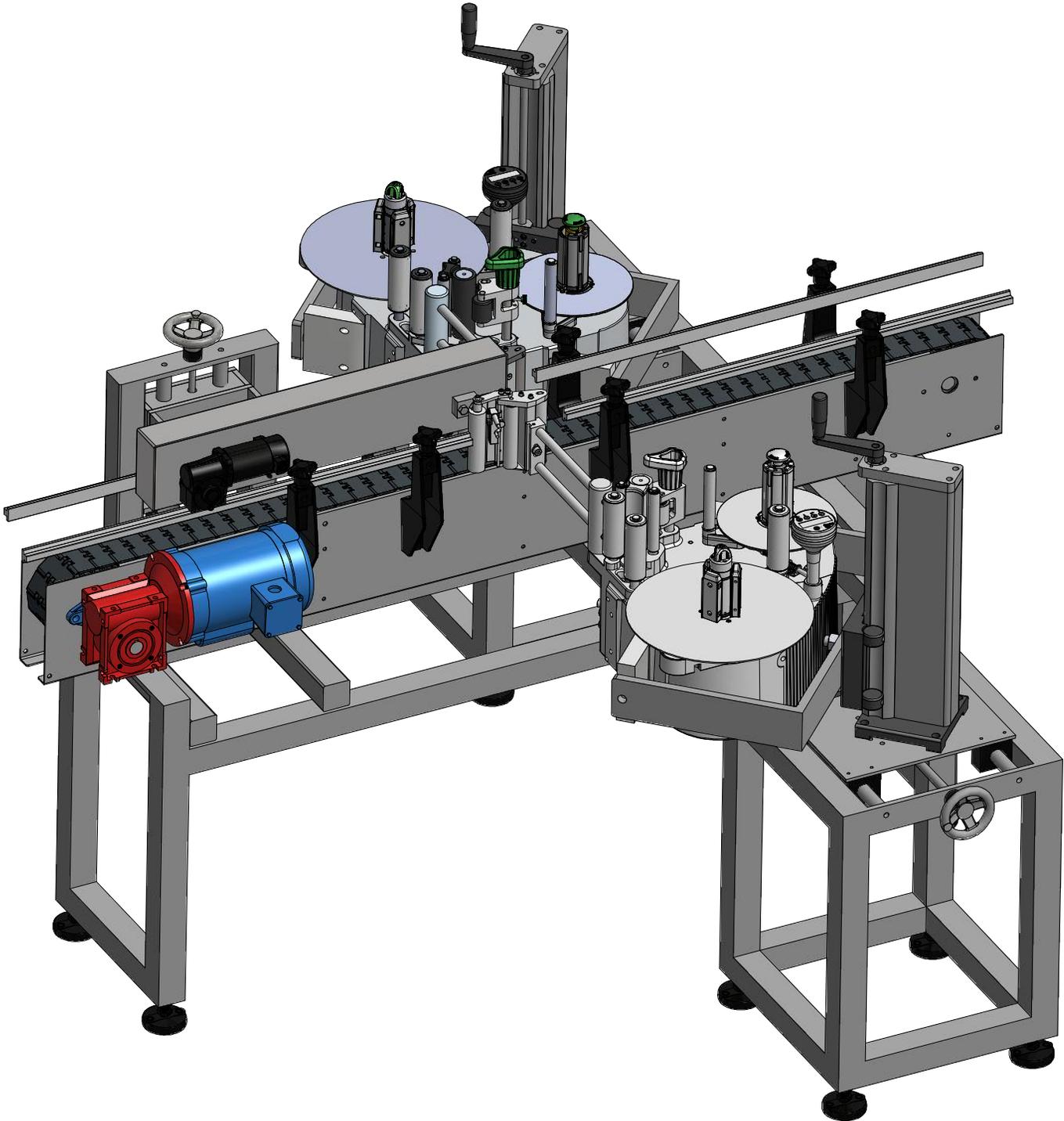


Configuration Examples:

Any combination of base + accessories possible, achieving high performance adaptability from the simplest to the most challenging labeling applications.

Pictured with Novexx ALS 204 Label Applicators, pricing available on request

Base Module, Top Hold Down Belt and Additional Head Mount:



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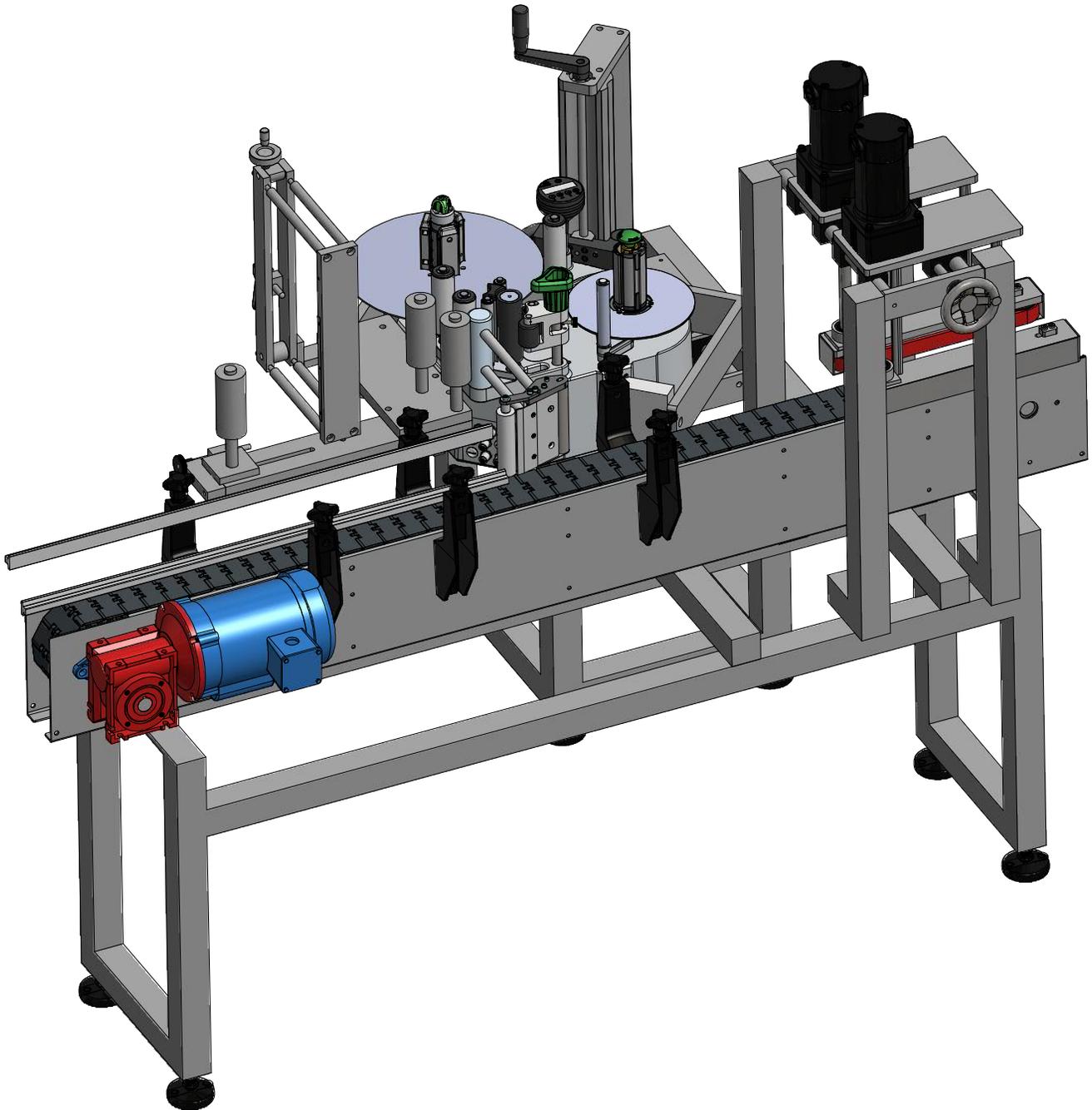
Office: (913) 722-6664
Fax: (913) 722-6563

Configuration Examples:

Any combination of base + accessories possible, achieving high performance adaptability from the simplest to the most challenging labeling applications.

Pictured with Novexx ALS 204 Label Applicator and Custom Thermal Transfer Printer Mount, pricing available on request

Base Module, Dual Spacing Belts and Custom Thermal Transfer Printer Mount:

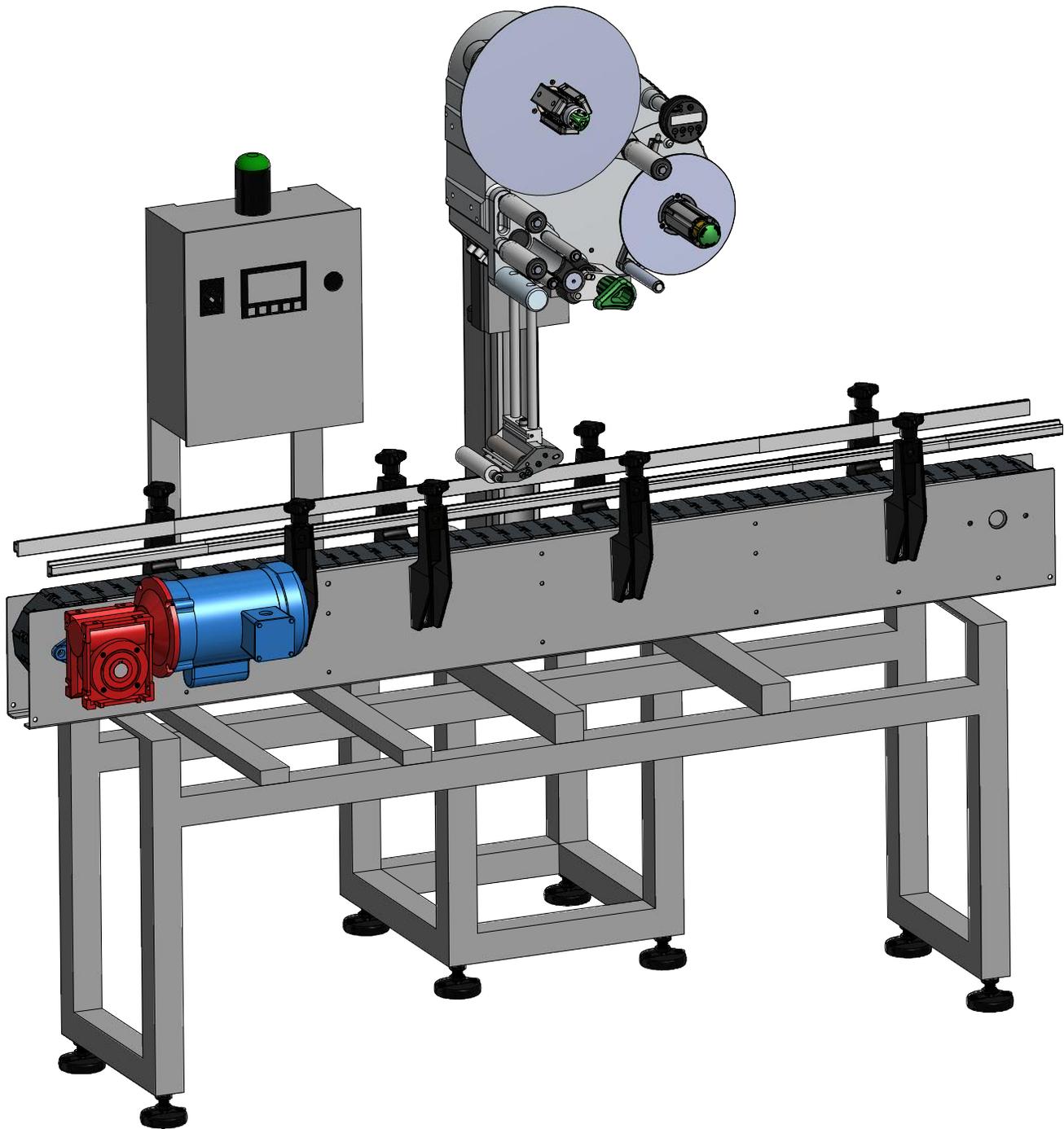


Configuration Examples:

Any combination of base + accessories possible, achieving high performance adaptability from the simplest to the most challenging labeling applications.

Pictured with Novexx ALS 204 Label Applicators, pricing available on request

Base Module with Top-ApPLY Labeler and Barcode Verification Panel:



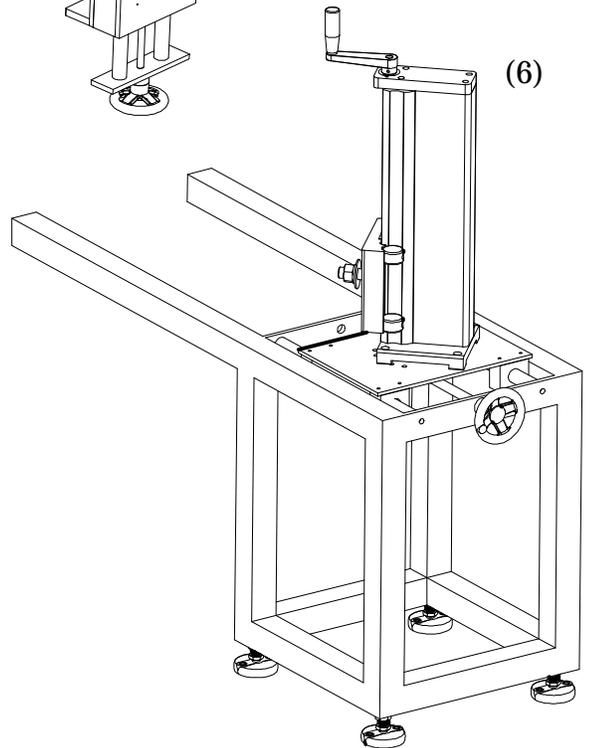
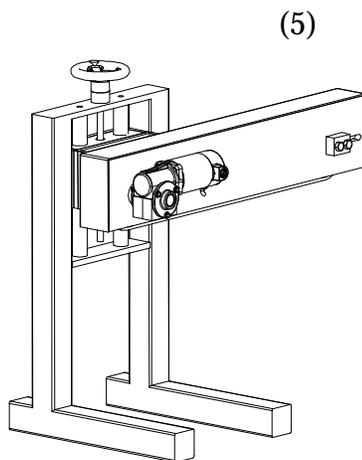
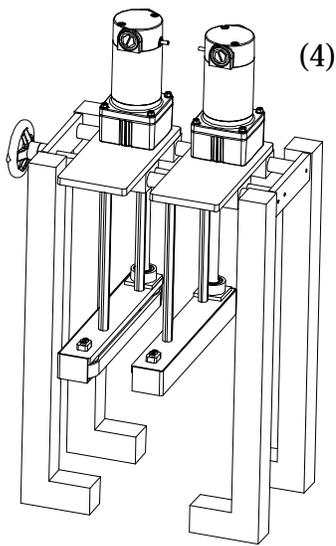
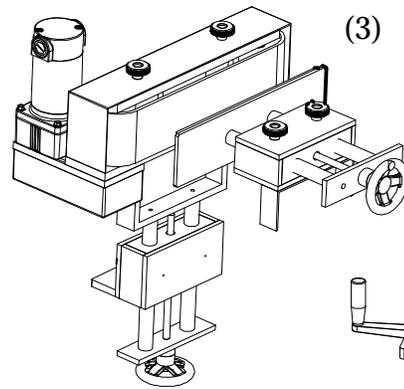
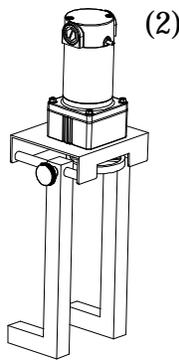
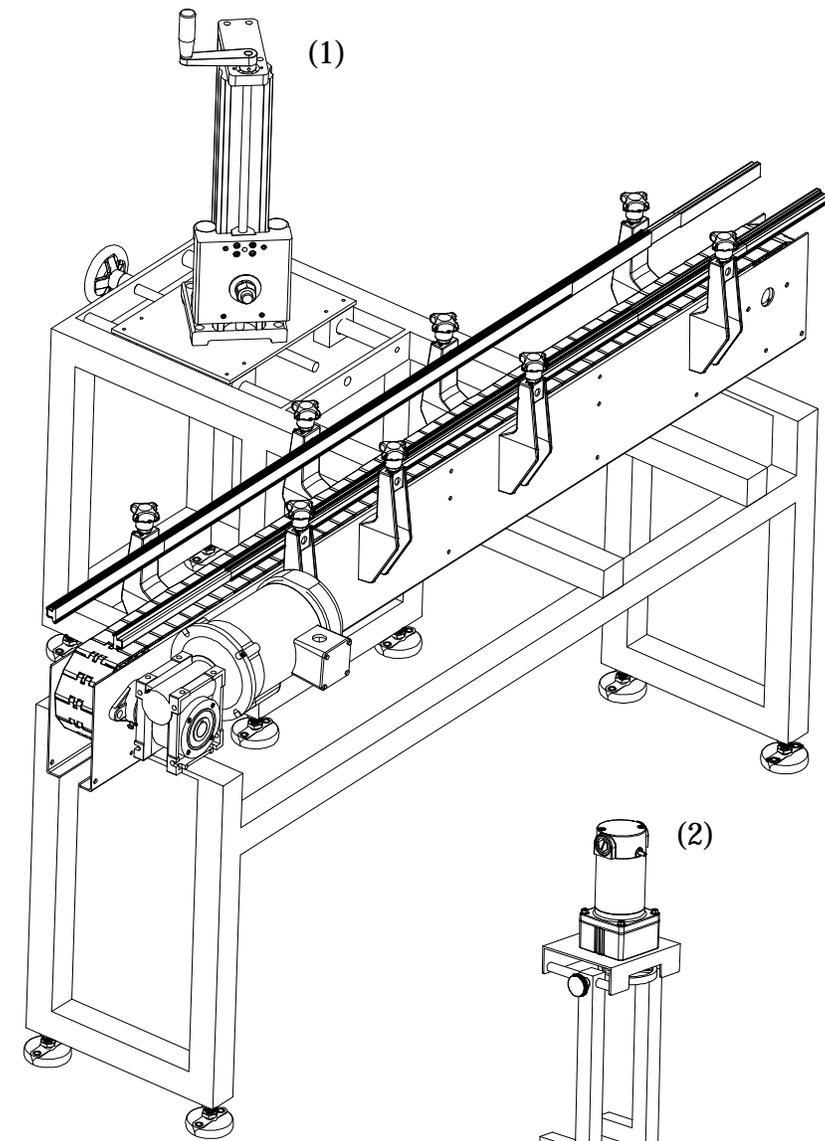
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Quick-Look D&R Modular Labeling System Base Model (1)

and optional
easy-attach accessories:
(2) Spacing Wheel,
(3) Wrap Station,
(4) Dual Spacing Belts,
(5) Top Hold-Down Belt, and
(6) Additional Labeling Mount



Your Logo Here

Barcode Validation System

Verify Either 1D or 2D Barcodes

Single or Dual Scanner Systems

Confirm that your product has the correct labeling on each container by %Barcode Validation+. This system checks each container for barcode presence, correct matching barcode, and that each barcode is scannable.

The PLC controlled system comes standard with two different modes of operation. %Rejector Control+ includes adjustable reject delay and reject duration timers along with a built in shift register to control a down stream rejection station. %Reject Lockout+ which initiates a holding circuit until the system is manually reset.

The color touch screen displays counts of %Good+ and %Reject+ products as well as all controls for, Mode of Operation, adjustable timers, barcode teach, and system tests. The HMI will display what type of failure has been detected.



* Some optional equipment pictured

Standard Barcode Validation System price **\$6,000.00**

Options:

- NEMA 4X stainless steel enclosure....add \$675.00
- 2D Barcode scanner ò ò ò ò ò ..add \$350.00
- Second Barcode scanner ò ò ò ..add \$3,350.00



Green : Running Condition

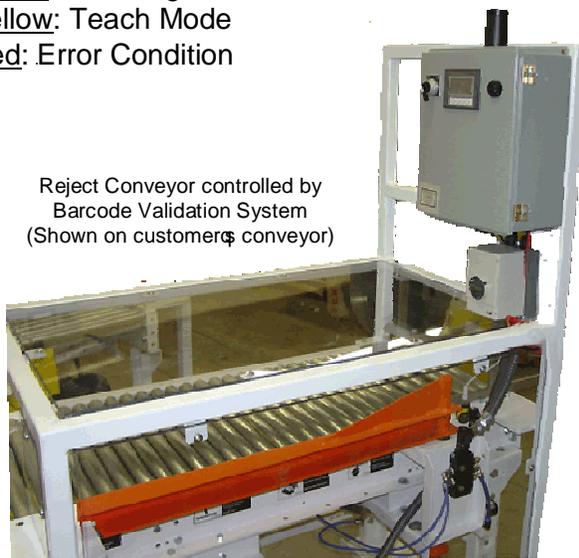


Yellow: Teach Mode



Red: Error Condition

Reject Conveyor controlled by Barcode Validation System (Shown on customer's conveyor)



Standard Features

- PLC controller
- Four color touch screen HMI
- Raster scanner
- Photo-eye product trigger
- One of the smallest scanners commercially available
- Multi color annunciator light
- Audible alarm
- NEMA 12 enclosure
- Displayed counters for %Good+ and %Reject+ products
- HMI with built-in password
- HMI accessible controls for all timers and modes of operation