

# INDIVIDUAL LABEL COUNTING REWIND MACHINE

WEB TECHNIQUES



MODEL WT-25LC

**BUILT-IN PHOTOELECTRIC COUNTING SYSTEM.**  
**QUICKLY COUNT THE NUMBER OF LABELS ON A ROLL.**  
**HELPS SOLVE LABEL INVENTORY PROBLEMS.**

## **FEATURE:**

- **COUNT INDIVIDUAL LABELS OR BY LENGTH.**  
... Flip a switch to change count mode.
- **PEDESTAL-MOUNTED HIGH-VISIBILITY COUNTER:**  
... **Dual Preset.** Set deceleration and stop points.  
... **Large,** bright red LED display.  
... **Automatic Reset to Zero** in length mode for winding repetitive roll lengths. In photoelectric mode, label count is preserved until operator presses the manual reset button.
- ... **Bi-Directional Counting.** Counts down automatically in length mode when material is manually pulled backwards. When counting photoelectrically, a "Count Up/Count Down" switch is used to change the count direction.
- ... **EEPROM Memory.** Retains data with power off.
- **RAZOR BLADE SLITTING ATTACHMENT AVAILABLE.** (Requires air coreholder on rewind for multiple cores).
- **REVERSIBLE REWIND.** Wind labels in or out.
- **ADJUSTABLE BRAKE** to control web tension.
- **CHOICE OF COREHOLDER STYLES:**  
... Lift-off Cam-lock (mechanical).  
... Air inflatable.
- **INFINITELY VARIABLE MOTOR SPEED CONTROL** with dynamic braking and solid state instant reversing.
- **RELAY-OPERATED CONTROL FOR SAFETY.** Machine will not start again after a power failure until operator action is taken.
- **STAINLESS STEEL TOP** with smooth, rounded corners and 4-inch high backrail.
- **TAPE DISPENSER**

## GENERAL INFORMATION

The WT-25LC features a highly refined photoelectric counting system. This makes it ideally suited to the pharmaceutical roll label printing and packaging industries where label count reconciliation is required. For simple operations, the counting system can be set to operate in the length counting mode.

## PHOTOELECTRIC COUNTING SYSTEM

A thru-beam type scanner is supplied as standard equipment. The web passes between a light source and a photodetector. Pressure-sensitive die-cut labels with a space between them appear as dark images to the scanner. This scanner can also be used to count labels with punched holes.

A "Count/Standby" switch allows the unit to retain its count and resume when desired. A "Manual Incremental Count" pushbutton allows the operator to compensate for labels that have passed the scanner location during initial set-up. When used in conjunction with the "Count Up/Count Down" switch, the operator can also subtract counts when removing labels or pulling the web backwards. An indicator light reminds the operator that the counter is in the "Count Down" mode and must be returned to the "Count Up" mode before resuming normal operation.

## ELECTRICAL SYSTEM FEATURES

The electrical system was designed for high reliability, safety, and ease of maintenance. Special attention was also given to providing for future expansion. Spare terminals at strategic points make it easy for customers and systems integrators to connect auxiliary equipment. This includes terminals to connect "Stop" signals from external apparatus and terminals to operate other devices when the WT-25LC motor is started or stopped. A set of spare terminals in the photoelectric counting system makes trigger pulses available to such devices as bar code readers and imprinters.

## SPECIFICATIONS

|                         |   |
|-------------------------|---|
| MAXIMUM WEB WIDTH       | 7 inches (17.78 cm), optional 10 inches (25.4 cm)                               |
| MAXIMUM UNWIND DIAMETER | 24 inches (61 cm)   |
| MAXIMUM REWIND DIAMETER | 18 inches (45 cm), optional 24 inches (61cm)                                    |
| COREHOLDER              | 1 pair 3-inch (7.62 cm), diameter lift-off cam-lock, (Air coreholders optional) |
| POWER REQUIRED          | 108-130V 50/60HZ, 1 Phase, optional 208-240V 50/60HZ, 1 Phase                   |
| SHIPPING WEIGHT         | 370 Pounds (168 kg)   |

## SHIPPING AND INSTALLATION

Each unit is completely assembled and shipped in a custom-designed "No-Damage" container with air-ride cushioning devices to prevent shock and vibration damage in transit. Machines built to operate on 108-130 Volts include an 8 ft. power cord ready to plug into a standard three-prong grounded receptacle and use immediately. Complete operating instructions and electrical schematic drawings are included.

## OPTIONAL EQUIPMENT

- Razor blade slitting attachment
- Other diameter coreholders  
Standard Sizes: 1", 1-1/2", 1-5/8", 2", 4", 6"  
Special order sizes available
- Coreless rewind adapter
- Air inflatable coreholders
- Air coreholder foot treadle actuator
- 24-inch (61 cm) diameter rewind capacity
- 12-inch incremental counter
- Metric incremental counter
- Splicing aid
- Splice detector - also functions as an automatic roll end shut-off
- Constant web speed control (for inspection or imprinting devices)
- Clear/low-contrast label detection system (capable of detecting clear labels on a clear liner)

**ALSO AVAILABLE, OTHER MODELS FEATURING STROBE LIGHTS FOR HIGH SPEED VISUAL INSPECTION.**



**AAA Press International, Inc.**

3160 N. Kennicott Avenue ■ Arlington Heights, IL60004 ■ <http://www.aaapress.com> ■ [info@aaapress.com](mailto:info@aaapress.com)  
 US & CAN Phone 800.678.7222 Fax 800.678.7983 ■ INT. Phone 847.818.1100 Fax 847.818.0071