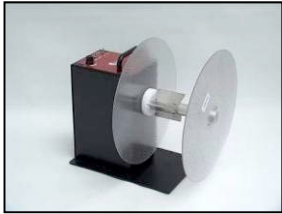# LABELMATE

# "CAT" Heavy-Duty Label Rewinders

## The CAT-3 Heavy-Duty Label Rewinders

LABELMATE's **Constant Adjustable Torque<sup>tm</sup> ("CAT")** technology has made the silent, easy-to-use **CAT-3** the **"Industry Standard"** Label Rewinder. There are no awkward troublesome belts or clutches. The **CAT-3-STANDARD** handles labels up to 155 mm wide and will wind a roll of labels up to a 300 mm diameter. Torque and Direction are fully controllable from the Control Panel. Dual torque ranges provide plenty of power for use with a LABELMATE Slitter, too.

For wider labels up to 255 mm (10"), choose the **CAT-3-10".** (Shown at right)
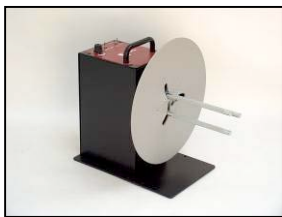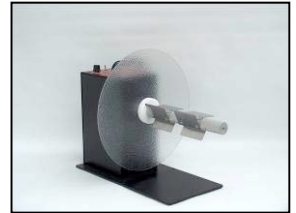
Model **CAT-3-ACH** includes an Adjustable Core Holder that accepts any core size from 25 mm to 101 mm in diameter and up to 155 mm in width.

The optional Adjustable Paper Guide **APG-CAT** with movable arm can be installed in minutes on the base of the **CAT-3-ACH or CHUCK.** This inexpensive accessory guides the outer edge of the label roll as it's being rewound to ensure even roll alignment.
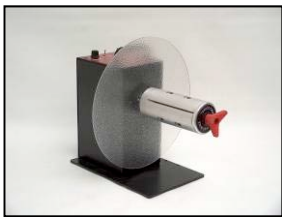
The **CAT-3-CHUCK** includes LABELMATE's durable **"Quick-Chuck"<sup>tm</sup>** quick-locking Core Chuck, permitting the fastest loading and unloading of cores and label rolls. The **CAT-3-CHUCK** is ideal for label slitting applications, high-volume production environments, or anywhere the ultimate convenience in Rewinders is desired. The **CAT-3-CHUCK** is available for 38-, 40-, 44-, 70, 76- and 100 mm cores.

The **CAT-40G** is gear motor driven for more torque. It accepts bigger rolls with a diameter up to 400 mm.
It is equipped with the LABELMATE **"Quick-Chuck"<sup>tm</sup>** quick-locking Core Chuck.
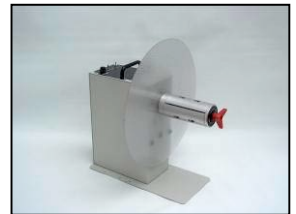
## The CAT-3-TA Heavy-Duty Label Rewinders

The **CAT-3-TA** is a **CAT-3** with tension arm specially engineered for applications that require fixed web tension. The TA is available for all models of **CAT-3**.
**All CAT-3-TA's are supplied with a Heavy-Duty Power Supply.**

IMPORTANT NOTE: The **CAT-3-TA** can be also be used as a regular **CAT-3** with the same features.

Rugged, heavy-gauge steel construction allows your **CAT-3 / CAT-3-TA** Rewinder to be simply set in place. Special anti-slip feet keep the unit from moving. The **CAT-3** handles any rewind job and with its "HIGH" torque range can also power the LABELMATE **S-100** or **S-200** Label Slitters. Reliable, high quality and maintenance-free, the Heavy-Duty **CAT-3 / CAT-3-TA** Label Rewinders feature a **5-Year Parts and Labor Limited Warranty**, the longest in the industry.

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED * (cm/ sec) |
|---|---|---|---|---|---|
| CAT-3 | STANDARD | The 'Industry Standard' Heavy-duty Label Rewinder. 76mm standard.* | 155 | 300 | 125 |
| | ACH | CAT-3 with an Adjustable Core Holder for any core size from 25 to 101mm in diameter. With inner flange. Use APG-CAT if you wish to also guide the outer edge of your label. | 155 | 280 | 125 |
| | CHUCK | The industry standard Heavy-duty Label Rewinder with an easy-loading 'Quick-Chuck'. Ideal for production work. 76mm standard.* | 170 | 300 | 125 |
| | 10-INCHES | CAT-3 for labels up to 255mm wide. 76mm standard; 38, 40, 44 or 70mm on request. | 255 | 300 | 125 |
| | 1-INCH | CAT-3 for 25.4mm diameter cores. | 155 | 220 | 125 |
| CAT-40G | - | Gear motor driven. Tight rewind up to 400mm. 76mm 'Quick-Chuck' standard.* | 170 | 400 | 32 |

\* The **CAT-3-CHUCK, Standard, CAT-40 and 10-Inches** are available for 38-, 40-, 44-, 70-, 76- and 100 mm diameter cores.

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED * (cm/ sec) |
|---|---|---|---|---|---|
| CAT-3-TA | STANDARD | Same features as CAT-3-STANDARD but with Tension Arm. | 155 | 300 | 125 |
| | ACH | Same features as CAT-3-ACH but with Tension Arm. | 155 | 280 | 125 |
| | CHUCK | Same features as CAT-3-CHUCK but with Tension Arm. | 170 | 300 | 125 |
| | 10-INCHES | Same features as CAT-3-10-INCHES but with Tension Arm. | 255 | 300 | 125 |
| | 1-INCH | Same features as CAT-3-1-INCH but with Tension Arm. | 155 | 220 | 125 |
| CAT-40G-TA | | Same features as CAT-40G but with Tension Arm. | | 400 | 32 |

**\* SPEED: The indicated speeds are the maximum speeds at beginning of a 76mm core roll.**
**MAXIMUM LABEL ROLL WEIGHT:**
     **STANDARD: 8Kg. – 10-INCHES: 10Kg. - ACH: 7Kg. - CHUCK: 8Kg. - CAT-40G: 14Kg.**

| MODEL | DESCRIPTION |
|---|---|
| APG-CAT | Optional Adjustable Paper Guide For CAT-3(-TA)-ACH or CAT-3(-TA)-CHUCK. Guides the outer edge of the label web to ensure an even roll edge. |
| PS-15V | 230V – 50Hz DC Heavy-Duty Power Supply. Output: 15V – 4.6A Included with CAT-3-TA Rewinder. |
| LTO | Low Torque Option. For tension sensitive printers. Factory installed. (Inkjet). |
| FOOT SWITCH | Foot Switch to start and stop the CAT-3 or CAT-3-TA. |

## CAT-3 SPECIFICATIONS:

All models are bi-directional.
"**TORQUE ADJUST**" - Continuously adjustable torque and braking control
"**TORQUE RANGE**" - NORMAL (REWIND), HIGH (SLIT)
"**EXTERNAL HALT CONTROL**" - External control removes power to the motor and applies braking.
**Dimensions:** 324H x 381W x 318D mm.
**Base plate footprint:** 180 x 370 mm or 180 x 280 mm.
**Weight:** Approximately 10.5 to 12.7kg.
**Power Requirements:** 230-vac 50-Hz. 120-vac 60-Hz power supply is also available at the same price.
**Warranty: 5-Year Parts and Labor Limited Warranty**, the longest in the industry. (One-Year Limited Warranty on included Power Supply Module.)

# LABELMATE

# "QUICK-CHUCKS"ᵗᵐ
# Quick-Loading Core Chucks for Volume Label Production

Here is the best answer for quick loading and unloading of label rolls. LABELMATE's precision, maintenance-free **"Quick-Chuck"**™ Core Chucks permit you to mount or remove a roll of labels on your rewinder or unwinder in seconds. They are ideal for heavy rolls, production operations, or for holding multiple cores for slitting. Quality European design and construction insure smooth and trouble-free operation.

To use a **Quick-Chuck**, just slide your label roll over the Chuck and turn the convenient lock knob. Instantly your roll is locked in place. To remove the roll, just give the lock knob a quick turn to the left and pull the roll off your machine!

LABELMATE's **Quick-Chucks** are now available in six different diameters to accept popular core sizes. An optional Outer Flange (**FLANGE-QC**) is available for the 76 mm (3-inch) "Quick-Chuck" Models. An Adjustable Paper Guide (**APG-CAT**) can also be used to guide the outer edge of the label web.

The **UCAT-1-CHUCK, UCAT-3-CHUCK & UCAT-40** Unwinders and the **CAT-3-CHUCK**, **TWIN-CAT-2**, **CAT-40G, CAT-3-TA-CHUCK & CAT-40-TA** Rewinders come equipped with a **Quick-Chuck** as standard. Or, you can buy **Quick-Chucks** individually for your in-house or OEM Applications.

| MODEL | DIAMETER | WIDTH | ROLL WEIGHT |
|-------|----------|-------|-------------|
| C-38170 | 38 mm | | |
| C-40170 | 40 mm | | |
| C-44170 | 44 mm | 170 mm | |
| C-70170 | 70 mm | | |
| C-76170 | 76 mm | | Maximum |
| C-76220 | 76 mm | 220 mm | 12 Kg |
| C-76270 | 76 mm | 270 mm | |
| C-100170 | 100 mm | 170 mm | |
| C-100220 | 100 mm | 220 mm | |
| C-100270 | 100 mm | 270 mm | |

**Maintenance:** No maintenance is required.
**OEMs**: Please ask if you need other shaft or core sizes. Quantity discounts are available.

**The World's Leading Manufacturer of Label Dispensers, Rewinders, Unwinders, Slitters and Core Chucks**
**LABELMATE LLC, 69 Avenue Alphonse XIII, B-1180 Brussels, Belgium**
**Tel. +32 2 375.69.60        FAX +32 2 375.38.96**
**www.labelmateeuropeeurope.com     E-mail: brussels@labelmate.com**

# LABELMATE

# "COUNT" Heavy-Duty Label Counters

### COUNT-100 and COUNT-200 Counters

The **PC-1 Label Counter** is a popular option on our **S-100** and **S-200 Label Slitters**. Many times, however, users don't need to slit labels, just count them. To save users money, LABELMATE has introduced two Label Counters and Counting Stations based on the **S-100** and **S-200** Slitter chassis but without the Slitter function. The **COUNT-100** and **COUNT-200** will handle label webs up to 170 mm and 255 mm (6.5- and 10-inches) wide respectively. A **CAT-3** Rewinder pulls the labels through the counter. The versatile Counters can be used at the output of a printer, or can be used with an Unwinder and a **CAT-3 Rewinder** to form a stand-alone off-line label inspection / counting station.
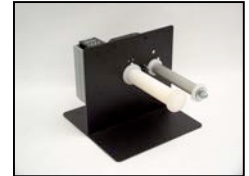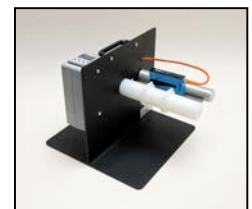
*COUNT-100*

The **COUNT-100** and **COUNT-200** Counters can count up or count up to a preset count as you wish. If desired, when the pre-set count is reached, the **COUNT-100** and **COUNT-200** can send a "HALT" signal to the **CAT-3 Rewinder,** causing it to stop.

The counter sensor itself is a state-of-the-art infra-red transmitting device that shines through the label web and detects the gap between successive labels. There is a sensitivity control to adjust for different kinds of label webs.

### COUNT-100-U Universal Counter

The new **COUNT-100-U** Universal Counter uses a state of the art ultrasonic fork detector that allows the **COUNT-100-U** to count almost any type of labels, including transparent or dark labels. The ultrasonic detector detects the labels by sensing the difference in thickness between the backing paper and the backing paper plus label.

*COUNT-100-U*

Quality and reliability are cornerstones of the LABELMATE Product Line. Rugged, heavy-gauge welded steel construction and precision parts yield a product of the highest quality. LABELMATE Products are trouble-free and covered by our famous **3-Year Parts and Labor Limited Warranty**, by far the longest in the industry.

Put a LABELMATE Heavy-Duty **Label Counter** to work for you, today! If you do need to slit labels, be sure to check out the **S-100** and **S-200** Complete **Off-Line Slitting Stations** that are also available with the label counting function described here.

### SPECIFICATIONS:

|  | COUNT-100 / COUNT-100-U | COUNT-200 |
|---|---|---|
| **Size: HxWxD** | 305x305x305 mm. | 381x381x381mm. |
| **Label Width:** | Up to 170 mm. | Up to 255 mm. |
| **Speed:** | Same as printer speed for in-line use. Up to 80 cm/sec or more in off-line use. | |
| **Power:** | 230vac 50Hz. 120vac 60Hz, 20va. power is also available at the same price. | |
| **Warranty:** | **3-year Parts and Labor Limited Warranty**. One-year Warranty on the included Pre-Set Counter, Sensor and AC/DC Adaptor. | |

# LABELMATE

# "LC-CAT" Paper Loop Controlled Label Unwinders
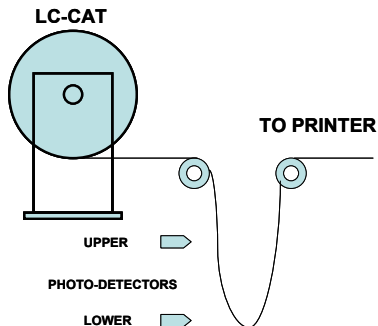
The LC-CATs, are is controlled using two photo-detectors positioned along the paper loop formed between the Unwinder and the printer.

This approach reduces the paper resistance to the printer to almost zero and offers a far greater reliability than tension-arm systems.

All models use 2 visible light photo-detectors that connect to the rear panel of the machine. The cables are 2 meters long. The detection range is adjustable from 20 to 400mm.

*Rear-panel showing photo-detectors connectors.*

## LC-CAT-2

The **LC-CAT-3** will accept rolls up to a 300 mm diameter. The weight of the rolls accepted by the **LC-CAT-2** depends on the chosen core holder.

The model shown here is the **LC-CAT-3-CHUCK**. All other LABELMATE Standard and ACH core holders can be used (see table next page).

## LC-CAT-40

The **LC-CAT-40G** is using a gear motor and will accept rolls up to 400 mm diameter. Because of the roll size accepted, the **LC-CAT-40G** is only available with the LABELMATE's durable **"Quick-Chuck"**tm quick-locking Core Chuck, permitting the fastest loading and unloading of cores and label rolls.

The **LC-CAT-40G** is available for 38-, 40-, 44-, 70, 76- and 100 mm cores.

Torque and Direction are fully controllable from the Control Panel. All models are bi-directional.
All LC-CATs are supplied with the adequate power supply.

Rugged, heavy-gauge steel construction allows your **LC-CAT** Unwinder to be simply set in place. Special anti-slip feet keep the unit from moving. Reliable, high quality and maintenance-free, the **LC-CATs** Unwinders/Rewinders feature a **5-Year Parts and Labor Limited Warranty**, the longest in the industry.

# LABELMATE *"LC-CAT"* Paper Loop Controlled Label Unwinders/Rewinders

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED * (cm/ sec) |
|---|---|---|---|---|---|
| **LC-CAT-2** | STANDARD | Equipped with a Standard Core Holder. Various sizes available, 76mm standard.* | 155 | 300 | 125 |
| | ACH | LC-CAT-2 with an Adjustable Core Holder for any core size from 25 to 101mm in diameter. With inner flange. Use APG-CAT if you wish to also guide the outer edge of your label. | 155 | 280 | 125 |
| | CHUCK | Equipped with an easy-loading 'Quick-Chuck'. Ideal for production work. 76mm standard.* | 170 | 300 | 125 |
| | 10-INCHES | LC-CAT-2 for labels up to 255mm wide. 76mm standard; 38, 40, 44 or 70mm on request. | 255 | 300 | 125 |
| | 1-INCH | LC-CAT-2 for 25.4mm diameter cores. | 155 | 220 | 125 |
| **LC-CAT-40G** | - | Gear motor driven. Rolls up to 400mm. 76mm 'Quick-Chuck' standard.* | 170 | 400 | 32 |

\* The **LC-CATs** are available for 38-, 40-, 44-, 70-, 76- and 100 mm diameter cores.

**\* SPEED: The indicated speeds are the maximum speeds at beginning of a 76mm core roll.**

**MAXIMUM LABEL ROLL WEIGHT:**
      **STANDARD: 8Kg.**
      **10-INCHES: 10Kg.**
      **ACH: 7Kg.**
      **CHUCK: 8Kg.**
      **LC-CAT-40G: 14Kg.**

| MODEL | DESCRIPTION |
|---|---|
| **APG-CAT** | Optional Adjustable Paper Guide For LC-CAT-2-ACH. Guides the outer edge of the label web to ensure an even roll edge. |

## LC-CAT SPECIFICATIONS:

**"TORQUE ADJUST"** - Continuously adjustable torque and braking control.
**"TORQUE RANGE"** - NORMAL, HIGH.
**"EXTERNAL HALT CONTROL"** - External control removes power to the motor and applies braking.
**Dimensions:** 324H x 381W x 318D mm.
**Base plate footprint:** 180 x 370 mm or 180 x 280 mm.
**Weight:** Approximately 10.5 to 12.7kg
**Power Adaptor:** Input: 100-240V AC
                Output LC-CAT-2 & LC-CAT-40: 15V – 4.6A.
                Output LC-CAT-40G: 24V – 4.17A.
**Warranty: 5-Year Parts and Labor Limited Warranty**, the longest in the industry. (One-Year Limited Warranty on included Power Supply Module.)

# LD-RS
## Powered Label Dispensers

**The LD-RS Type Automatic Label Dispensers with enhanced label sensing and easy set-up.**

The **LD-100-RS** and **LD-200-RS** Label Dispensers offer state of the art convenience and durability. Using the latest opto-electronic technology, there is just one simple adjustment for label length. A special Reflective Sensor sits below the label and reliably and accurately senses the leading edge of your label. As you pick up a label the next one is automatically and instantly advanced. The modern design presents the label right at the front of the machine, providing optimum convenience for both left-handed and right-handed operators. A "HIGH-LOW" Speed Switch allows adjustment for label length or operator preference.

There are no mechanical position switches to cause adjustment or operational problems. The heavy-duty product design will stand up to the most demanding environments.

The **LD-100-RS-SS** and **LD-200-RS-SS** feature a stainless steel chassis and cover and can be used in humid environment. They are ideal for food industry and pharmaceutical applications.

The **LD-100-RS-Preset** is equipped with a pre-set counter that will stop the Label Dispenser after the pre-set count is reached.

**The LD-100S and LD-200S for very small, long or unusual shape labels.**

The **LD-100S** or **LD-200S** do not have a sensor detection; the foot pedal allows you to continually advance labels at the rate you choose. The **LD-100S** and **LD-200S** also include an ON-OFF Foot Switch for production applications. It is ideal for very small or long labels.

All LABELMATE Label Dispensers are easy to set up, too. You just slide your roll of labels onto the built-in Core Holder. Then thread the label web through to the take-up spindle and your Label Dispenser is ready for use! Rugged, heavy-gauge steel construction and precision parts yield products of the highest quality. Designed for all-day, every-day use, these Dispensers are backed by LABELMATE's famous 3-Year Parts and Labour Limited Warranty, assuring you trouble-free performance.

|  |  |  |
|:---:|:---:|:---:|
| *LD-100-RS* | *LD-100S* | *LD-100-RS-SS* |

| MODEL | DESCRIPTION | LABEL WIDTH (mm) | LABEL LENGTH (mm) | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|---|---|
| LD-100-RS | Automatically advances the next label ready to pick. Fast label loading. Quick and convenient operation! Not for transparent labels. | Up to 115 | 6 to 150* | 220 | 11 Minimum |
| LD-200-RS | Same features as LD-100-RS but with wider label capacity. | Up to 165 | 6 to 150* | 220 | 11 Minimum |
| LD-100-RS-SS | Same features as LD-100-RS but in stainless steel. | Up to 115 | 6 to 150* | 220 | 11 Minimum |
| LD-200-RS-SS | Same features as LD-200-RS but in stainless steel. | Up to 165 | 6 to 150* | 220 | 11 Minimum |
| LD-100-RS Preset | Same features as LD-100-RS but with pre-set counter. | Up to 115 | 6 to 150* | 220 | 11 Minimum |
| LD-200-RS Preset | Same features as LD-200-RS but with pre-set counter. | Up to 165 | 6 to 150* | 220 | 11 Minimum |

| MODEL | DESCRIPTION | LABEL WIDTH (mm) | LABEL LENGTH (mm) | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|---|---|
| LD-100S | Label Dispenser with variable speed control and foot switch. Ideal for very small or long labels. | Up to 115 | 5 to unlim. | 220 | 11 Minimum |
| LD-200S | Same features as LD-100S but with wider label capacity. | Up to 165 | 5 to unlim. | 220 | 11 Minimum |

**\* Depending on the labels.**

| MODEL | DESCRIPTION | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|
| C-1 | Counter option for all Label Dispensers LD-U & LD-RS. Not for SS versions. | - | - |
| LD-FLANGES-220 | Inner and outer Flange option for Label Dispenser (per pair). Fits all models.<br>Recommended for narrow labels. | 220 | - |
| LD-FLANGES-300 | Inner and outer Flange option for Label Dispenser (per pair). Fits all models. To be used with LD-DE.<br>Recommended for narrow labels. | 300 | - |
| PS-18V | High-speed power supply to increase speed of the dispenser. | - | 14 min. |
| LD-DE | Diameter extension: Allows to use rolls with outer diameters up to 300mm (factory installed). | 300 | - |
| EXT. COMMAND | The LD dispenses one label when receives a signal (contact closure). Factory installed. Only for LD-RS models. | - | - |
| BATTERY PACK | Complete kit to operate the LD on a battery. Includes: battery, charger and cables. Replace the standard power supply. Battery works for +/- 8 hours and needs 8 hours to re-charge.<br>Output: DC 12V. | - | - |

**Size:** H x W x D Approximately 229-x 305-x 229-mm.
**Shipping Weight:** Approximately 6.4- to 6.8-kg.
**Power:** 230-vac 50-Hz 40-va. 120-vac 60-Hz power supply is also available.

# LABELMATE

# LD-100-U & LD-200-U
## Universal Powered Label Dispensers
## For All Labels Including Transparent and Black Labels



*LD-100-U*

**The LD-U Type Automatic Label Dispensers uses a new "state of the art" reflective detector that allows the machine to dispense all types of labels, including transparent and black labels.**

The **LD-U** range is using a compact photoelectric sensor with optic-fibre cable. The **LD-100-U** and **LD-200-U** offer the same advantages, convenience and durability as the popular LD-RS models with the extra benefit of dispensing any kind of labels.

The **LD-100-U-SS** and **LD-200-U-SS** feature a stainless steel chassis and cover and can be used in humid environment. They are ideal for food industry and pharmaceutical applications.

All LABELMATE Label Dispensers are easy to set up, too. You just slide your roll of labels onto the built-in Core Holder. Then thread the label web through to the take-up spindle and your Label Dispenser is ready for use! Rugged, heavy-gauge steel construction and precision parts yield products of the highest quality. Designed for all-day, every-day use, these Dispensers are backed by LABELMATE's famous 3-Year Parts and Labour Limited Warranty, assuring you trouble-free performance.

| MODEL | DESCRIPTION | LABEL WIDTH (mm) | LABEL LENGTH (mm) | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|---|---|
| **LD-100-U** | Automatically advances the next label ready to pick. Fast label loading. Quick and convenient operation! For transparent and black labels. | Up to 115 | 10 to 150* 20 to 150* for transparent | 220 | 11 Minimum |
| **LD-200-U** | Same features as LD-100-U but with wider label capacity. | Up to 165 | 10 to 150* 20 to 150* for transparent | 220 | 11 Minimum |
| **LD-100-U-SS** | Same features as LD-100-U but in stainless steel. | Up to 115 | 10 to 150* 20 to 150* for transparent | 220 | 11 Minimum |
| **LD-200-U-SS** | Same features as LD-200-U but in stainless steel. | Up to 165 | 10 to 150* 20 to 150* for transparent | 220 | 11 Minimum |

**\* Depending on the labels.**

## LABEL DISPENSERS OPTIONS

| MODEL | DESCRIPTION | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|
| C-1 | Counter option for Label Dispenser (factory installed). | - | |
| LD-FLANGES-220 | Inner and outer Flange option for Label Dispenser (per pair). Fits all models. Recommended for narrow labels. | 220 | |
| LD-FLANGES-300 | Inner and outer Flange option for Label Dispenser (per pair). Fits all models. To be used with LD-DE. Recommended for narrow labels. | 300 | |
| PS-18V | High-speed power supply to increase speed of the dispenser. | - | 14 min. |
| LD-DE | Diameter extension: Allows using rolls with outer diameters up to 300mm (factory installed). | 300 | |
| EXT. COMMAND | The LD dispenses one label when receives a signal (contact closure). Factory installed. | - | |
| BATTERY PACK | Complete kit to operate the LD on a battery. Includes: battery, charger and cables. Replace the standard power supply. Battery works for +/- 8 hours and needs 8 hours to re-charge. Output: DC 12V. | - | - |

**Size:** H x W x D Approximately 229-x 305-x 229-mm.
**Shipping Weight:** Approximately 6.4- to 6.8-kg.
**Power:** 230-vac 50-Hz 40-va. 120-vac 60-Hz power supply is also available.

| | |
|---|---|
| *Compact Photoelectric Sensor* | *LD-100-U with Flanges* |

# Labelmate

# MC-10 & MC-11
# Popular & Economical "MINI-CAT" Label Rewinders

The MINI-CAT (MC) Label Rewinders are the world's most popular low-price Label Rewinders. They are capable of rewinding label rolls up to 125mm wide (115 mm for MC-11), up to 220 mm in diameter at speeds up to 50 cm/sec.
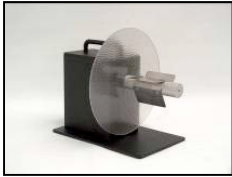
The **MC-10** has a 76 mm diameter vane style core holder. You can also use the included "coreless rewind" feature to rewind directly on-shaft.
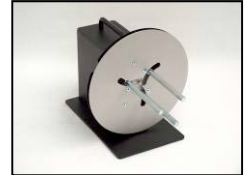
The **MC-11** includes a precision-crafted Adjustable Core Holder that adjusts in seconds to accept any core diameter from 25- to 101-mm.

Both MINI-CATs use LABELMATE's proprietary Constant Adjustable Torque™ ("CAT") technology to achieve impressive, reliable performance at an unprecedented low price. A special motor, designed specifically for the MINI-CATs, offers bi-directional operation and trouble-free performance. A switch, on the power supply, conveniently controls the amount of rewind force. No awkward, troublesome belts or clutches are used and no speed adjustments are required. Your MINI-CAT automatically adjusts to any printer speed up to 50cm/sec and even allows label back-feeding automatically, if your printer requires it.

The MINI-CATs have an inner label flange to keep the edge of the label web aligned as the labels are being rewound. Also available is an optional Adjustable Paper Guide (**APG-MC**) that mounts directly to the **MC-10** or **MC-11** base plate and guides the outer edge of the labels. For the **MC-10,** an optional plastic Outer Flange (**2nd Flange MC-10**) is also available.

Rugged steel construction allows your MINI-CAT to simply be set in place near your label printer. Special anti-slip feet keep the unit from moving. Put a LABELMATE MINI-CAT to work for you today and enjoy a new dimension in label rewinding convenience and reliability. The MINI-CAT features a **5-Year Parts and Labour Limited Warranty**, the longest in the industry.

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### MC-10 & MC-11 SPECIFICATIONS:

**Label Width: MC-10** Up to 124 mm. **MC-11** Up to 115 mm.
**Maximum Label Roll Weight:** 5 Kg.
**Label Roll Diameter:** Up to 220 mm.
**Core Diameter: MC-10**: 76 mm or coreless (other diameter available on request). **MC-11**: Any from 25 to 101 mm.
**Speed:** Up to 50+ cm/sec. Switch adjustable rewind force. No speed adjustments are required.
**Start/Stop:** Convenient ON-OFF switch.
**Direction:** Bi-directional.
**Power Requirements:** 220-240 vac 50Hz. UL / CSA Listed Power Supply. 120vac 60Hz. 20 va. units are available at the same price.
**Size:** H-W-D 229 x 152 x 279-mm. **Weight:** 5 kg.
**Optional:** Adjustable Paper Guide (**APG-MC**) Arm for either the MC-10 or MC-11. Plastic Outer Flange (**MC-10 2nd Flange**) for the MC-10 only.

Thousands of LABELMATE **MINI-CAT** Rewinders are in daily use around the world. Order yours today for new low-cost rewinding convenience!

Specifications subject to change without notice. DataMC EUR.doc Rev. 09/2013.

# p-300
## Reel-to-Reel Inkjet Label Printer
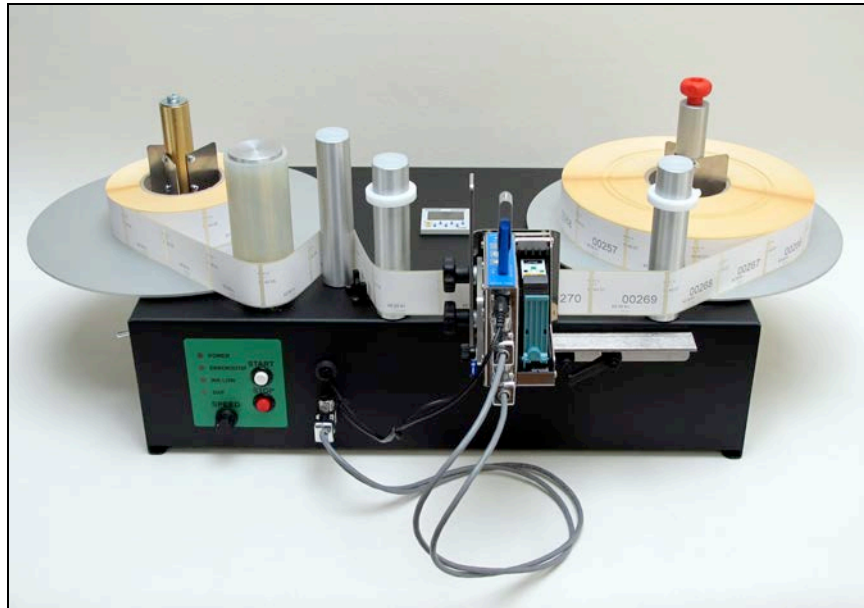


*P-300*

The new Labelmate **P-300 Reel-to-Reel Inkjet Label Printer** is a combination of the well-known **PM-300** Printer Mechanism and the Micron Controller. The system uses the reliable HP TIJ 2.5 technology.

The system is capable of printing a roll of labels of 30cm diameter, in less than 5 minutes with a resolution of 300x150 DPI, this with a negligible cost of the consumable (ink).

Not only, can the **P-300** print labels with messages of maximum 12,7mm height, **but the P-300 is the ideal machine for adding variable data to pre-printed labels, at low cost and high speed.**

The print files are generated on a standard computer using the supplied software and are transferred to the controller via an USB key.

The **P-300** uses a standard HP inkjet cartridge. It will print texts, graphics, barcodes, variable counter and dates at speeds up to 150cm/sec. at 300DPI and up to 235cm/sec. at 150DPI. The print height is 12.7mm. The printhead can be placed to print anywhere on a label of up to 100mm by 140mm.
The extremely low-cost of the consumable, makes the machine very economical and ecological.
A large variety of ink types, readily available on the market, allow choosing the best cartridge for a specific job.
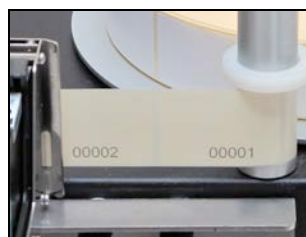
# P-300 REEL-TO-REEL INKJET LABEL PRINTER

## PRINTHEAD CAPABILITIES:

- Text graphics, barcodes, variable counter and dates.
- Fully UNICODE compatible layout software.
- Counter and dates with digits in roman, arab, farsi or user defined characters.
- Low ink alarm with user-definable level.
- Print height 12,7mm (1/2").
- User-definable resolution: 300x300 DPI, 300x150 DPI, 150x150 DPI, 150x75 DPI and 75x75 DPI. *A special model for 600x300 DPI is available upon request.*
- Separation between design and operation. Nothing in the layout can be destroyed by the operator.
- Spit function to keep fast drying inks open.

## HARDWARE SPECIFICATIONS:

- Maximum roll diameter: 300mm.
- Maximum label width: 125mm.
- Maximum label roll weight: 6Kg.
- Maximum speed:
  - P-300-LS: 150cm/sec. The low-speed is recommended if you are only printing in high resolution.
  - P-300-HS: 235cm/sec.
- Rewind "out" or "in".
- Standard unwind and rewind core holders: 76mm (other sizes optional).
- Power: 220V – 50Hz (115V optional).
- With the proper ink and paper, the P-300 can also print on the backing paper.



Designed for all-day, every-day use, the **P-300 Reel-to-Reel Inkjet Label Printer** is backed by LABELMATE's famous 3-Year Parts and Labor Limited Warranty, assuring you trouble-free performance.

# LABELMATE

# PM-300-CS-STEP
# Reel-to-Reel "Constant Speed" System

**For applications requiring pausing between each label.**

The PM-300-CS-STEP Constant Speed Reel-to-Reel System from LABELMATE works at constant adjustable speed (independently of the supply and rewind roll diameters). The maximum speed is 65cm/sec. The long-term speed stability is +/-5%. This model has a "1 by 1" mode that allows to stop automatically after each label, and advances to the next label by a push button or by an external command.
For more precise print jobs, an optional encoder can be added.

**The PM-300-CS-STEP is an ideal table top platform for programming and reading RFID tags.** When not used for programming, the PM-300-CS-STEP can be used as a reel-to-reel Counter – Rewinder. The optional built-in encoder has a resolution of 0,041mm.

Other options include a label counter or a more sophisticated counter that can be used to count labels or indicate the speed at which the labels are moving.

Designed for all-day, every-day use, the PM-300-CS-STEP Reel-to-Reel Constant Speed System is backed by LABELMATE's famous 3-Year Parts and Labour Limited Warranty, assuring you trouble-free performance (1-year on power supply).



*PM-300-CS-STEP*

## KEY FEATURES

**Maximum roll diameter:** 300mm.

**Max. roll weight:** 6Kg.

**Label width:** up to 125mm.

**Speed:** Adjustable constant speed from 0 to max. 65cm/sec. Accuracy: +/- 5%.

Rugged Construction.

Secured DB-9 Print Head Connector.

Adjustable Label Guide.

110-240V – 50-60Hz AC Input

Label sensor: Open collector output.

## OPTIONS

**ENC:** Optional built-in encoder with resolution of 0,041mm. Output: Square waves: 0 – 15V.

**PC-2**: Optional 6-digit pre-set counter.

**PC-3:** Dual function preset counter. Allows counting labels or showing instantaneous web speed.

**CUST.**: Customised version.

The speed specifications apply for a machine used in normal office room temperatures.

# LABELMATE

# PM-300-CS
## Constant Speed Reel-to-Reel Label Printer Mechanism
## For Inkjet and Laser Heads

**For applications requiring constant speed.**

**The PM-300-CS Constant Speed Reel-to-Reel Printer Mechanism** from LABELMATE works at constant adjustable speed (independently of the supply and rewind roll diameters). The maximum speed is 65cm/sec. The long-term speed stability is +/-5%. For more precise print jobs, an optional encoder can be added.

The **PM-300-CS** is an ideal table top platform for OEM applications that use an ink-jet head. When not used as a printer, the **PM-300-CS** can be used as a reel-to-reel Counter – Rewinder. The optional built-in encoder has a resolution of 0,041mm.

Other options include a label counter or a more sophisticated counter that can be used to count labels or indicate the speed at which the labels are moving.

The **PM-300-CS** can also be used with certain laser heads.

Designed for all-day, every-day use, the **PM-300-CS Reel-to-Reel Printer Mechanism** is backed by LABELMATE's famous **3-Year Parts and Labour Limited Warranty,** assuring you trouble-free performance (1-year on power supply).



*PM-300-CS*

## KEY FEATURES

**Maximum roll diameter:** 300mm.

**Max. roll weight:** 6Kg.

**Label width:** up to 125mm.

**Speed:** Adjustable constant speed from 0 to max. 65cm/sec. Accuracy: +/- 5%.

Rugged Construction.

Secured DB-9 Print Head Connector.

Adjustable Label Guide.

110-240V – 50-60Hz AC Input

Label sensor: Open collector output.

## OPTIONS

**ENC:** Optional built-in encoder with resolution of 0,041mm. Output: Square waves: 0 – 15V.

**PC-2**: Optional 6-digit pre-set counter.

**PC-3:** Dual function preset counter. Allows to counts labels or show instantaneous web speed.

**HSA$^{TM}$-BC:** Mounting bracket and cable for HSA$^{TM}$ printhead.

**WEB-BC**: Mounting bracket and cable for Markoprint (Weber)™ X1-Jet print head.

**CUST.:** Customised version.

The speed specifications apply for a machine used in normal office room temperatures.

# LABELMATE

# PM-300-LS & PM-300-HS
## Reel-to-Reel Label Printer Mechanism
## For Inkjet and Laser Heads

The **PM-300 Reel-to-Reel Printer Mechanism** from LABELMATE. At speeds up to 235cm/sec, you can conveniently and economically print or overprint labels using your preferred inkjet head. With full status indicators and control features, the **PM-300** is an ideal table top platform for OEM applications that use an ink-jet head. When not used as a printer, the **PM-300** can be used as a reel-to-reel Counter – Rewinder.
The built-in encoder has a resolution of 0,041mm.

The **PM-300-LS** will print a 28cm diameter roll (425 meters) of labels in less than 7 minutes; the **PM-300-HS** will print the same roll in less than 5 minutes. The model choice is dictated by the performance of the inkjet head being used.

The **PM-300** can also be used with certain laser heads.

Designed for all-day, every-day use, the **PM-300 Reel-to-Reel Printer Mechanism** is backed by LABELMATE's famous **3-Year Parts and Labour Limited Warranty,** assuring you trouble-free performance (1-year on power supply).



*PM-300*

## KEY FEATURES

**Maximum roll diameter:** 300mm.

**Max. roll weight:** 6Kg.

**Label width:** up to 125mm.

**Speeds:**
*LS-Version:* Max. 150cm/sec. For a roll of 28cm diameter and a core of 76mm.
E.g.: 7 min. for a roll of 28cm diameter with a 76mm core at full speed. Average speed: 100cm/sec.

*HS-Version:* Max. 235cm/sec. For a roll of 28cm diameter and a core of 76mm.
E.g.: 4,5 min. for a roll of 28cm diameter with a 76mm core at full speed. Average speed: 150cm/sec.

Rugged construction.

Secured DB-9 Print Head Connector.

The speed specifications apply for a machine used in normal office room temperatures.

## KEY FEATURES (cont.)

Adjustable Label Guide.

110-240V – 50-60Hz AC Input.

Encoder Output: Square waves: 0 - 15V.

Label sensor: Open collector output.

## OPTIONS

**PC-2**: Optional 6-digit pre-set counter.

**PC-3:** Dual function preset counter. Allows to counts labels or show instantaneous web speed.

**HSA$^{TM}$-BC:** Mounting bracket and cable for HSA$^{TM}$ printhead.

**WEB-BC**: Mounting bracket and cable for Markoprint (Weber)™ X1-Jet print head

**CUST.**: Customised version.

Specifications are subject to change without notice.    DataPM300LS-HS_Eur  10/2013

# LABELMATE

# Rrc-330
# Reel-to-Reel Counting System

**RRC-330 Reel-to-Reel Counting Systems**

The **RRC-330 Reel-to-Reel Counting Systems** brings you new convenience in a self-contained table-top Label Counting System using a pre-set counter. The **RRC-330** accepts rolls with a maximum size of 330mm (13"). The optional built-in encoder allows length measurement and offers direct read-out in Metric or British & American Units.

**RRC-330:** Accepts roll with a maximum outer diameter of 330mm. Take-up shaft is available both in Standard and Adjustable Core Holder. The **Standard** take-up shaft is now fitted with a quick-change shaft that allows to quickly change the core holder diameter (38, 40, 44, 50, 70, 76 and 100mm available). The **ACH** (Adjustable Core Holder) accepts cores from 25 to 101mm. The supply core is supplied in both 40mm and 76mm (other core diameters available on-demand).

**RRC-330-U Universal Reel-to-Reel Counting Systems**

The new **RRC-330-U** Universal Reel-to-Reel Counting System uses a state of the art ultrasonic fork detector that allows the **RRC-330-U** to count almost any type of labels, including transparent or dark labels. The ultrasonic detector detects the labels by sensing the difference in thickness between the backing paper and the backing paper plus label.

The **RRC-330-U** accepts roll with a maximum outer diameter 330mm. Take-up core is available both in Standard and Adjustable Core Holder. The **Standard** take-up shaft is now fitted with a quick-change shaft that allows to quickly change the core holder diameter (38, 40, 44, 50, 70, 76 and 100mm available). The ACH (Adjustable Core Holder) accepts cores from 25 to 101mm. The supply core is supplied in both 40mm and 76mm (other core diameters available on-demand).

Designed for all-day, every-day use, the **RCC-330 and RRC-330-U Reel-to-Reel Counting Systems** are backed by LABELMATE's famous 3-Year Parts and Labor Limited Warranty, assuring you trouble-free performance.



*RRC-330-U-ACH*



*RRC-330-STANDARD*

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED |
|---|---|---|---|---|---|
| **RRC-330** | STANDARD | Self-contained Counter System with 220-240VAC, 50-60Hz, 100VA Universal Power Supply. 40 & 76mm for the supply core (other diameters on demand). | 152 | 330 | 72cm/sec.[1] 235cm/sec.[2] |
| | ACH | Self-contained Counter System with 220-240VAC, 50-60Hz, 100VA Universal Power Supply. 40 & 76mm for the supply core. Adjustable Core Holder (25mm to 101mm) for the take-up shaft. | 152 | 330 | 72cm/sec.[1] 235cm/sec.[2] |

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED |
|---|---|---|---|---|---|
| **RRC-330-U** | STANDARD | Self-contained Counter System with 90-250VAC, 50-60Hz, 60VA Universal Power Supply. 40 & 76mm for the supply core (other diameters on demand). | 152 | 330 | 72cm/sec.[1] 235cm/sec.[2] |
| | ACH | Self-contained Counter System with 90-250VAC, 50-60Hz, 60VA Universal Power Supply. 40 & 76mm for the supply core. Adjustable Core Holder (25mm to 101mm) for the take-up shaft. | 152 | 330 | 72cm/sec.[1] 235cm/sec.[2] |

[1] **Maximum speed with a 76mm take-up roll diameter, at the beginning of the roll.**
[2] **Maximum speed at end of 300mm roll.**

**MAXIMUM LABEL ROLL WEIGHT: 7Kg.**

**RRC-330 REEL-TO-REEL COUNTING SYSTEMS OPTIONS**

| MODEL | DESCRIPTION |
|---|---|
| **ENC** | Optional built-in encoder for length measurement. Resolution: 4.4mm Direct read-out in Metric or British & American Units. NOT AVAILABLE ON RRC-300-U" |
| **NO COUNTER** | RRC without counter for simple reel-to-reel operations. |
| **Quick-Shaft** | Complete take-up shaft with vanes. NOT AVAILABLE FOR UNWINDING SHAFT. |

Specifications are subject to change without notice.    DataRRC_Eur  09/2012

# S-100, S-200, S-100-SP S-100S & S-200S
# Heavy-Duty Label Slitters & Slitting Stations

## The S-100 & S-200 Label Slitters

Here's the most convenient solution for slitting and rewinding narrow labels. LABELMATE Label Slitters allow you to print small labels several across and then slit them to the desired width. This multiplies your print efficiency by a factor equal to the number of labels across, and dramatically increases your print head life and ribbon usage efficiency. The rugged LABELMATE **S-100** and **S-200** are High-Speed, Heavy-Duty Label Slitters identical in construction except for size.

The Slitters can be used either "in-line" or "off-line". In "in-line" use, the Slitter is placed between the printer output and the Label Rewinder. The slitting speed is determined by the printer output speed. In "off-line" use, the Slitter is placed between a **UCAT** Unwinder and a **CAT-3** Rewinder. Off-line slitting is recommended for production work or for use with three or more blades. With slitting speeds up to 125cm/sec in "off-line" mode, you'll make fast work of your slitting jobs.

An optional six- (6) digit PC-1 Pre-set Counter allows you to pre-set the number of labels to be slit. When the counter reaches the preset number, it sends a "HALT" signal to the Rewinder. Power to the Rewinder motor is then shut off and braking is applied. You'll have no annoying label spills to contend with.

## The S-100-SP Self-Powered Label Slitter

The **S-100-SP Self-powered Label Slitter** simplifies label slitting by providing powered pinch rollers to pull the labels through the cutting blades rather than having to rely on a Label Rewinder to pull the labels. This results in a constant cutting speed and means you can use any LABELMATE Rewinder equipped with a "Quick-Chuck" to do your rewinding. Because the **S-100-SP** is self-powered, you can reliably use more cutting blades than on a Slitter that is powered by a Rewinder. You can add additional **BH-1 Blade Holders** for a total of five across the maximum label width of 175-mm. The **S-100-SP** is a great choice for you label needs.

The easily replaced slitting blades are click-adjustable, maximizing their useful life. Special, very sharp, ground steel blades are supplied with the **S-100**, **S-200** and **S-100-SP** and are recommended for replacement. No tools are required for blade adjustment or replacement. During slitting, the blades are stabilized with LABELMATE's proprietary system, giving a clean cut at all speeds. Rugged, heavy-gauge welded steel construction and precision parts yield a product of the highest quality.

The S-100, S-200 & S-100-SP feature a 3-Year Parts and Labour Limited Warranty, the longest in the industry.
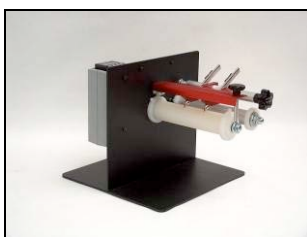


*S-100 with PC-1 Counter*



*S-100-SP with PC-1*

## INDIVIDUAL LABEL SLITTERS

| MODEL | DESCRIPTION | LABEL WIDTH (mm) | SPEED (cm/sec) |
|---|---|---|---|
| S-100 | Heavy-Duty Label Slitter. Requires a CAT-2 Rewinder. Recommended: CAT-3-CHUCK with HD-PS. | 170 | Rewinder or Printer speed |
| S-200 | Wide Heavy-Duty Label Slitter. Requires a CAT-2 Rewinder. Recommended: CAT-3-10-INCHES with HD-PS. | 255 | Rewinder or Printer speed |

| MODEL | DESCRIPTION | LABEL WIDTH (mm) | SPEED (cm/sec) |
|---|---|---|---|
| S-100-SP | Self-powered Slitter Unit with 90-250VAC, 50-60Hz, 60VA Universal Power Supply. | 175 | 30 |

## LABEL SLITTERS S-100, S-200 & S-100-SP OPTIONS

| MODEL | DESCRIPTION | LABEL WIDTH (mm) |
|---|---|---|
| PC-1 | Preset counter. Counts label batch size. Stops Rewinder automatically when job is finished. Factory installed. | Any |
| BH-1 | Additional blade holder assembly. Includes precision high-speed blade. | - |
| HSB-10 | 10 precision high-speed blades for slitters. | - |
| LINK S-100 | Adjustable locking bar to lock units together in position (Unwinder, Slitter & Rewinder). | - |
| LINK S-200 | Same but wider. | - |

**The World's Leading Manufacturer of Label Dispensers, Rewinders, Unwinders, Slitters and Core Chucks**
**LABELMATE LLC, 69 Avenue Alphonse XIII, B-1180 Brussels, Belgium**
**Tel. +32 2 375.69.60      FAX +32 2 375.38.96**
**www.labelmateeuropeeurope.com     E-mail: brussels@labelmate.com**

## COMPLETE OFF-LINE SLITTING STATIONS:

| MODEL | DESCRIPTION INCLUDES ALL YOU NEED EXCEPT LABELS & CORES | LABEL WIDTH (mm) | SPEED (cm/sec) |
|---|---|---|---|
| **S-100S** | - UCAT-S Economy Heavy-Duty Label Unwinder with fixed brake;<br>- S-100 Heavy-Duty Label Slitter;<br>- 2 Blade Holders with Blades;<br>- CAT-3-CHUCK Heavy-Duty Rewinder; 76mm diameter 'Quick-Chuck' is Standard; specify if 38, 40, 44 or 70mm diameter is desired instead.<br>- 1 Aluminium and 2 Thin Plastic Separator Plates (220mm diameter);<br>- 'LINK': Adjustable Locking Bar to lock units together in position,<br>- 15V Power Supply. | 170 | 125 |
| **S-200S** | - UCAT-1-10" Heavy-Duty Label Unwinder;<br>- S-200 Heavy-Duty Label Slitter;<br>- 3 Blade Holders with blades;<br>- CAT-3-CHUCK-10" Heavy-Duty Rewinder;<br>- 1 Aluminium and 3 Thin Plastic Separator Plates (220mm diameter);<br>- 'LINK': Adjustable Locking Bar to lock units together in position;<br>- 15V Power Supply. | 255 | 125 |
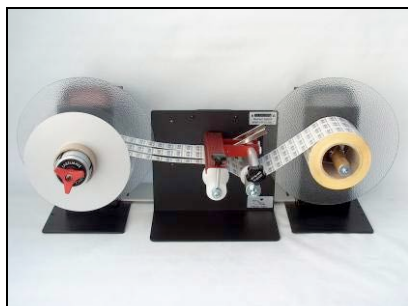
*S-100S*
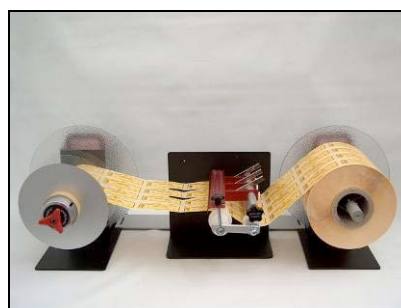
*S-200S*

Specifications are subject to change without notice.          DataSlit&Stations EUR 09/2013

# "TWIN-cat-2"
# Dual Spindle Unwind / Rewind Station

**Versatile Stand-alone Label Unwind / Rewind Stations with Label Inspection and Counting Options!**

*Now you can conveniently Unwind and Rewind Label Rolls on one piece of equipment!*

*The world's easiest solution for wind-in / wind-out, label reversing and inspection applications.*

Here's LABELMATE's new Dual-Spindle Heavy Duty Unwinder / Rewinder, the TWIN-CAT-2. With two powerful motors and your choice of core holders you have maximum versatility in setting up the operation you need. Both spindles can rewind or unwind. You control the direction and torque on each Spindle independently. An External Halt Control allows you to STOP and START the TWIN-CAT-2 with a foot switch or other external device if desired. A worldwide universal switching power supply is included for extra power.

Here are some of the many possible applications:
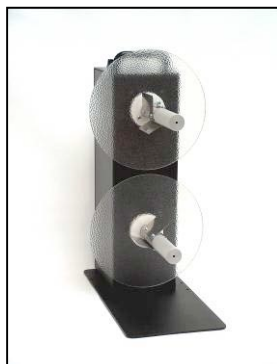


- Unwind and Rewind labels on one machine. Ideal for "wind-in / wind-out" operations.
- Reverse the order of serialized labels on a roll.
- Conveniently rewind labels onto a different core size. With universal Adjustable Core Holders you can unwind from any diameter core and rewind onto any diameter core within the range of 25 to 101 mm in diameter! Great for production shops with varied jobs.
- Add the Label Inspection option to create a stand-alone Inspection Station. You can also add a Label Counter if you need one.
- Wind small rolls of labels from larger ones.
- Conveniently strip the unwanted matrix from die-cut labels for easy disposal as you rewind them in-line with your printer or off-line.

LABELMATE's new Unwind / Rewind Stations are available in many different configurations to fit perfectly into your label production. All TWIN-CAT-2 Models operate at up to 125 cm per second. See "How to Order" below.

| | ADD TWO CORE HOLDERS FROM LIST (MIX OR MATCH) | CORE DIAMETER | WIDTH | NUMBER OF FLANGES |
|---|---|---|---|---|
| | **1-INCH** | 25,4 mm (1") | 155 mm | 1 |
| | **STANDARD** | Specify 38, 40, 44, 70, 76 or 100 mm | 155 mm | 2 |
| | **STANDARD 10-INCH** | Specify 38, 40, 44, 70, 76 or 100 mm | 255 mm | 2 |
| **TWIN-CAT-2** | **ACH-CAT-S (No Mix*)** | 25 to 101 mm | 155 mm | 1 |
| | **CHUCK – C-xx*170** | *Specify 38, 40, 44, 70 or 76 mm | 170 mm | 1 |
| | **CHUCK – C-76220** | 76 mm | 220 mm | 1 |
| | **CHUCK – C-76270** | 76 mm | 270 mm | 1 |
| | **CHUCK – C-100170** | 100 mm | 170 mm | 1 |
| | **CHUCK – C-100220** | 100 mm | 220 mm | 1 |
| | **CHUCK – C-100270** | 100 mm | 270 mm | 1 |

**\* The ACH-CAT-S core holders can not be mixed with another type.**
**Each spindle allows rolls up to 220 mm in diameter.**

**How to Specify Your TWIN-CAT-2 Stand-alone Unwind / Rewind Station -- Refer to the table page 1.**

**"TWIN-CAT-2, [*specify Core Holder*]** Upper Spindle, **[*specify Core Holder*]** Lower Spindle."
Add Inspection and / or Counter Options if desired. Please see the table below.

## Label Inspection and Counter Options

The Label Inspection option, **INSP-1**, adds a handy Label Inspection Fixture to the side of your **TWIN-CAT-2**. It has two rollers over which your labels run as they are presented for inspection. You can also wind-in or wind-out at the same time as you perform the inspection operation. If you want to, when inspection is complete, you can conveniently rewind the labels back onto their original core one the same machine by just reversing the direction of the Rewind Spindles.

You can also order a **PC-1** Label Counter for your inspection station. This will count the labels as they pass by a sensor mounted on the Inspection Fixture. The **PC-1** counts single- or multi-across labels and you can preset a batch size. Counts up. Includes a Halt Control Cable to optionally stop your **TWIN-CAT-2** automatically when your job is finished.

| MODEL | DESCRIPTION | WIDTH |
|---|---|---|
| **INSP-1** | Inspection Fixture mounts in minutes on the side of your TWIN-CAT-2. Includes two rollers that your labels glide over as they are presented for inspection. Bi-directional, variable speed operation allows control over winding tightness as well. Can be started and stopped with the optional Foot Switch listed below. | Up to 155 mm or 255 mm (depends on the core holder). |
| **INSP-1 + PC-1** | Optional Preset Counter with adjustable counter sensitivity. Conveniently pre-mounted on the INSP-1 Inspection Fixture ready to plug in and use. | - |
| **FOOT SWITCH** | Foot Switch to start and stop the TWIN-CAT-2, CAT-3 or MC Rewinders. | - |
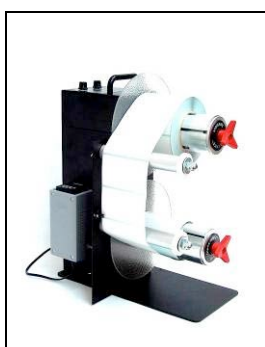
**TWIN-CAT-2 CHUCK with INSP-1 & PC-1**

**TWIN-CAT-2 ACH**
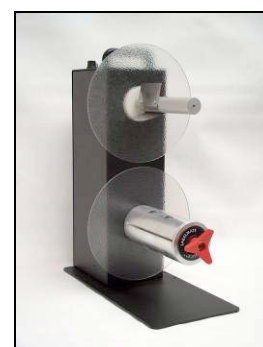
**TWIN-CAT-2 STANDARD / C-76170**

Specifications are subject to change without notice. DATATWIN-CAT2 EUR.DOC 09/2013

# Labelmate

# "ucat" Heavy-Duty Label Unwinders

## The UCAT-1 Heavy-Duty Unpowered Label Unwinders

A label unwinder is what you need to manage your label supply rolls. From very inexpensive to very sophisticated, LABELMATE's family of Heavy-Duty "UCAT" Label Unwinders will keep your label production running smoothly. All LABELMATE Unwinders are bi-directional.

**UCAT-S:** This is the world's least expensive professional Unwinder. It is unpowered and has a trouble-free fixed brake. The UCAT-S accepts up to 300 mm diameter rolls and up to 155 mm width, 76mm cores.

**UCAT-1:** This is the classic LABELMATE Unwinder with Adjustable Speed-Proportional Braking.
Up to 300 mm diameter rolls and 155 mm width, 76mm cores. Optional 255 mm width and a 25 mm to 101 mm. Adjustable Core Holder are available. Please see the table of available models next page.

## The UCAT-3 & UCAT-40 Heavy-Duty Powered Label Unwinders

**UCAT-3:** This powered Unwinder automatically tracks label usage and provides powered label feed at speeds up to 76cm /sec. The **UCAT-3** accepts standard 76mm cores and rolls up to 300 mm in diameter. 255 mm width is available. It can also be used as a full-featured Label Rewinder without any special setup. LABELMATE's renowned Constant Adjustable Torque™ control system allows precise adjustment of feed speeds and rewind torque. External STOP / RUN Input included.

**UCAT-40:** A powered Unwinder like the UCAT-3, but with an impressive 40 cm roll diameter capacity. Supplied with LABELMATE's 76 mm *"Quick-Chuck"*™, the UCAT-40 gives you the ultimate label Unwinder for volume production.

An optional outer Flange is available to guide the outer edge of the label web to ensure an even roll edge.

**NOTE: UCAT-S & UCAT-1 are unpowered and do not rewind, they only unwind.**
**The UCAT-3 & UCAT-40 are powered and can also rewind (without the tension arm function).**

All LABELMATE Products are industrial-quality, maintenance-free, and backed by a **5-Year Parts and Labor Limited Warranty**, the longest in the industry.

See Page 2 for available models and specifications.

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|---|---|
| UCAT-S | - | Economy Label Unwinder. Unpowered with fixed brake. 76mm standard. * | 155 | 300 | Same as printer |
| UCAT-1 | STANDARD | Heavy-duty Unwinder 76mm standard. * Self-powered adjustable Speed-Proportional Frictionless Braking. | 155 | 300 | Same as printer |
| | ACH | UCAT-1 with an Adjustable Core Holder for core sizes from 25 to 101mm diameter cores. | 155 | 280 | Same as printer |
| | CHUCK | UCAT-1 with 76mm 'Quick-Chuck'. * | 170 | 300 | Same as printer |
| | 10-INCHES | UCAT-1 for Labels up to 255mm wide. 76mm standard. * | 255 | 300 | Same as printer |
| | 1-INCH | UCAT-1 for 25.4mm diameter cores. | 155 | 220 | Same as printer |

| MODEL | ADD SUFFIX | DESCRIPTION | LABEL WIDTH (mm) | ROLL DIAM. (mm) | SPEED (cm/sec) |
|---|---|---|---|---|---|
| UCAT-3 | STANDARD | Powered Unwinder for label rolls with 76mm core diameter standard.* Continuously adjustable feed rate. Control arm tracks label unwind usage and starts & stops unwinding automatically. Also rewinds. | 155 | 300 | 125 |
| | ACH | Powered Unwinder with an Adjustable Core Holder for any core size from 25 to 101mm. Also rewinds. | 155 | 280 | 125 |
| | CHUCK | UCAT-3 with 76mm 'Quick-Chuck'. * Also rewinds. | 170 | 300 | 125 |
| | 10-INCHES | UCAT-3 for Labels up to 255mm wide. 76mm standard. * Also rewinds. | 255 | 300 | 125 |
| | 1-INCH | UCAT-3 for 25.4mm diameter cores. | 155 | 220 | 125 |
| UCAT-40 | - | Heavy-duty 400mm diameter Powered Unwinder with 76mm 'Quick-Chuck'. * Continuously adjustable feed rate. Control arm tracks label usage and starts & stops unwinding automatically. Also rewinds. | 170 | 400 | 125 |

**\* Standard, S, CHUCK** and **10-Inches** Models are available for 38-, 40-, 44-, 70-, 76- and 100 mm diameter cores. Specify when ordering.

**\* SPEED: The indicated speeds are the maximum speeds at beginning of a 76mm core roll.**
**MAXIMUM LABEL ROLL WEIGHT:**
  **STANDARD: 8Kg. – 10-INCHES: 10Kg. - ACH: 7Kg. - CHUCK: 8Kg. - UCAT-40: 14Kg.**

| MODEL | DESCRIPTION | ROLL DIAM. (mm) |
|---|---|---|
| R-16 | Option available on UCAT-1-STANDARD, UCAT-1-CHUCK and UCAT-S to accept rolls up to 400mm in diameter. Factory installed. | 400 |
| APG-UCAT | Optional Adjustable Paper Guide. Guides the outer edge of the label web to ensure an even roll edge. | - |

**Dimensions:** 324H x 381W x 318D mm. UCAT-40: 457H x 381W x 457D mm.
**Base plate footprint:** 180 x 370mm or 180 x 280 mm
**Weight:** 9 Kg to 1 3Kg.
**Power Requirements:** UCAT-S & UCAT-1: No power required. Others: 220-240vac (120vac 60Hz 50va. Max. avail.)
**Warranty: 5-Year Parts and Labor Limited Warranty**, the longest in the industry.
(One-Year Limited Warranty on included Power Supply Module.)