Engineering labeling solutions.

UNIVERSAL
labeling systems

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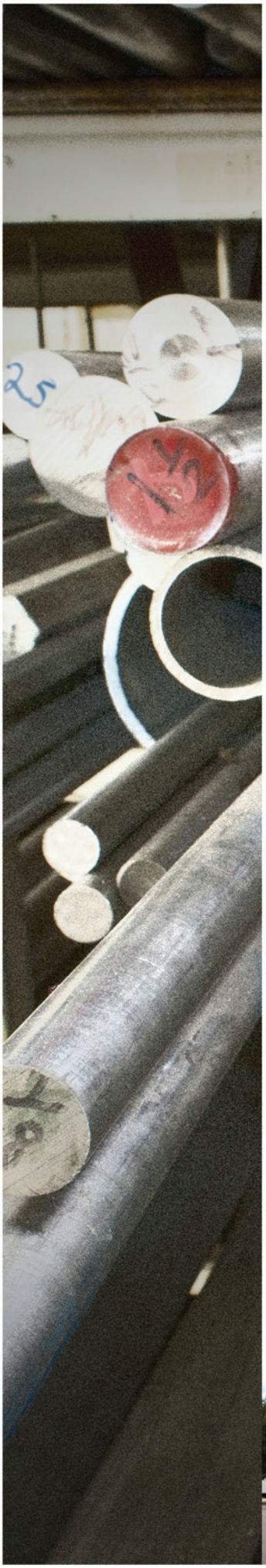
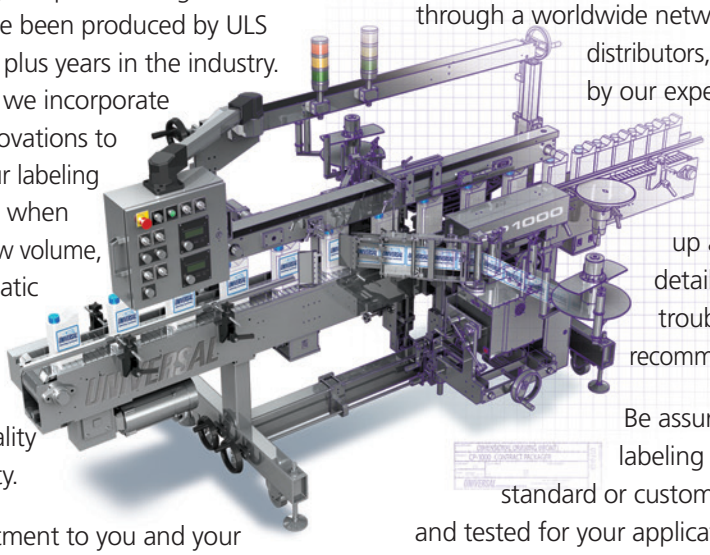
universal1.com



EVERYTHING WE ARE GOES INTO EVERYTHING WE DO.

We are Labeling. At Universal Labeling Systems, it's all we do. We are the premier designer and builder of pressure-sensitive labeling equipment. No other labeling machinery manufacturer can lay claim to as many standard and uniquely designed labeling systems. 33,000 plus labeling machines and systems have been produced by ULS over our 35 plus years in the industry. The reason: we incorporate labeling innovations to best suit your labeling needs. Even when designing low volume, semi-automatic equipment, Universal sets the bar high for quality and reliability.



Our commitment to you and your needs is achieved at a price that will please the most conscientious labeling equipment purchaser. All machines are designed and built in the USA in our St. Petersburg, Florida facility. Our engineering staff, using the very latest in design and modeling software, has over 120 combined years in engineering labeling solutions. These designs move from CAD drawing to our in-house fabrication facility. The finely machined components come together in our assembly facility where systems are built and tested in accordance with your products and labels.

Your ULS machine is sold and supported through a worldwide network of authorized distributors, and backed up by our expert technical staff. ULS product manuals include specifications, set-up and operational details, maintenance, trouble shooting, and recommended spare parts.

Be assured that your labeling system, whether standard or custom, will be built and tested for your application. And at ULS, we do more than talk as our Performance Guarantee states; "All equipment manufactured by Universal Labeling Systems carries a 30-day performance guarantee. If your labeling machinery does not perform as stated, we will take your machine back and reimburse you in full." 35 plus years and 33,000 plus machines later, we still honor this pledge.

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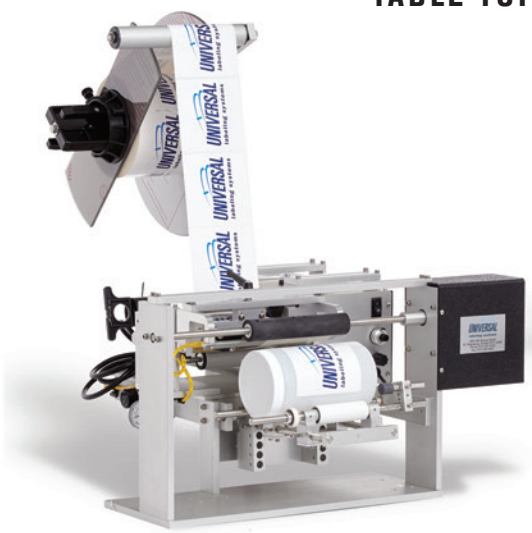
TABLE TOP LABELING SYSTEMS



R310
Semi-automatic Round Product Labeling System

- Product drive motor, label drive motor
- Adjustable product holding carriage .375" to 6"diameters
- Photoelectric label sensor
- "Roaming peeler"
- 6.75" wide web capacity
- .625" minimum label length required
- Label dispense speed: 410 ipm
- 12" roll capacity, 3" core
- Foot switch activation

R310 FB
Front & Back Round Product Labeling System

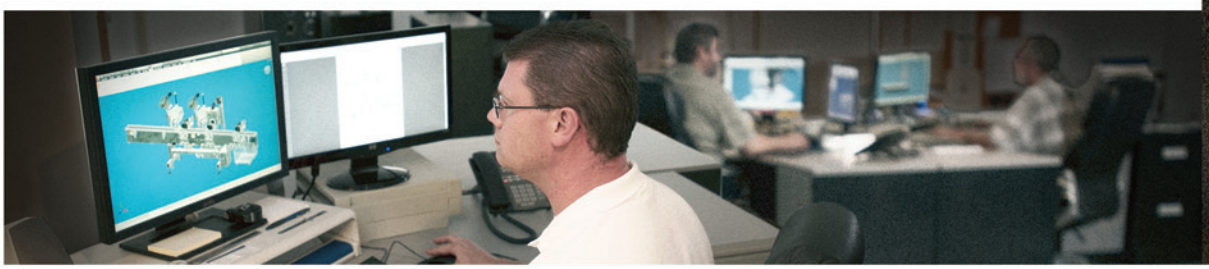
- Stepper driven
- Single or front & back labeling
- Photoelectric label sensor
- Adjustable product holding carriage .375" to 6" diameters
- "Roaming peeler" product diameter adjustment
- 9" wide web capacity
- .625" minimum label length required
- 12" roll capacity, 3" core
- Foot switch activation

L60
Semi-Automatic Tamp System

- Stepper Driven
- Programmable Logic Controller (PLC)
- Label dispense speed up to 600 ipm
- Photoelectric label sensor
- Tamp dwell control
- 6.5" wide web capacity
- Product detection delay (ON delay)
- Label stop delay (OFF delay)
- 12" roll capacity 3" core
- Includes one "quick change" Tamp head
- Foot switch activation

R315
Small Diameter Labeling System

- Complete tabletop system
- State-of-the-art control package
- Quick change product carrier
- Label dispense speed: up to 1300 ipm
- Web width: 6.5"
- 12" label roll capacity 3" core
- Overhead label wrapping station
- Shown with optional framework base



INLINE LABELING SYSTEMS

CP2000 Front & Back Contract Packager System

- Heavy-duty system framework
- 6"wide x 12' long Delrin chain conveyor
- All AC drives
- Product metering wheel
- Synchronous product positioning device
- Synchronous overhead hold down
- Photoelectric product sensor
- Two high-speed SL 2000 stepper driven label applicators
- Label dispense speed up to 3000 ipm
- Encoder with speed following control
- Secondary label wipe-down devices
- 6.25" wide web capacity
- 16" label roll capacity 3" core
- Job save option
- UL certified NEMA 12 control enclosure with multi-level menu system

CP1000 Front & Back Contract Packager System

- Heavy-duty system framework
- 6"wide x 12' long Delrin chain conveyor
- All AC drives
- Product metering wheel
- Synchronous product positioning device
- Synchronous overhead hold down
- Photoelectric product sensor
- Two SL 1500 stepper-driven label applicators
- Label dispense speed up to 1500 ipm
- Encoder with speed following control
- Secondary label wipe-down devices
- 6.25" wide web capacity
- 12" label roll capacity 3" core
- Job save option
- UL certified NEMA 12 control enclosure with multi-level menu system

R322 High-Speed Round Product System

- Heavy-duty system framework
- 6"wide x 8' long Delrin chain conveyor
- All AC drives
- Product metering wheel
- Photoelectric product sensor
- High-speed SL 2000 stepper driven label applicator
- Encoder with speed following from wrap station to SL2000
- 6.25" wide web capacity
- 16" label roll capacity 3" core
- Label dispense speed up to 3000 ipm
- 15" long label wrapping station
- Job save option
- UL certified NEMA 12 control enclosure with multi-level menu system

R321 Round Product System

- Heavy-duty system framework
- 6"wide x 6' long Delrin chain conveyor
- All AC drives
- Product metering wheel
- Photoelectric product sensor
- SL1500 stepper driven label applicator with digital controls
- 6.25" wide web capacity
- 12" label roll capacity, 3" core
- Label dispense speed up to 1500 ipm
- 15" long label wrapping station
- Job save option
- UL certified NEMA 12 control enclosure with multi-level menu system

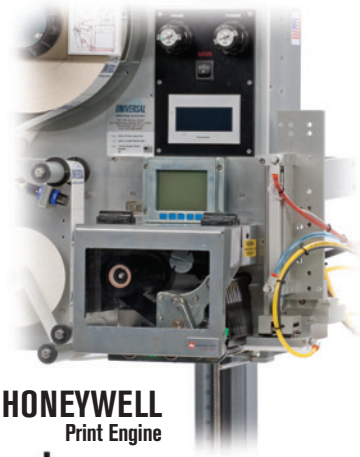
R320 Round Product System

- Heavy-duty system framework
- 6"wide x 6' long Delrin chain conveyor
- All AC drives
- Product metering wheel
- Photoelectric product sensor
- L15-S stepper driven label applicator
- 6.5" wide web capacity
- 12" label roll capacity, 3" core
- Label dispense speed up to 1300 ipm
- 15" long label wrapping station
- UL certified NEMA 12 control enclosure

PRINT AND APPLY LABELING SYSTEMS

SATO
Print Engine

ZEBRA
Print Engine



HONEYWELL
Print Engine

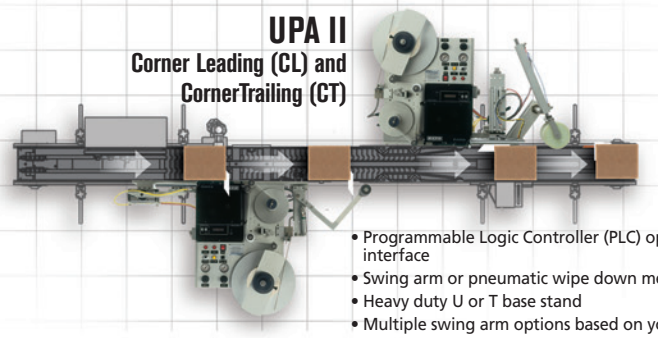
UPA II Features:

- Industrial strength Print & Apply
- Easy-to-use operator touch screen
- Programmable Logic Controller (PLC)
- "Quick change" Tamp head
- Removable tamp head assembly for easy access to print engine.
- Proximity sensor in head "smart head"
- Label out condition
- Label roll capacity: 12" Ø
- Bar code compatible / RFID ready

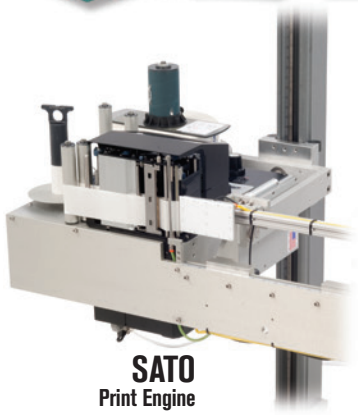
UPA II Options:

- Label on head detection
- 3-tier light tree with system fault indicators to include label low, ribbon low, and ribbon out conditions
- External signal output
- Allen Bradley Micro 850 PLC
- Tamp/blow applicator
- Wipe-on applicator
- Radio Frequency Identification (RFID)
- UPA IIe all electric (stepper driven)

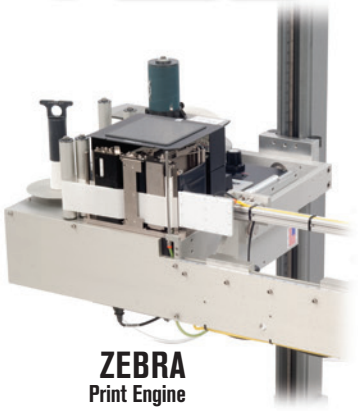
UPA II
Corner Leading (CL) and CornerTrailing (CT)



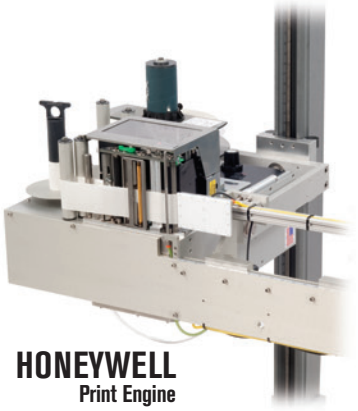
- Programmable Logic Controller (PLC) operational interface
- Swing arm or pneumatic wipe down mechanism
- Heavy duty U or T base stand
- Multiple swing arm options based on your application



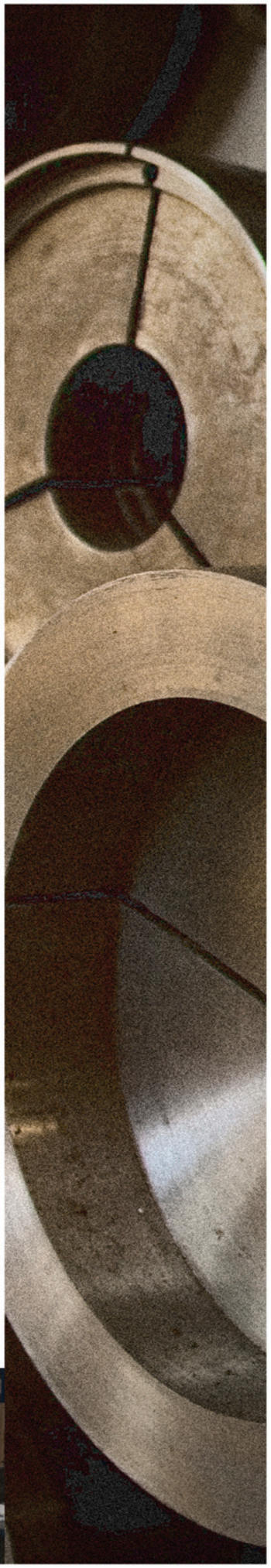
SATO
Print Engine

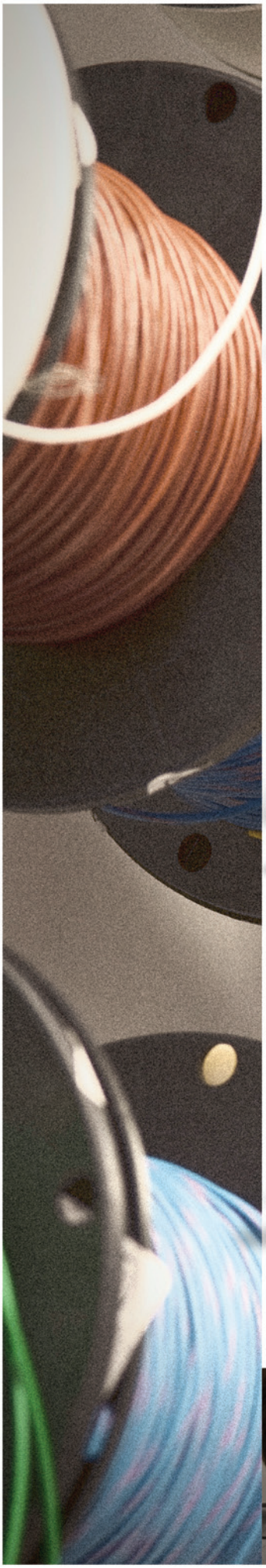


ZEBRA
Print Engine



HONEYWELL
Print Engine



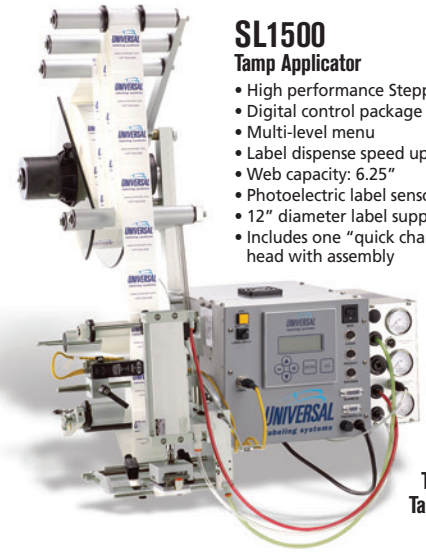


LABEL APPLICATORS

SL1500
Wipe-on Applicator

- High performance Stepper motor
- Digital control package
- Multi-level menu
- Label dispense speed up to: 1500 ipm
- Web capacity: 6.25”
- Photoelectric label sensor
- 12” diameter label supply, 3” I.D. core
- Adjustable peeler bar assembly

Wipe-On



SL1500
Tamp Applicator

- High performance Stepper motor
- Digital control package
- Multi-level menu
- Label dispense speed up to: 1500 ipm
- Web capacity: 6.25”
- Photoelectric label sensor
- 12” diameter label supply, 3” I.D. core
- Includes one “quick change” Tamp head with assembly

Tamp or
Tamp-Blow

SL2000
High-Speed
Wipe-on Applicator

- High performance Stepper motor
- Digital control package
- Multi-level operator menu
- Label dispense speed up to 3000 ipm
- 6.25” web capacity
- Photoelectric label sensor
- 16” roll capacity, 3” core
- Adjustable peeler bar assembly

L60
Tamp Label Applicator

- Stepper driven
- Programmable Logic Controller (PLC)
- Tamp/tamp-blow
- “Quick change” tamp heads
- Photoelectric label sensor
  - Label dispense speed up to 600 ipm
  - Label roll capacity:12” Ø
  - Web width: 6.5”

L15-S
Wipe-On Applicator

- Stepper driven
- Touch screen operator interface
- PLC controlled
- Label dispense speed up to 1300 ipm
- 6.5” wide web capacity
- Photoelectric label sensor
- Product detection delay (ON delay)
- Label stop delay (OFF delay)
- Product counter
- 12” roll capacity, 3” core

L30
Wipe-On Applicator

- Compact design
- .375” clutch brake
- Label dispense speed up to 712 ipm
- Photoelectric label sensor
- 2.125” wide web capacity
- 10” roll capacity, 3” core

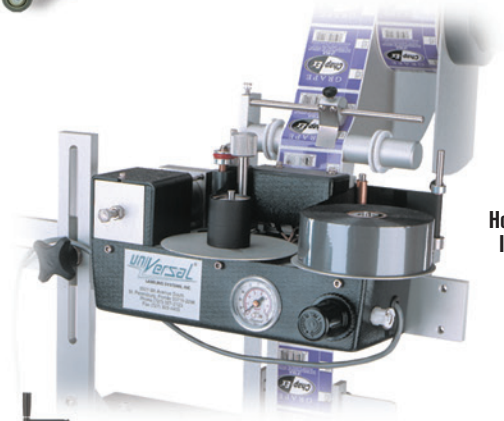
ACCESSORIES

36”or 48” Feeder Table

- (FDA approved HDPE high-density polyethylene)
- Adjustable table height to match your conveyor
- Feeder assembly
- Adjustable guide rails for various size products
- Heavy duty swivel casters and leveling pads
- Variable speed drive
- Reversible motor rotation
- Heavy duty powder-coated base
- Includes transfer plate

36”or 48” Accumulating Table

- (FDA approved HDPE high density polyethylene)
- Adjustable table height to match your conveyor
- Heavy duty swivel casters and leveling pads
- Variable speed drive
- Reversible motor rotation
- Heavy duty powder-coated base
- Includes transfer plate

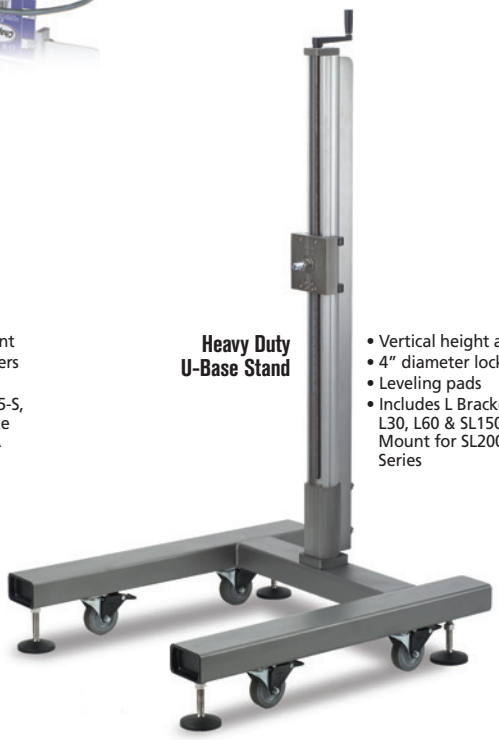


C205 Hot Stamp Imprinter

- 1.25” by 1.5” imprint area
- Supports industry standard type
- Includes spacer set
- Rotate type inside holder
- Can be integrated with all Universal labeling applicators & systems

Heavy Duty T-Base Stand

- Vertical height adjustment
- 4” diameter locking casters
- Leveling pads
- Includes L Bracket for L15-S, L30, L60 & SL1500 or Yoke Mount for SL2000 & UPA Series



Heavy Duty U-Base Stand

- Vertical height adjustment
- 4” diameter locking casters
- Leveling pads
- Includes L Bracket for L15-S, L30, L60 & SL1500 or Yoke Mount for SL2000 & UPA Series