

Series 3000Z

The **Series 3000Z** is LSI's **High Performance Servo** line of labeling heads. Designed for the most extreme labeling applications, **Series 3000Z** includes models with adjustable web speeds up to 4000" per minute, web widths up to 15" and unwind roll diameters up to 20". All models are designed to work with any of LSI's standard applicators. Every **Series 3000Z** labeler features:

- Servo motor with integral position encoder, for maximum torque and precise speed and label position control
- Adjustable speeds, from 0 to 4000 inches per minute
- Encoder follower feature to dynamically synchronize label dispense speed to product speed
- Advanced position control algorithm ensures precise label position control, even during extreme acceleration and deceleration
- Count based label stop position control, for repeatable label stop at any dispense speed
- Advanced product position tracking feature allows the product sensor to be mounted up to 12" upstream from the applicator, keeping the peeler bar area clear in tight installations
- Separate electronics enclosure puts user controls right where they are needed
- Open protocol, network communication allows remote display and adjustment of all labeler parameters and alarms
- Resettable product and label counters
- 50 recipe storage locations, for easy set-up and repeatable product change over
- East thread nip roller latch, for quicker roll changes
- Heavy duty aluminum plate and stainless steel construction, designed for 24 x 7 duty



Labeling Systems Inc.

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Specifications

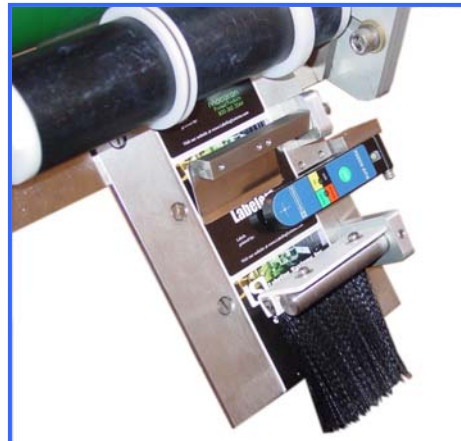
Labeling Head Features Drive Type: Servo Motor with Encoder Label Sensing: Self teaching photo-electric Optional Clear LabelSensor Capacitive type Controls: LCD touch screen Orientation: Right or Left Cabinet Construction: 3/8" anodized aluminum plate		Performance Specifications Speed: Up to 4000" min Accuracy: +/- 1/32
Mounting Options Cradle Mount, Systems Mount with adj Z axis cradle and X-Y table, Model 100 T-base Stand		Label Specifications Roll Size: 16" O.D. on 3" core Length: Up to 14" Width: up to 6 7/8" Material: paper or film
		Utility Requirements Electrical: 115v 60 cyl 10 amp Air: Some applicators require air

Applicators

LSI standard applicators include Wipe-on, Vacuum Grid Roll-on, Blow-on, Tamp, Swing Arm Tamp and Corner Wrap models.

Options

- Available in Right or Left Hand Configurations
- Low Label/Web Break Alarm Package with Beacon
- Dual Unwind Roll Capability
- 6" Unwind Core Adapter
- Capacitive, Clear Label Sensor
- Hot Stamp Imprinters
- Embosser



self teaching label sensor promotes easy set up and changeover



Bright LCD digital display, easy to read, simple menus



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