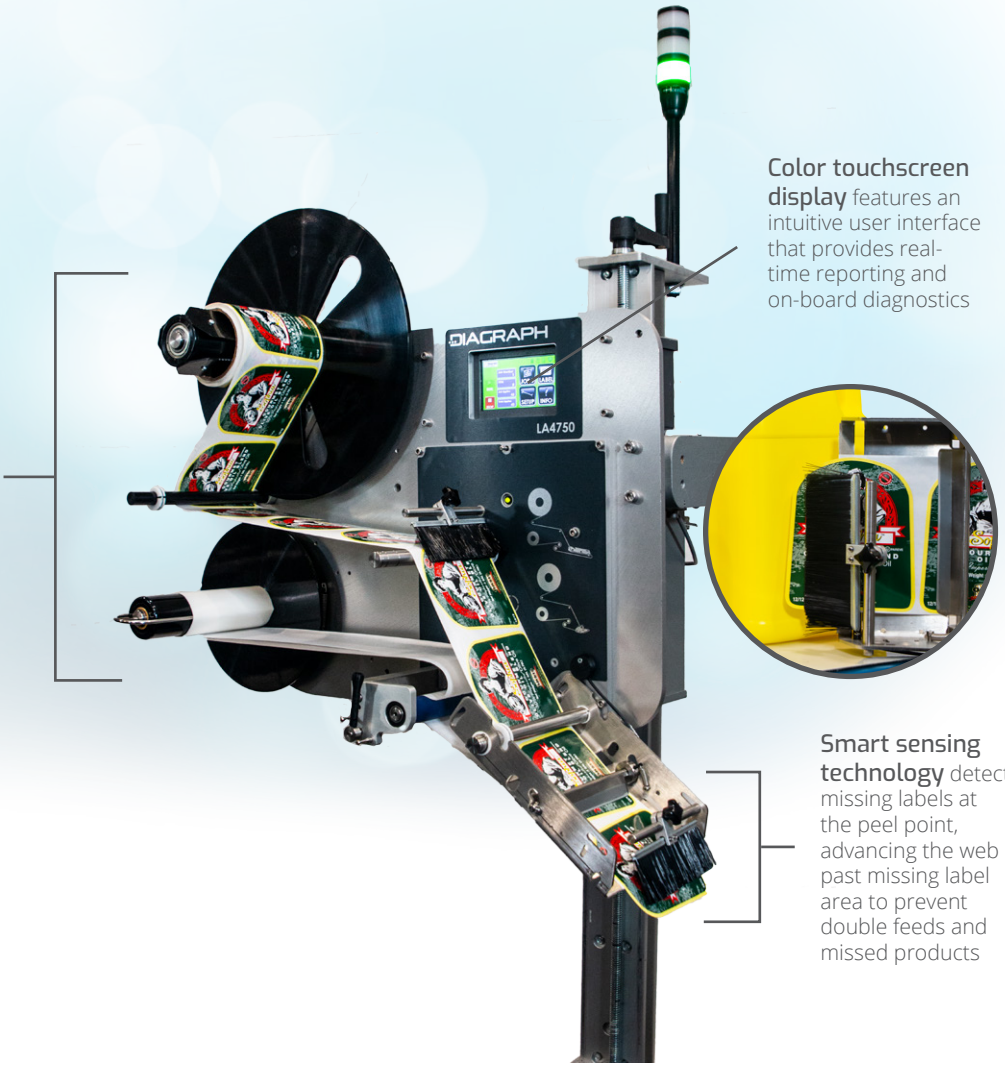
DIAGRAPH

# LA4750 ALL-ELECTRIC LABEL APPLICATOR

The Diagraph LA4750 all-electric label applicator system is designed using servo-controlled label dispensing technology and smart sensing controls to achieve precise label placements at high speeds. The system's industry-leading smart technology auto-detects irregularities in operations to intuitively adjust system outputs, ensuring a one-to-one label-to-product match. Reliably apply labels in various applications including to the side, top, bottom and corner-wrap of product, case and pallet panels.




**Color touchscreen display** features an intuitive user interface that provides real-time reporting and on-board diagnostics

**Independent rewind drive** works as a clutch-less, no-adjustment system that is easy to web

**Smart sensing technology** detects missing labels at the peel point, advancing the web past missing label area to prevent double feeds and missed products

## KEY FEATURES

- **All-electric design** frees manufacturers from the inconsistencies and high costs of plant air; saving as much as 50% on energy costs
- **Brushless servo motor** drives precision label dispensing to achieve superior label placement
- **Optional line speed encoder** allows for accurate label placements at variable line speeds
- **Discrete I/O Card option** allows the system to interface to a PLC for integration with line controls


## SPECIFICATIONS

| | |
|---|---|
| Dimensions (with Yoke) | 31" (787 mm) L x 27" (686 mm) H x 26" (660 mm) D |
| Certifications | ISO/IEC 17025 |
| Supply Roll Capacity | 14" (355.6 mm) OD |
| Core | 3" (76.2 mm) Diameter |
| Label Length | 0.5" (12.7 mm) Min. up to 22" (558.8 mm) |
| Narrow Web Label Width | 1" (25.4 mm) Min. up to 6" (152.4 mm) |
| Wide Web Label Width | 1" (25.4 mm) Min. up to 9" (228.6 mm) |
| Temperature | 41°F – 104°F (5°C – 40°C) |
| Humidity | 10 to 85% Relative Humidity, Non-Condensing |

| Weight | |
|---|---|
| Wipe | 81 lbs (36.7 kg) (Includes Yoke, No Stand) |
| E-Tamp, E-WASA | 98 lbs (44.5 kg) (Includes Yoke, No Stand) |
| E-FASA | 101 lbs (45.8 kg) |
| Chi-Stand | 83 lbs (37.6 kg) |

| Accuracy | |
|---|---|
| E-Tamp, E-WASA, E-FASA, Wipe | ±0.06" (±1.6 mm) |
| E-Tamp/Blow | 0.09" (±2.4 mm) |

| Product Rate | |
|---|---|
| Wipe | Up to 800 PPM |
| E-Tamp | Up to 120 PPM |
| E-Tamp/Blow | Up to 55 PPM |
| E-FASA | Single Apply: Up to 52 PPM; Dual Apply: Up to 28 PPM |
| E-WASA | Dependent on Label Length, Print Speed and Product Spacing |
| E-Tamp Box | Up to 300 PPM |

| Line Speed | |
|---|---|
| Wipe | Up to 300 FPM |
| E-Tamp, E-Tamp/Blow | Up to 150 FPM |
| E-FASA | Up to 75 FPM |
| E-WASA | Up to 125 FPM |

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