# DIAGRAPH

PA6000 ALL-ELECTRIC PRINT & APPLY LABELER

The Diagraph PA6000 all-electric print and apply labeling system is designed using servo-controlled label dispensing technology and smart sensing controls to achieve precise label placement at high speeds. The system's industry leading smart technology uses sensors to reduce complications in ensuring one-to-one label-product match. Reliably print and apply labels in various applications including to the side, top, bottom and corner-wrap of product, case and pallet panels.

Strategically integrated sensors track labels and web conditions throughout transit for total control of the labeling process

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

Servo driven actuator reacts in real-time to feedback from sensors for unparalleled precision
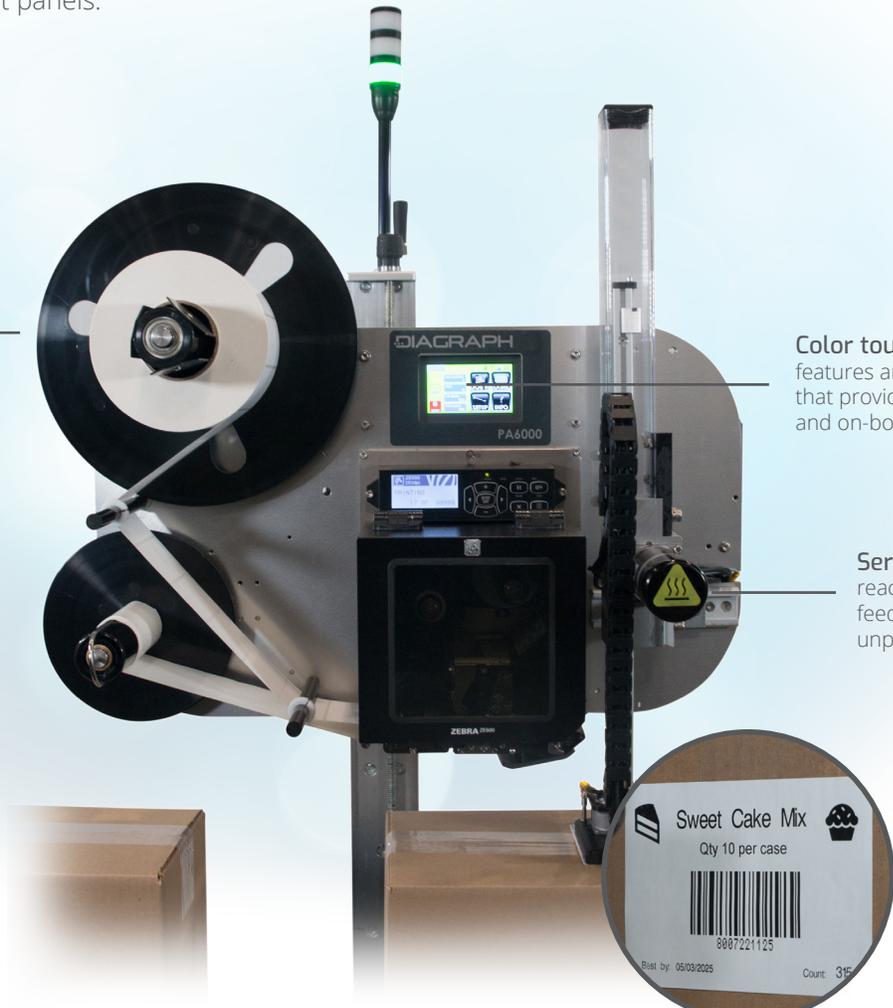
KEY FEATURES

- **All-electric design** frees manufacturers from the inconsistencies and high costs of plant air; saving as much as 50% on energy costs

- **Diagnostic screen** provides real time feedback from smart sensors

- **Brushless DC servo motors** drive precision label dispensing and control throughout transit for superior label placement

- **Discrete I/O option** allows the system to interface with a PLC for integration with line controls

SPECIFICATIONS

Dimensions (with Yoke)	787mm (31") L x 686mm (27") H x 660mm (26") D
Certifications	CAN/CSA C22.2 No. 60950-1:2007, UL 60950-1:2007, EN 60950-1/A1:2010
Supply Roll Capacity	14" (355.6 mm) OC up to 16" (406.4 mm) Optional
Core	3" (76.2 mm) Diameter
Label Length	0.5" (12.7 mm) Min. up to 14" (355.6 mm)
Label Width	0.5" (12.7 mm) Min. up to 6.5" (165.1 mm)
Temperature	41°F – 104°F (5°C – 40°C)
Humidity	10 to 85% Relative Humidity, Non-Condensing

Weight	
E-Tamp, E-WASA	120 lbs (54.4 kg) (Includes Yoke, No Stand)
E-FASA	130 lbs (58.9 kg)
Chi-Stand	96 lbs (43.5 kg)

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

Product Rate	
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

Line Speed	
E-Tamp, E-Tamp/Blow	Up to 150 FPM
E-FASA, E-WASA	Up to 75 FPM
High Speed Tamp	Up to 300+ FPM

TOUCH PRO

Experience faster format changes and increased response time with the touchscreen capable stainless-steel Touch Pro. Offering high performance at a low cost, this industrial designed PC is easy to install and service. Touch Pro's stable design features offer advantages to consumer packaged goods labeling applications:

- **Industrial, stainless steel** 10.2" touchscreen PC with intuitive Windows10 IOT Enterprise interface

- **Quick start design** powers up PC within 15 seconds

- **Built-in Ethernet connectivity** for faster interaction with print engine

- **2GB memory** with faster processing power

- **Compatible with NiceLabel** software for building label formats

- **Remote access** through built-in wifi connectivity

- **SICK vision system software compatible** for product barcode verification
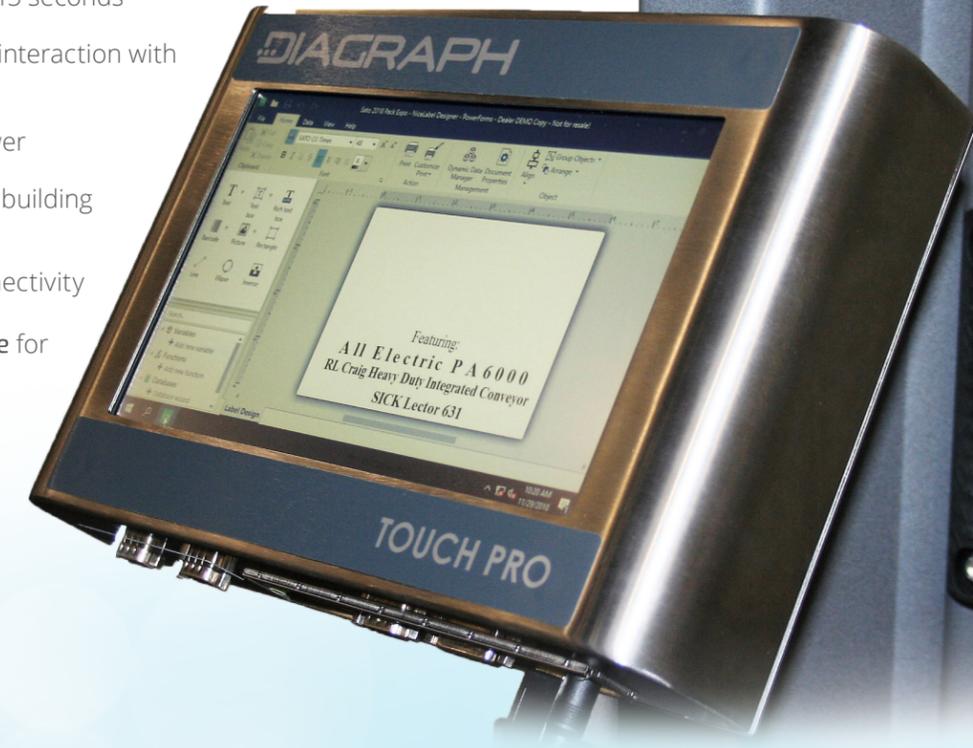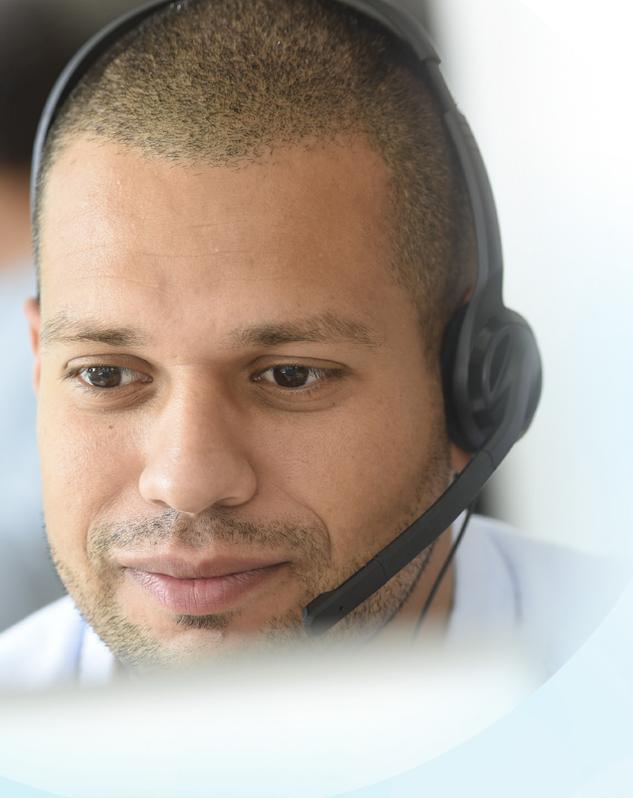
SERVICE SUPPORT

We have designed our service programs to match the skill level of your maintenance team — providing you with the right level of support for your unique operation. Enjoy our support services that come standard with all Diagraph equipment purchases:

- Technical support is only a call or click away via phone, live chat, and email

- Site visits for on-site troubleshooting and repairs are provided by factory-trained service technicians

- In-house repairs incorporate comprehensive preventive maintenance servicing and are offered on a flat-rate basis, ensuring your immediate needs are addressed now and future maintenance is deferred due to printers being returned in like-new condition

- Customer training can be provided on-site or at our company training facility — giving operators the technical knowledge and confidence they need to identify and repair mechanical and electrical problems independently