



TECHNICAL SPECIFICATIONS

Power Supply	48Vdc – 320 W required Options: AC/DC adapter, DIN AC/DC power supply or 48Vdc 320W power supply provided by the customer	Connectivity	2 x USB-A ports for memory sticks 1 x RS232 port (ETH-LAN) for data communication with fixed IP or DHCP Communication ports: 30000, 9100 or customizable Ethernet PoE port (ETH-DISPLAY) for HMI connection and power supply
HMI	Based on HTML pages 7" capacitive color HMI PoE with magnetic mounting PC with browser as an alternative Multilingual: IT, EN, DE, ES, FR, CS, HU, KO, NL, PL, RU, ZH, AR Intuitive icons for parameters and function selection	Conditions Environmental	Storage temperature: from -20°C to +50°C Operating temperature: from +5°C to +40°C Ambient humidity: from 10% to 60% non-condensing Printer and applicator protection rating: IP20 Touch Panel protection rating: IP20 (optional IP55) Not suitable for use in explosive environments (ATEX)
Unit Printer	No need for compressed air: fully electric Printhead pressure on the label self-detected via software calibration "Micro" tangential adjustment of the printhead with simple roller printing Versions LH and RH Dimensions compatible with PRINTESS 4 and PRINTESS 6 High tape autonomy: up to 1200 m with built-in tape saving function Greater paper autonomy with XT version	Standards	PTS printing and application system with standard applicator compliant with the Machinery Directive 2006/42/CE Supports compatible: 59SUR40 (any model and configuration)
Print heads	Corner edge type 300 DPI: 107mm(4 inches), 128mm(5 inches), 160mm(6 inches)	Software	EASYCODE32, EUB32/64, LABELCRAFT, NICELABEL PTS can receive ZPL label files from: BARTENDER, CODESOFT, LABELVIEW, BAR-ONE, COLOS, Manage.ID, etc.
Main Features	Simplified paper passage Paper and tape tension controlled by Brushless motors ON/OFF switch with green/red status LED on the front side Front cover with adjustable friction hinges Transparent rear cover for complete view of motors, pulleys, belts, and electronic boards	Consumables	Tape: Length: max 1200 m Standard width: 30, 40, 55, 85, 110, 130, 150, 165mm Ink side: inner (EIDOS standard) or outer (selectable via software parameter) Paper: Max external reel diameter: max. 250mm for PTS, max. 350mm for PTS-XT Maximum rewind reel diameter: 310 mm Maximum width of siliconized paper: 170 mm Standard reel core diameter: 76 mm (3 inches) Max printable label length: 210mm standard (longer labels available on request) Minimum printable label length: 5 mm Maximum printable label width: 160 mm (with 6-inch printhead)
Maintenance	Electronic boards, paper photocell, printhead, print roller, tape encoder roller, and paper feed roller easily replaceable	Types of Materials	Vellum paper, Coated paper, White plastic labels Transparent plastic labels (only with a black mark or hole in the inter-label space) Thermal paper (printed with KCE series thermal heads)
Weight Printer	PTS Model: 27 Kg (without consumables) PTS-XT Model: 29 Kg (without consumables)		
Overall Dimensions	PTS Model (L x H x D): 550 x 393 x 360 mm PTS-XT Model (L x H x D): 655 x 393 x 360 mm		

Maximum printing speed*

The maximum achievable printing speed depends on the label material, the tape used, and the width of the printhead.

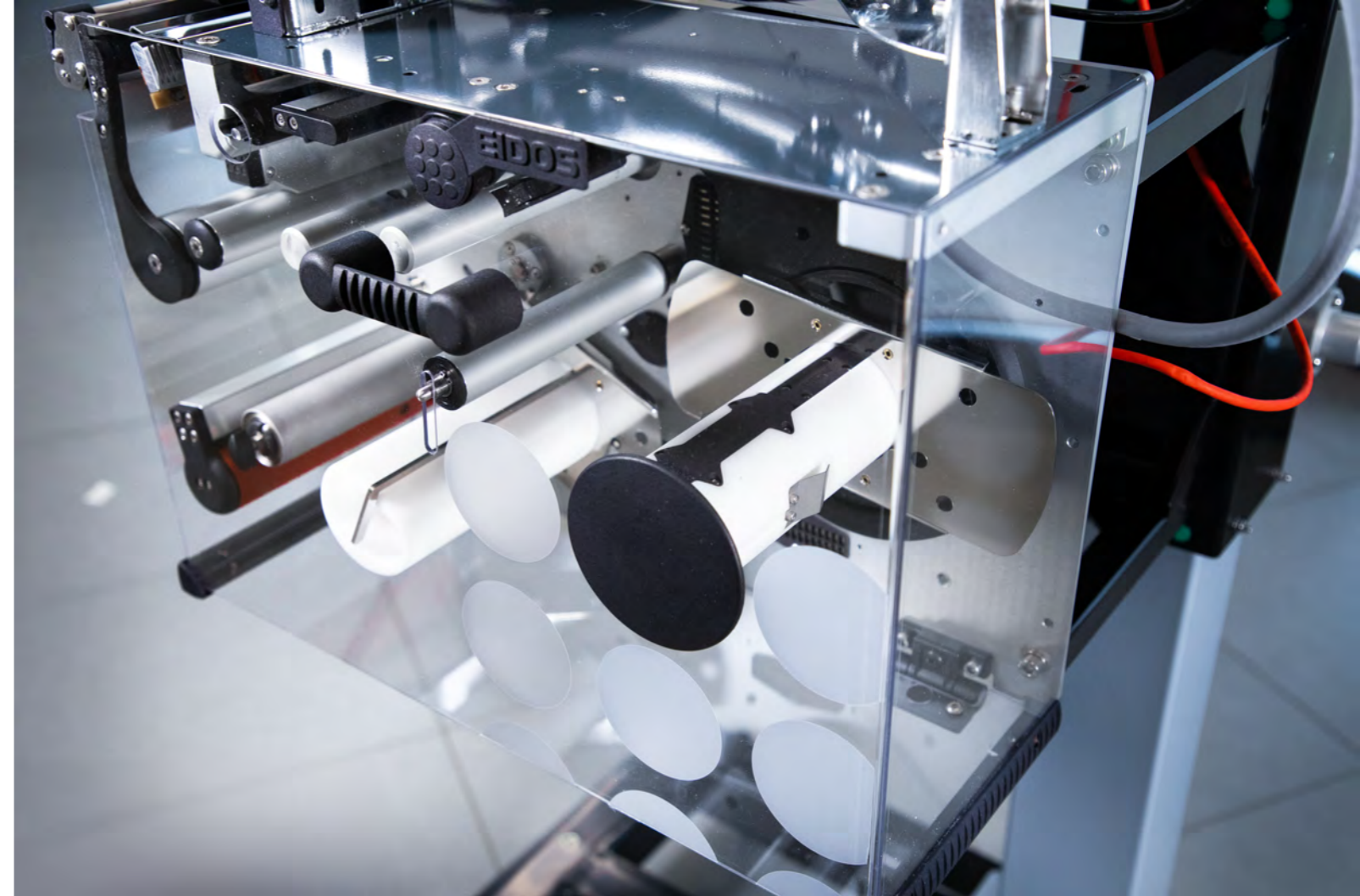
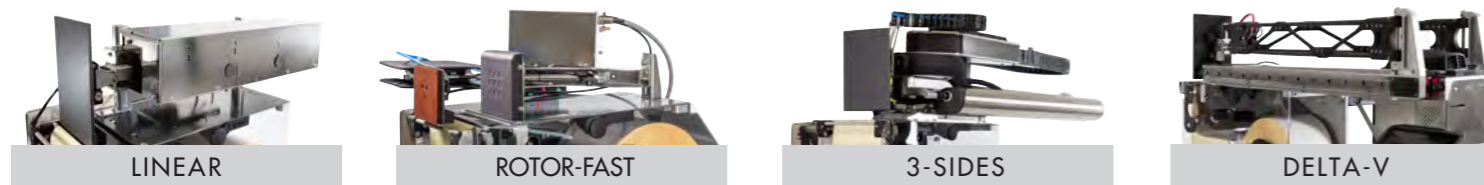
LABEL MATERIAL	TPH 4" 107mm Max (mm/s)	TPH 5" 128mm Max (mm/s)	TPH 6" 160mm Max (mm/s)
Vellum paper	500	450	400
Coated paper	600	550	500
White and transparent plastic (PP, PE, PET)	1000	850	700

*Performance is guaranteed only when using EIDOS consumables.

Compatible applicators

Complete range:
Linear Short, Long, Extra-Long, Ultra-Long - Linear Wrap - Rotor Short, Rotor Long
Rotor Fast - Static Blow - 3-SIDES - DELTA-V - Direct Dispensing

Note: Some applicators may require compressed air supply
Air consumption at 6 bar for LINEAR, ROTOR, 3-SIDES, and DELTA-V applicators
Peak consumption at 6 bar: 40 l/min
Average consumption: 5 to 6 liters per cycle



Performance. Technology. Safety.

Designed to simplify printing and application processes.

PTS gives you the freedom to switch configurations in seconds, with interchangeable printheads, hot-swappable electronics, and a robust, compact structure.

More than just a machine: it's a platform built for the future.

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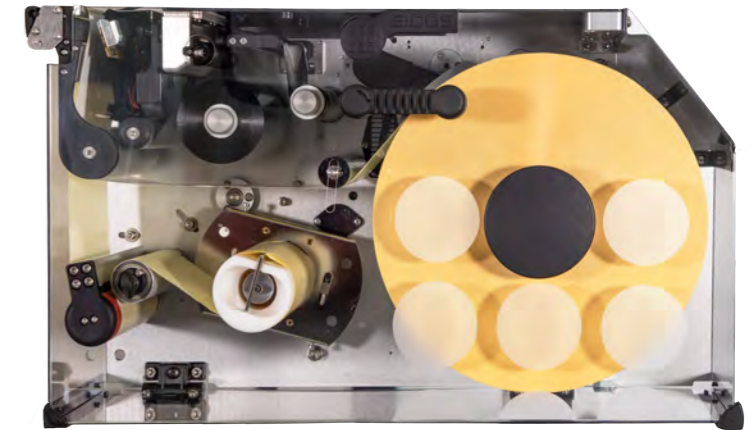
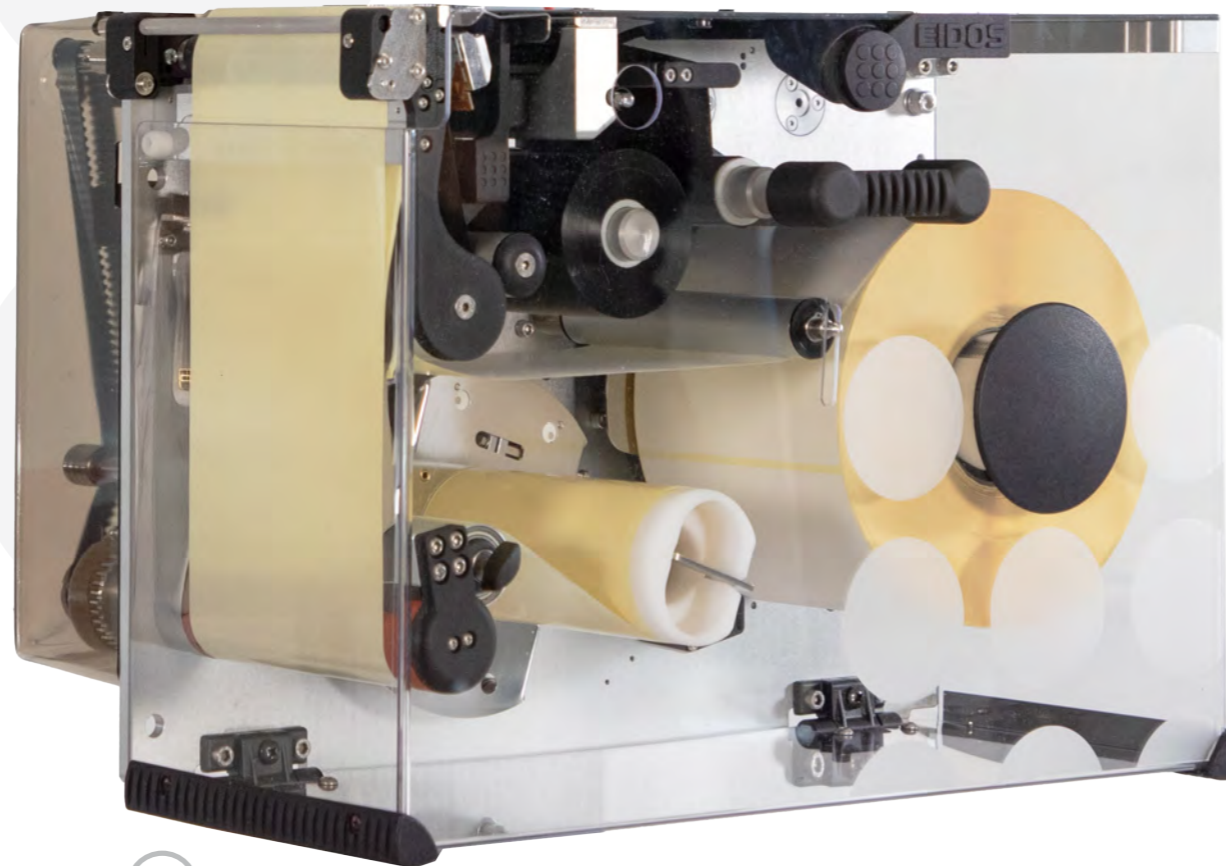
MAXIMUM EASE OF OPERATION: THE NEW PTS

The new PTS is the sixth generation of Print & Apply systems developed by EIDOS. It is designed to meet the growing need for flexibility, reliability, and speed in label printing and application in modern production environments.

Derived from the award-winning TTO technology for flexible packaging and completely reengineered for Print & Apply, PTS unites ergonomics, modularity, and high performance in one compact and intelligent machine.

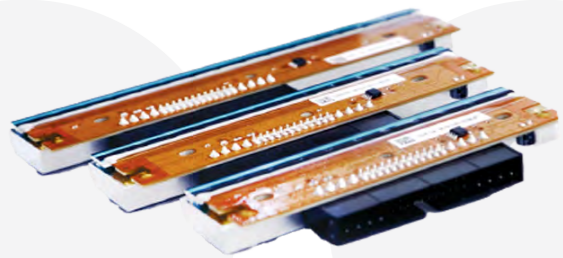
SMART X-MOTOR

- The servo motor completely replaces compressed air: less complexity, lower maintenance.
- Controlled movement of the printhead
- Optimal print performance
- Supports advanced ribbon-saving systems, among the most efficient on the market
- Precise control of printhead position



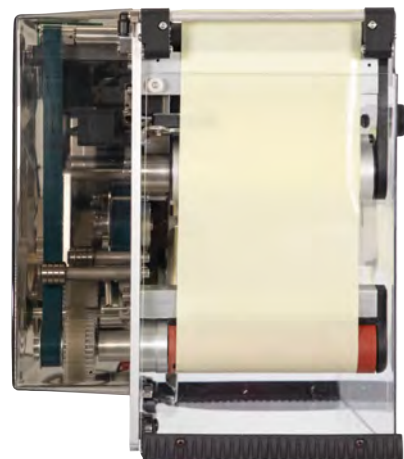
SUPERIOR PRINT PERFORMANCE

Autonomous print unit with optional feeder and HMI. Perfect integration into packaging and existing lines. Foil rolls up to 1,200 m for extended autonomy. Labels up to 250 mm in diameter, expandable to 350 mm with the **high-capacity module**.



QUICKHEAD X-CHANGER

- The modular structure accommodates 4", 5", or 6" (107/128/160 mm) printheads, interchangeable in seconds without replacing the entire system.
- Tool-free printhead replacement in seconds
- Magnetic mounting with mechanical safety
- Easy access for replacement, maintenance, and cleaning



ELEGANT AND INTELLIGENT DESIGN

Thanks to its optimized design and modular chassis, PTS is more compact than any comparable machine: just 18 mm wider than the Printess 4" version, but 37 mm narrower than the 6" version. An ideal solution for every production line.



INTELLIGENT ACCESS

PTS can be controlled remotely via a web browser from PC or smartphone, or via the optional HMI display. Simplified operations for diagnostics, configuration, and maintenance.

QUICKTRONIC X-CHANGER

The plug & play electronics are integrated into the chassis but independently replaceable. Hot-swap function: electronic module can be replaced without stopping the line.

Extensive communication capabilities: Ethernet, Wi-Fi, digital I/O, CAN Bus, and more.

No technology barriers: complete customization of your environment.

