

“PLUS II” SERIES

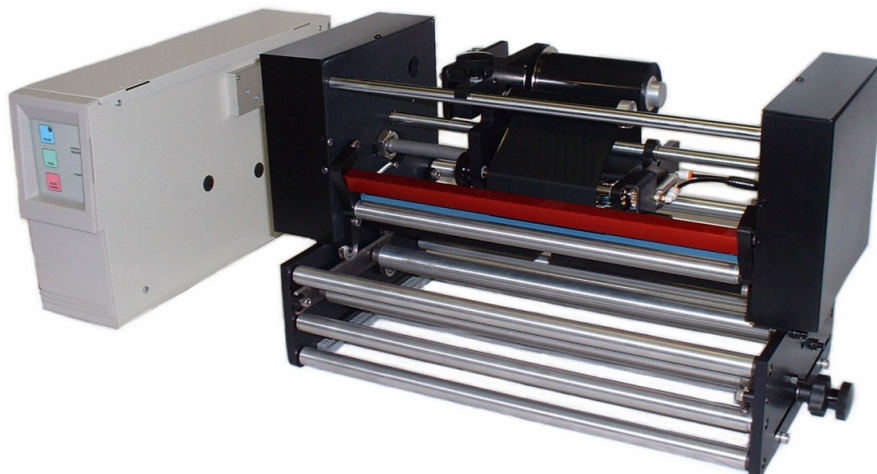
In-Line Thermal Transfer Printing Systems

The Best Just Got Better.

Geo Packaging Systems has been leading the way with In-Line Thermal Transfer package printers since 1989. For years, the Geo “PLUS” printer has proven itself as one of the most reliable printers in the field. With the PLUS II we’ve taken it to the next level.

Features of the PLUS II:

- State-of-the-Art Digital Technology
- Superior Print Quality
- Prints Text, Graphics, & Barcodes
- Print Speeds Up to 8” Per Second
- Adjustment-Free
- Simple and Reliable Operation
- Compact Modular Design
- Ribbon Saver
- Industrial Construction
- Minimal, Low Cost Maintenance
- Perfect for Bag On A Roll, C-Fold, or Form/Fill/Seal Packagers



Model G165-P2 with Slide Unit and Bag Adjuster



Simply put, the PLUS II is a state-of-the-art yet rugged package printing system that provides unsurpassed print quality & performance.

An Extremely Versatile Printer

The Geo “PLUS II” printer is superior when it comes to printing **crisp, dark, durable images** on virtually any type of flexible packaging material. The compact, open-architecture printer can be installed and operated on all brands of intermittent motion packagers and can be mounted right side up or upside down to print on either side of the film. Five available models will accommodate **film sizes up to 36” wide**. **

Any type of information or designs can be printed directly on your package with the PLUS II. The 4.1” wide print head allows for **large print areas**, and **digital thermal transfer technology** gives you the flexibility to print over 15 different types of bar codes, text (including TrueType fonts), custom graphics and logos, nutrition panels, lot codes, time/date stamps or database fields.

Easy To Use

The Plus II was designed with operators in mind. Installation is simple with Geo’s **custom mounting brackets** that bolt right onto your specific packaging machine.

The PLUS II will work with any third party label software package that supports the Datamax Prodigy Plus printer, letting you **create and download labels in just minutes**. Many other in-line thermal transfer printers can only be used with the manufacturer’s “proprietary” software—limiting your options right from the start.

To keep you informed of the printer’s status, the PLUS II features an easy to read front panel indicator, ribbon out sensor and built in diagnostics.

Based on the proven PLUS printer, the PLUS II incorporates many **NEW** features including a rotating print head** for easy access when cleaning or loading materials, a reduced frame size, and a quick change print roller to make cleaning and replacement a snap!

Unmatched Cost Savings

Did you know that thermal transfer printing is the fastest, simple, and **most economical** way to print on a package? When you add up equipment, ribbon, and maintenance costs, the PLUS II has a lower “per package” cost than hot stamp **or** labor intensive print-and-apply labeling.

The PLUS II is constructed specifically for use in industrial environments and contains **fewer moving parts** and is **adjustment-free**. Use the PLUS II for your on-demand package printing needs and you are guaranteed to maximize production time, keep maintenance costs low, and ensure that the 1,000,000th print will look just as good as the first.

With the PLUS II you not only get the best thermal transfer package printer available but also access to **extensive and prompt customer support** that makes Geo Packaging Systems a stand-out in the industry. Give us a call now and see what we can do for you!!

PLUS II STANDARD FEATURES

- Modular Construction:** Made with Anodized aluminum, sealed bearings, pre-lubricated bronze bushings
- Print Engine:** Datamax Prodigy Plus
- Printhead:** High quality 203 dpi, thermal transfer type
- Resident Bar Codes:** Code 39 / Mod A, Code 93, Code 128 / A / B / C / C Mod 10, UCC/EAN 128, EAN 8 / 13 / 128, UPC A / E, UPC/EAN 2 & 5 digit addendums, Interleaved 2 of 5 / Mod 10, Plessey, Postnet, CODEABAR, UPC Shipping Container Symbology, HBIC, PDF 417, Maxicode
- Resident Character Set:** Nine Alpha-Numeric Fonts (expandable X and Y from .035" high to 16" high) including OCR-A,B and a CG Triumvirate smooth font containing 10 point sizes
- Aux. Equipment I/O:** Input- Begin print cycle
Output- Printer on, printer busy, printer ready
(All I/O available for AC or DC signals)
- Ribbon Detection:** Proximity Sensor- Ribbon out / ribbon fault alarm
- Communication:** RS-232 Serial or optional RS-422 serial
19200 max. baud rate
- Warranty:** One Year limited warranty on parts and labor

PLUS II SPECIFICATIONS

- Print Speed:** Up to 8" per second
- Print Area:** 4.1" wide maximum x 10" long (20" w/ RAM module)
- Software Compatibility:** Any label formatting software compatible with the Datamax Prodigy PLUS printer
- Ribbon Type:** Thermal transfer, black or colored, Coated side in 4.5" wide maximum x 2000' long maximum
- Flexible film types:** High and low density Polyethylene and Polypropylene, metallized polys, tyvek, vinyl, polyester, foil, cello, bags-on-a-roll, pre-printed films and others. All materials and pre-printed inks must be compatible with thermal transfer inks.
- Power Requirements:** 110 volts AC +/- 5%, 50-60 Hz, maximum 2 amps (220 volts optional)
- Air Requirements:** 80 - 90 psi, dry and filtered
- Operating Temperature:** 50-100° F [10-38° C]
- Weights:** Printer: 17-23 lbs. [7.7-10.5 kg] **Depending on model**
Slide Units: 9 - 14 lbs. [4 - 6.4 kg]
Electronic Control Unit : 24 lbs. [10.9 kg]
- Dimensions:** Printer: See diagram below
Electronic Control Unit: 4.5" W x 10" H x 18" L

MODELS

Model Number	Maximum film width
G115-P2	11"
G135-P2	13"
G165-P2	16"
G205-P2	20"

Thermal Transfer Ribbons

Geo Packaging Systems offers a complete line of high quality ribbons that are recommended and approved for the PLUS II printing system, as well as ribbons for other thermal transfer printer brands. These ribbons are available in a variety of formulations and sizes to create superior printing results for your specific application. Support in establishing your material needs is always available through Geo Packaging.

****Note:** For film sizes between 21" and 36" Geo offers the G265 and G365 **PLUS** model printers, which do not contain the rotating head carriage. For information on these models, please contact Geo Packaging Systems.

PRINTER DIMENSIONS

