

PLUS3 METAL TAG PRINTER



The PLUS3 is an industrial laser printer for on-demand printing of metal tags for product traceability. The PLUS3 uses a fast, powerful 30 Watt CO₂ laser to create permanent marks on Pannier laser markable metal tags.

Coils of up to 1,000 pre-formed tags are loaded into the printer for automatic feeding into the laser printing area. Once tag data is received into the print queue, the printer automatically starts printing. Tags exit the machine and can be snapped off one at a time, in batches, or rewound on a recoiler for later use.

- Print text, graphics, bar codes, and 2D codes in just seconds
- No ink or ribbons to replace
- Software can run on a PC or a thin client on a network

METAL TAGS – THE TOUGH ALTERNATIVE TO LABELS

Pannier metal tags are widely used for product identification in the steel, aluminum, and automotive industries. Tags survive high heat up to 1800°F (1000°C), acids and cleaning solutions, lubricants, and prolonged exposure to sunlight, salt, and moisture.

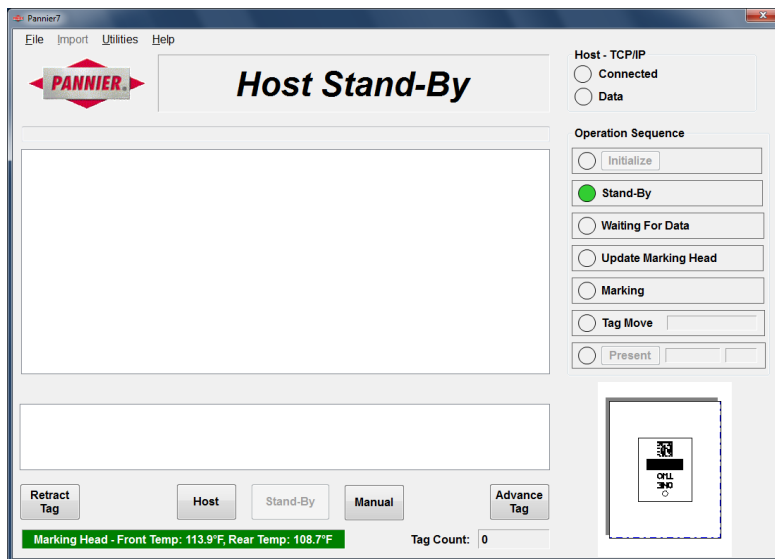


Fast Printing: The print time for the tag shown above is 7 seconds.

SPECIFICATIONS

Laser	30 Watt CO ₂ air-cooled Class 1 laser
Computer	Fanless PC with solid state hard drive, Windows® 10 Professional operating system, Mark-Cleer™ and Pannier7 operating software installed
Communications	Ethernet TCP/IP, Serial RS-232
Weight	120 lbs (54 kg)
Dimensions HxWxD	27" x 27" x 20.6" (69 x 69 x 52 cm)
Power Requirements	120VAC 50-60Hz 10A max. or 230VAC 50-60Hz 5A max.
Operating Environment	64°F to 95°F (18°C to 35°C) 20% to 80% non-condensing humidity
Standard Tag Width	3" (76 mm)
Bar Code and 2D Code Symbolologies	Standard codes including UPC, EAN, Code 39, Code 128, ITF (2 of 5), Code 93, PDF417, Data Matrix, and QR
Graphics & Fonts	Vector and raster images, stroke and TrueType fonts

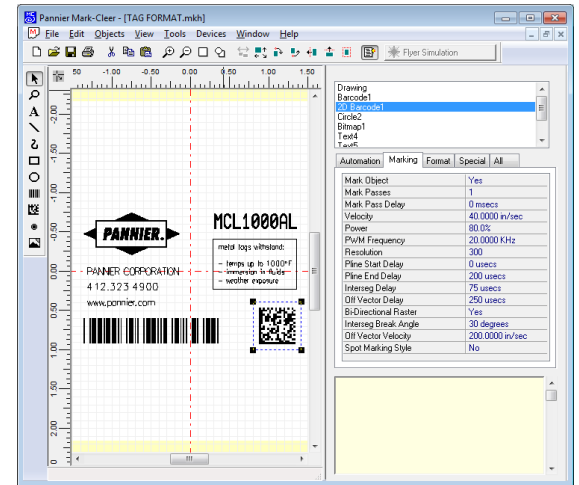
PANNIER7 OPERATING SOFTWARE



The included Pannier7 software makes it easy to monitor the printer status and jobs in the print queue. Send print jobs to the printer multiple ways:

- Create tags one at a time using the manual data entry screen
- Create files in CSV or Pannier's simple Universal Data Stream (UDS) format, then import manually or automatically from a network location
- Use as a network printer: send UDS data streams from a host computer via serial or Ethernet connection

TAG DESIGN



Tag formats are created with the Mark-Cleer® layout software. Easily create tag formats with fixed and variable text fields, logos and graphics, bar codes and 2D codes.

TAG FORMAT OPTIONS



Tags can be supplied in a wide variety of formats and configurations. For attaching tags to your product, they can be supplied with:

- Holes for attaching with ties, clips, or rivets
- Slots for sliding onto strapping or banding
- Permanent adhesive backing
- Bare edges for welding onto metals



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INDUSTRIAL MARKING SYSTEMS SINCE 1899

Dot Peen Systems
Ink Jet and Flexographic Printers
Laser Marking Systems
Steel Hand Stamps & Marking Dies
Tags, Labels, and Printers