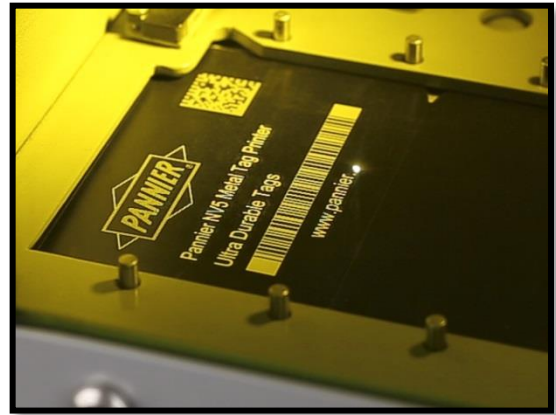


# NV5 METAL TAG PRINTER



*Tags move automatically through the laser printing chamber, where information is printed in seconds.*

The Pannier NV5 Metal Tag Printer is a fully automatic tag printing machine that prints information on durable anodized aluminum tags. The printer can use multiple pre-configured tag formats. Variable information to be printed can be received from a network data stream, a CSV file, or by manual data entry.

## OPERATION

Coils of up to 1,000 tags are loaded into the uncoiler for automatic feeding into the laser printing area. Tags can be advanced and retracted using the buttons on the screen. Once tags are in the proper printing position and data is received, the printer automatically starts printing tags. Tags exit the machine and can be snapped off one at a time, in batches, or rewound on a recoiler for later use.

Each tag only takes seconds to print with the powerful nanoVIS Vanadate laser. Tag formats can include text, logos and graphics, bar codes, and 2D codes printed in any orientation.

The complete NV5 tag printing system includes a laser, automatic tag feed system, PC, and software pre-configured for your tag production needs. A laser-safe window in the laser chamber allows the operator to view the printing operation safely. A separate fume extractor is used to keep the laser chamber clear of dust and fumes.

## ULTRA DURABLE TAGS

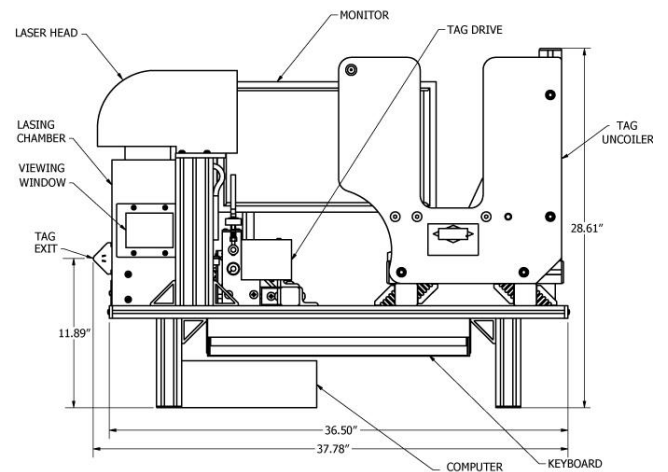
Pannier Ultra Durable anodized aluminum tags are the tag of choice for asset tagging and harsh industrial labeling applications. Tags are provided in coils and are pre-formed with a nick and notch so they can be easily snapped apart after printing.

- Tags are 3" wide and available in 1" to 5" lengths (in 1/8" increments)
- Available with adhesive backing or pre-made holes or slots
- Multi-part tags for inventory management



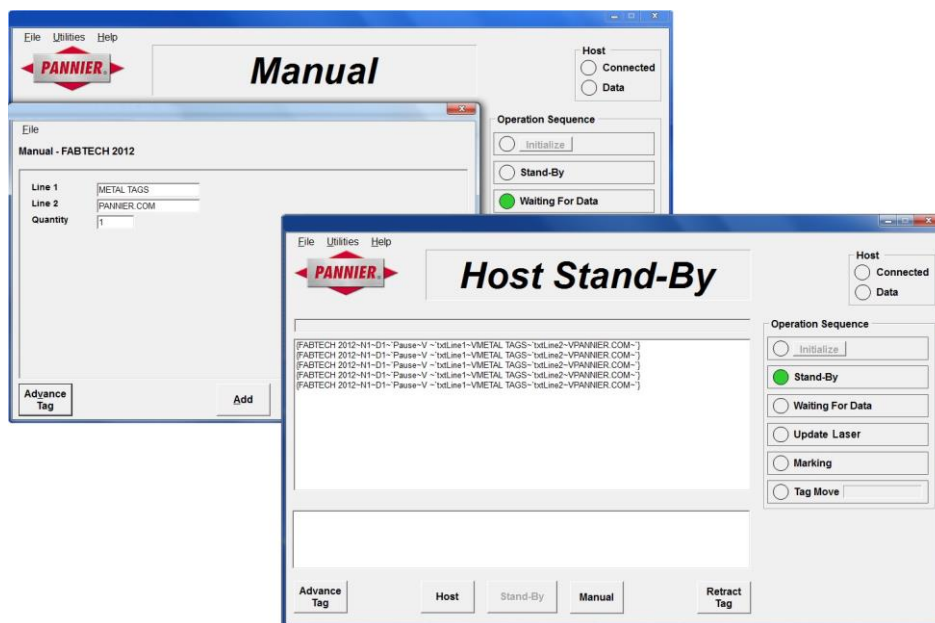
## SPECIFICATIONS

Laser Type	6 Watt Nd:YVO4 Q-switched Vanadate
Power Supply	120/230 VAC, 50/60 Hz, 850 watts
Operating Environment	59 to 95 F / 15 to 35 C 10 to 85% non-condensing humidity
Dimensions WxDxH	37" x 18.5" x 28.6"   927 x 470 x 727 mm (not including monitor)
Weight	144 lbs. (not including PC or fume extractor)
Communications	RS-232 Serial, Ethernet TCP/IP, network file transfer, manual file import, and manual data entry
Code Symbologies	Code 39, Code 93, Code128, EAN/UPC, PDF417, Data Matrix, QR
Graphics File Types	BMP, GIF, JPG, PNG, TGA, TIF
Max Marking Area	2.75" x 4.25"   70 x 108mm
Fonts	System fonts or any TrueType font



## SOFTWARE

The NV5 can be operated in Manual or Host mode. In Manual mode, fields on the screen are designed to your specific requirements, including automatic data validation to prevent data entry errors. The operator enters the data to be printed and the desired quantity of tags, then clicks Add to add the tag(s) to the print queue. In Host mode, the NV5 receives data to be printed in a formatted ASCII data stream from a host computer. The system can queue unlimited print jobs from the manual screen and host system.



- All data sent from the host is checked for errors and validated against the tag format parameters file.
- Incorrect host data streams are displayed in a separate queue on the main screen in red. Simply double-click a bad data stream in the queue to display the errors.
- When in Manual mode, host data streams continue to be captured and stored on disk until the operator switches back to Host mode.

Pannier Corporation

207 Sandusky Street, Pittsburgh, PA 15212 USA • sales@pannier.com • +1 412.323.4900

[www.pannier.com](http://www.pannier.com)