



Tag Generator Modules

Print and Present Tags for Automatic Attachment

Tag Generator modules are metal tag laser printers designed to be integrated into automated equipment to automatically identify metal products.

The **Coil Stock Tag Generator** is designed to print tags fed from a coil through the printer, typically applied to billets, blooms, beams blanks, as well as slabs and other long products. This printer is designed for programmable tag lengths and includes a pneumatic shear to cut the printed tag to length prior to handoff to the automated applicator equipment.

The **Preform Tag Generator** is designed to print and present magazine fed tags typically applied to slabs. It feeds one preformed tag at a time to the laser printer and presents the completed tag to the automated applicator equipment.



Coil Stock Tag Generator

	Minimum	Maximum
Tag Size Range	3" X 1.25" (76mm X 32mm)	4" X 14" (102mm X 356mm)
Cycle Time	~ 10 seconds	~ 80 seconds

Preform Tag Generator

Fixed Tag Size	3" X 14" (76mm X 356mm)
Cycle Time	~ 60 seconds

Tag Generator modules have many features making them ideal for automatic integration:

- Simple to download message data for the printers to create the finished tag and present it for handoff to the integrator's automated applicator equipment (robot or other).
- Built-in controller for tag printing and machine control. Neither a PLC nor PC is needed for operation.
- Motor driven tag stock while marking for high torque and speed.
- Suitable for full range of CO₂ lasers (10W-100W)
- 24VDC interface control logic.
- Ethernet or serial data interface.
- Tag drop mode for manual application if desired.
- 120 VAC or 220 VAC Power

