MAGNUS VLF LEADING EDGE PUNCH

TOKAN BETA SPECIFICATIONS

This document describes the specifications that are specific to the Lead Edge Punch option that will be installed at Tokan Printing as part of a beta program.

Product Description

- Magnus VLF's leading edge plate punching option provides a reliable fully automated internal punching solution for the leading edge of the imaged plates.

Specific Functions

- After imaging and unloading the plate from the drum, the Leading Edge Punch option automatically registers and punches the plate before ejecting it from the machine. The punch configuration is preconfigured and is assigned as the job is submitted from the workflow.

Features and Benefits

- Internal punching system.
- Fully automatic
- Configurable and expandable:
  - Supports most leading edge punch formats
  - Supports multiple press setups
  - Custom punch heads available
  - Expandable to up to 16 independent punch heads
  - Expandable to up to 32 press configurations
- Easy offline, external chip disposal system
- 720 plate chip capacity.

Prerequisites

- A Magnus VLF with Continuous Load ™ or MCU option.
- A minimum workstation of DELL PE2600 with 3G of RAM

Components

Standard Hardware:
- All system hardware necessary to support the Punches.
- Two press configurations will be supplied, to support the 900 x 1130 x 0.24 and 1050 x 1310 x 0.3 plates currently in use at Tokan Printing.

Standard Software:
- Print Console 4, Prinergy Evo 3, and all necessary device control software and firmware.

Documentation included:
- n/a

Training included:
- 4 hours of on-site operator training – error recovery.

Support included:
- The Punch option will receive full support as specified in the beta agreement.

Performance

Accuracy:	• +/- 25 um mainscan repeatability (same Magnus VLF) • +/- 200 um subscan repeatability (same Magnus VLF) • +/- 34 um mainscan absolute accuracy (between different Magnus VLF's) • +/- 200 um subscan absolute accuracy (between different Magnus VLFs)
PlateThroughput:	• The Magnus VLF with punch option will remain capable of the following throughput at Tokan Printing (21.7 pph for 900 x 1130 and 20.2 pph for 1050 x 1310 Fuji HP-F). Measured as per our standard throughput measurement procedure <insert link here>
Media Size:	• 900 x 1130 x 0.24 and 1050 x 1310 x 0.3
Media Type:	• Fuji HP-F

Options

Future expandability:	• Up to 16 punch heads • Up to 32 press configurations • Custom punch heads available
Environmental Conditions	• Compliance with *Magnus Site Preparation Guide*; 725-00032A
Regulatory Compliance	• ELECTRICAL/MECHANICAL: UL 60950-1, CSA 60950-1, EN 60950-1, EN60204-1, amended Low Voltage Directive 73/23/EEC, Machinery Directive 98/37/EC. • LASER SAFETY: CDRH 21 CFR 1040.10 and 1040.11, EN 60825-1 /IEC 60825-1 Class 1 Laser Product. • EMC (Pending): FCC Part 15 - Class A, EN 55011 / CISPR 11 - Class A, EN 61000-6-2, AS/NZS CISPR11, EMC Directive 89/366/EEC.

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