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# TRENDSETTER VLF AL OPTION SPECIFICATIONS

## Product Description

The Trendsetter® VLF Autoloader (AL) option adds plate-handling automation to the Trendsetter® VLF and Trendsetter® VLF Quantum. It is designed to provide modular low cost automation for the Trendsetter VLF products as both a factory installed or field upgradeable option.

## Features and Benefits

- Automatic plate loading and unloading
- Manual plate loading and unloading (manual mode)
- Manual film load and unloading (requires film option, in manual mode only)
- Slip sheet removal
- Online feed to processing line

## Prerequisites

- Any Trendsetter VLF output device (B001 – B019 excluded). Refer to the appropriate *Trendsetter VLF Specification* (72-3715 or 72-3716).
- Autoloader specific prerequisites can be found in the *Trendsetter VLF AL Site Preparation & Requirements* document (73-3319).

## Available Configurations

The six configurations listed below can be configured to operate either left to right or right to left, as viewed by the operator.

- Single Cassette Unit with Straight Conveyor
- Single Cassette Unit with L-Conveyor
- Single Cassette Unit with Rotating Straight Conveyor
- Multiple Cassette Unit with Straight Conveyor
- Multiple Cassette Unit with L-Conveyor
- Multiple Cassette Unit with Rotating Straight Conveyor

## Components

Standard Hardware:

- Cassette Unit (single or multiple)
- Conveyor (straight, L-type, or rotating straight)
- Manual Bypass functionality

Standard Software:

- Print Console version 2.2

Documentation Included:

- Trendsetter VLF AL Operator Manual

Training Included:

- On site operator training for one person. Participants must be familiar with the Microsoft Windows operating system.

## Options

Optional Hardware:

- Short cassette cart: 1372mm x 1701mm [54" x 67"] – SCU only
- Long cassette cart: 1498mm x 2032mm [59" x 80"] – SCU only
- Slip Sheet Removal Unit (SSR)
- Electronic processor interface

## Input

Cassette Capacity

- 50 plates, each 0.305 mm [0.012”], with slip sheets.

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|---|---|
| Multiple Cassette Unit Capacity | • 4 cassettes in drawers. Each cassette 1498mm x 2032 mm [59" x 80"] (200 plates maximum). |
| Media Size[1] | • Maximum: 1473mm x 2032mm [58" x 80"]<br>• Minimum: 508mm x 394mm [20" x 15.5"] |
| Media Thickness | • 0.203 mm to 0.508 mm [0.008" to 0.020"] |
| Media Type | • Thermal IR-sensitive aluminum plate, 830 nm (see media specifications) |

## Output

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|---|---|
| Processor Connection | • Connects to a customer-supplied inline processor or plate-stacker<br>• Adjustable output height from 864 mm [34"] to 940 mm [37"] |

## Performance

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|---|---|
| Non-imaging Time[2] | • 110 sec |

## Environmental Conditions

- Temperature 17ºC- 30ºC [63ºF-86ºF]
- Humidity 20% - 70% RH, non-condensing

## Electrical Requirements

| | |
|---|---|
| Rating | • 200-240VAC, 20 amps, 50/60 Hz, single phase branch circuit[3] |
| Peak Current Draw[4] | • 10.4A, 1594W (240V@50Hz)<br>• 9.5A, 1520W (240V@60Hz) |

## Compressed Air Requirements

- 570L/min@620-830kPa [20SCFM@120 psig]

## Equipment Dimensions and Mass (Weight)

- See the *Trendsetter VLF Autoloader Site Preparation & Requirements* document (73-3319)

## Regulatory Compliance

ELECTRICAL/MECHANICAL: UL 1950, CSA 950, EN 60950, EN 60204-1, 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: FCC Part 15 - Class A, EN 55022 / CISPR - 22 - Class A, EN 50082-2, EN 61000-3-3, Class A ITE (Japan, V CCI certification), AS/NZS 3548, EMC Directive 89/366/EEC

[1] Plate dimension format: [around drum diameter x along drum axis]
[2] Non-imaging time is from the end of imaging one plate to the beginning of imaging the next (of identical size).
[3] Includes Trendsetter VLF and Autoloader options on single branch circuit.
[4] Trendsetter VLF + MCU + SSR + Thermal Head 1.0 imaging