AUTOLOADER SPECIFICATIONS FOR TRENDSETTER III

Specification in addition to Trendsetter 800 III Quantum (707-00562) or Trendsetter 800 III (707-00561) or Trendsetter 400 III Quantum (707-00563)

Product description

The Autoloader option adds plate-handling automation to the Kodak® Trendsetter® 800 III, Trendsetter 800 III Quantum, and Trendsetter 400 III Quantum devices.

Features and benefits

- Automatic plate picking, loading, imaging and unloading to a processor or plate stacker
- Bay with plate stack that allows for unattended operation
- Automatic plate rotation available on Trendsetter 800 III, Trendsetter 800 III Quantum, and Trendsetter 400 III Quantum models
- Manual bypass feature

Prerequisites

- Trendsetter 800 III, Trendsetter 800 III Quantum, or Trendsetter 400 III Quantum device
- Compliance with *Trendsetter Autoloader Site Preparation Guide* (707-00567)

Components

Standard hardware:

- Plate bay with automatic picker
- Automatic unload table to processor or plate stacker

Optional hardware:

- Plate rotator on unload table

Documentation:

- *Trendsetter Autoloader Visual Reference Guide* (653-01285)
- *Trendsetter Output Devices Safety Guide* (761-00029)

Input

Media size (maximum/minimum)

- Around-drum circumference:
  838 mm (33 in.) maximum, 394 mm (15.5 in.) minimum
- Along-drum axis:
  - Trendsetter 800 III: 1118 mm (44 in.) maximum, 289 mm (11.4 in.) minimum
  - Trendsetter 400 III: 990 mm (39 in.) maximum, 289 mm (11.4 in.) minimum

Manual bypass only

- Around-drum circumference: 304 mm (12 in.) minimum
- Along-drum axis: 215 mm (8.5 in.) minimum

Output

Processor/plate stacker connection

- Connects to processor or plate stacker
- Adjustable output height 910-985 mm (36-39 in.)

Specific functions

Automatic loading

- A plate stack 12.2-mm (0.48 in.) thick[1] of one size is loaded into the plate bay without slip sheets

	• Plates are picked and loaded as required
Automatic unloading	• Plates are released on the Trendsetter's unload table and fed to a processor or plate stacker while the next plate is being imaged. • An optional plate rotator on the unload table rotates the plate 90 degrees to present the shortest edge to the processor.
Processor interface	• Monitors the status signals of processor if provided by the processor • The processor must meet the requirements of the Processor Interface Specifications (719-00694).
Manual loading and unloading	• Media is loaded in single sheets without disturbing existing media in plate bay. • Media is unloaded automatically to the unload table or up the front of the Autoloader for operator removal, depending on media type.

Performance

Throughput[2]	• Trendsetter 800 III:
	  • S-speed: 16 plates per hour
	  • F-speed: 24 plates per hour
	  • V-speed: 34 plates per hour
	  • X-speed: 42 plates[3] per hour
	• Trendsetter 400 III:
	  • S-speed: 22 plates per hour
	  • F-speed: 33 plates per hour
	  • V-speed: 50 plates per hour

Noise emissions	The Trendsetter output device has been designed, tested, and evaluated for compliance with the maximum noise emission limit permitted for a light industrial environment—80 dB(A). Noise emissions from the Trendsetter output device will not exceed 74 dB(A) when tested in accordance with EN ISO 7779:2001, Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment.
Equipment dimensions	• Width 2830 mm (111.4 in.) • Depth 1834 mm (72.2 in.) with rotator 1248 mm (49.1 in.) without rotator • Height 2110 mm (83 in.) with rotator[4] 1805 mm (71 in.) without rotator
Equipment weight	680 kg (1500 lb.)

1. This translates to 40 -305 µ (0.012 in.) plates, 60 -200 µ (0.008 in.) plates, or 80 -150 µ (0.006 in.) plates.
2. Imaging time is based on a 1030-mm (40.5-in.) plate for Trendsetter 800 III and 724-mm (28.5-in.) for Trendsetter 400 III with a media sensitivity of 120 mJ per cm2. Imaging time is dependent on media sensitivity.
3. Media thickness is limited to 0.20 mm to 0.30 mm (0.008 in. to 0.012 in.) for X-speed imaging.
4. The height is specified to the top of the unload table in the raised position.

Regulatory compliance

- ELECTRICAL/MECHANICAL: CSA 60950-1, UL 60950-1, EN 60950-1, EN 60204-1, Low Voltage Directive 73/23/EEC, Directive of Machinery 98/37/EC
- LASER SAFETY: CDRH 21 CFR 1040.10, EN 60825-1 (Class 1 Laser Product)
- EMC: FCC Part 15, (Class A), EN 55022/CISPR-22 (Class A), EN 55024, EN 61000-3-3, Directive of Electromagnetic Compatibility 2004/108/EC