KODAK REMANUFACTURED SOLUTIONS AUTOLOADER SPECIFICATIONS FOR KRS TRENDSETTER II

Specification in addition to KRS Trendsetter 800 II Quantum (707-00677) or KRS Trendsetter 400 II Quantum (707-00678)

Product description

The Kodak® Remanufactured Solutions (KRS) Autoloader option adds plate-handling automation to the KRS Trendsetter® 800 II Quantum and KRS Trendsetter 400 II Quantum platesetters.

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 (KRS Trendsetter 800 II Quantum only)
- Manual bypass feature

Prerequisites

- KRS Trendsetter 800 II Quantum or KRS Trendsetter 400 II Quantum
- Compliance with *Trendsetter Autoloader Site Preparation Guide* (707-00304)

Components

Standard hardware:

- Plate bay with automatic picker
- Automatic unload table to processor or plate stacker
- Plate rotator on unload table (KRS Trendsetter 800 II Quantum only)

Documentation:

- *Trendsetter Autoloader Operator Guide* (653-00120)
- *Trendsetter Autoloader Visual Quick Reference Guide* (653-00826)

Input

Media size (maximum/minimum)

- Around-drum circumference:
  838 mm (33 in.) maximum[1], 394 mm (15.5 in.) minimum
- Along-drum axis:
  - KRS Trendsetter 800 II Quantum:
    1118 mm (44 in.) maximum, 508 mm (20 in.) minimum
  - KRS Trendsetter 400 II Quantum:
    762 mm (30 in.) maximum[1], 508 mm (20 in.) minimum

Manual bypass only

- Around-drum circumference: 305 mm (12 in.) minimum
- Along-drum axis: 229 mm (9 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[2] of one size is loaded into the plate bay without slip sheets

1. For KRS Trendsetter 400 II devices, this applies to portrait-mounted media only. For landscape-mounted media, the maximum media size is 762 mm (30 in.) around-drum circumference and 838 mm (33 in.) along-drum axis.

	• 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. • KRS Trendsetter 800 II models include a plate rotator on the unload table that 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[3]	• KRS Trendsetter 800 II Quantum:
	  • S-speed: 16 plates per hour
	  • F-speed: 24 plates per hour
	  • V-speed: 34 plates per hour
	• KRS Trendsetter 400 II Quantum:
	  • V-speed: 43 plates per hour

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.)
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)

2. 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.
3. Imaging time is based on 1030-mm (40.5-in.) plate for KRS Trendsetter 800 II and 724-mm (28.5-in.) for KRS Trendsetter 400 II with a media sensitivity of 120 mJ per cm2. Imaging time is dependent on media sensitivity.
4. The height is specified to the top of the unload table in the raised position.

- 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