	MARATHON		CURATOR
	HEDS M4230	HEDS M4240	HEDS C2740
Speed B&W (A4 Landscape)	200 ppm (300 dpi)	240 ppm (400 dpi)	*150 ppm (400 dpi)
Speed Color (A4 Landscape)	200 ppm (300 dpi)	240 ppm (400 dpi)	*150 ppm (400 dpi)
Automatic Document Feeder	350 sheets + continuous feeding		None
Duty Cycle	No limit		
Format	A3		28", 711 mm
Capture	Color, Grayscale, and Black & White		
Optical Resolution	300 dpi	400 dpi	
Max document Length	23.5" (596 mm)		28" (711 mm)
Max document Width	12.3" (312 mm)	12.5" (317.5 mm)	
Connection(s)	USB 3.0		
Interface	BAPis		
Footprint (L x W x H)	62 x 27.5 x 15.7 inches (1600 x 700 x 400 mm)		
Weight	242 lbs (110 kg)		176 lbs (80 kg)
Electrical Characteristics	110-240V 50/60Hz 3.63 A 400 W		
Software Included	Web: Device driver, User utility, Demo test utility, ScanGrabber with OCR Engine, DICE test target with OpenDICE and AutoSFR		
Feeding	Left-justified feeding		
Document Size	A3 -A7		28", 711 mm - A8
Paper Thickness and Weight	55 g/m2 - 150 g/m2		25 g/m2 - 500 g/m2
Multi-Feed Detection	Ultrasonic		
Illumination	White LEDs		
FILE FORMAT OUTPUT Direct From Scanner	Uncompressed color TIFF and BMP (hand fed),JPEG (color, grayscale),TIFF Group IV (black and white) & JPEG2000 (optional)		
FILE FORMAT OUTPUT Post Processing	PDF, PDF/A, OCR		
Pre-Image processing	Laser Barcode Reader (Document separator, endorser, labeling, numbering)		
Ink Jet Printer (Optional)	Pre or Post image		
On scanner processing	15+ functions, Deskew, Border removal, Rotate, Color, Tone and Noise Corrections CUSTOM FUNCTION DEVELOPMENT available upon request*		

*The actual throughput speed is the result of the state of documents plus the agility of the operator. As an average, we suggest considering 60 ppm.
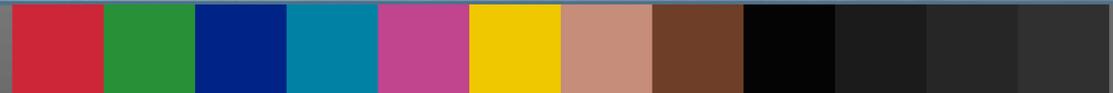
BUSERDi®
El poder del documento

HIGH END DOCUMENT SCANNERS

When Quality Meets Production

QUALITY

Product Advantages:

The Buserdi service bureau has more than 18 years of document scanning field experience. In the past, it was acceptable to scan various paper documents using subjective quality assurance criteria. With our newest line of production document scanners, we at Buserdi have decided to abide by the strict, objective metrics derived from international guidelines and best practices to qualify our exceptional image quality.

By evaluating our line of High-End Document Scanners (HEDS) using the Federal Agencies Digital Guidelines Initiative (FADGI), a US-based interagency government effort, and METAMORFOZE, a venture between the National Library and National Archive of the Netherlands, we are able to reliably capture images that are a more accurate representation of the original source material, instead of the enhanced images seen in most document scanners on the market today.

CURATOR DESCRIPTION

Assessed by third party imaging analysis software, the CURATOR is able to meet the FADGI-3-star requirements at both 300 dpi and 400 dpi. It is capable of outputting uncompressed color TIFF & JPEG2000 master files, as well as compressed JPEG (color or grayscale) and TIFF Group IV (black and white) as a derivative.

The CURATOR scanner was designed to be hand-fed by the operator to better protect documents at high scan speeds. This is a less invasive approach to document scanning because it eliminates the pressure and friction placed on the paper by the rollers and belts in automatic document feeders.

We have released an optional function for increased document protection. In most traditional feed scanners, a document will be grabbed and flipped to ensure the pages remain in the same order. However, this does not allow safe scanning for thick and rigid items such as cardboard folders, thick advertisements, glossy pictures, test targets, and fragile documents. The Curator's straight path throughput function can scan these type of documents on its conveyer belt without ever turning the page over.

By combining the vacuum Open Track with a 2.5" clearance and the straight path throughput function, CURATOR can scan very thick and rigid items as well as very thin or lightweight documents, such as onion skin and yellow pages. The Curator has an unparalleled acceptance weight that ranges from 30 grams to 500 grams in the same batch scan.

CURATOR C2740

- **FADGI 3 Star** compliance at resolutions up to 400 dpi (max.150 ppm throughput)
- Efficiently feed documents by hand
- Vacuum driven, **Open Track** transport for best document handling
- Straight through **duplex scanning**
- Pre or post scan **page number printing** (front)
- **Real-time barcode** recognition (laser)
- Optional **straight path page stacking** for fragile or thick documents that can't be turned

- Automatic Document Feeding System
- Max. Speed at 4" Feed Gap: **200ppm** (300dpi) M4230
- Max. Speed at 2" Feed Gap: **240ppm** (300dpi) M4240
- Vacuum driven, **Open Track** transport for safest document handling
- Pre or post scan **page number printing** (front)
- **Real-time barcode** recognition (laser), prior to image acquisition

MARATHON M4230 / M4240

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The MARATHON FOCUS is designed for **high-volume digitization** projects. FADGI 3 Star compliance is met at the system level. Nonetheless, JPEG lossy compressed images comply with more than 90% of FADGI criteria, where the remaining 10% is within +- 5% of the required range, delivering exceptional image quality in a compressed image. This creates images that are capable of high accuracy OCR and a faithful copy of the original material. **FADGI metrics with a high rate compression is the best of both worlds!** Governments, service bureaus, companies, and other various organizations can produce millions of exceptional document scans with minimal storage space.

* Transition To Electronic Records (OMB/NARA M-19-21)
After December 31, 2022, The National Archives and Records Administration will no longer accept new transfers of analog records for storage by the Federal Records Centers.
Program Goal: Transition the government to electronic records and stop the flow of analog material into the National Archives, relying on FADGI as one of the sources.

FA DGI

ISO 19264-1

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