

CUSTOMIZABLE.
SCALABLE.
UNSTOPPABLE.



The **ibml FUSiON HD™ Series**

ibml FUSiON HD 8200:

Mission Critical Scanning with Basic Intelligence

ibml FUSiON HD 8300:

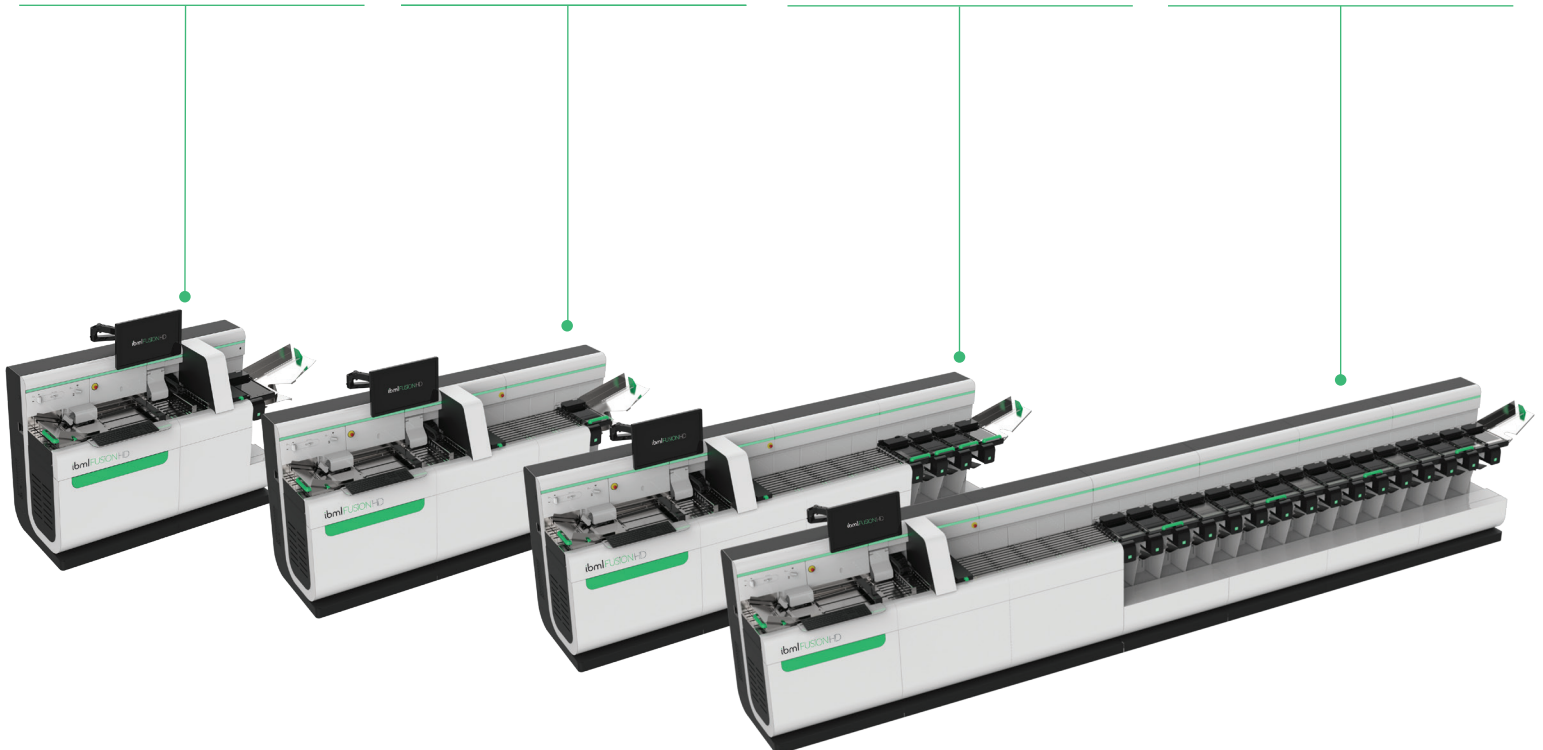
Standard in-line intelligence

ibml FUSiON HD 8400:

Sophisticated transactional processing

ibml FUSiON HD 8700:

Complex out-sorting



RATED THROUGHPUT SPEEDS					
MODEL 8200/8300/8400/8700	RESOLUTION DPI	US LETTER PAGES/MINUTE	A4 PAGES/MINUTE	CHECKS PAGES/MINUTE	A6 PAGES/MINUTE
21 ips	600	120	122	157	205
48 ips	400	274	280	360	469
55 ips Standard	300	314	321	412	537
83 ips Option	300	474	484	622	811
125 ips Option (not available on the 8200)	200	715	730	937	1221

US Letter, A4, A6 Rated Throughput Speeds in Landscape Orientation with a 2" Gap* - Docs/Minute. Checks (6" x 2 3/4") Rated Throughput Speeds in Portrait Orientation with a 2" Gap*.

	8300/8400/8700	8200
MAXIMUM DOCUMENT SIZE	13" x 17"	
MINIMUM DOCUMENT SIZE	2.5" x 2.5"	
PAPER THICKNESS AND WEIGHT	Standard feeder 45 g/m2 to 200 g/m2; rice paper to card stock 13" x 33"	
DOCUMENT FEEDER CAPACITY	1500+ sheets (20 lb Bond)	
OPTIONAL MAXIMUM DOCUMENT SIZE	200 / 300 DPI - 13"x 33", 400 DPI - 13" x 30", 600 DPI - 13"x 20"	N/A
STANDARD SORT TRAY CAPACITY	1500 sheets (20 lb Bond)	
MAXIMUM NUMBER OF SORT POCKETS	24	1

OPTIONAL SCANNER FEATURES			
	8300/8400/8700	8200	
HARDWARE	Barcode Reader	Yes	
	Inkjet Printer, Single head	Yes, pre or post-image	Pre-Image, Post image only with stacker pocket
	Inkjet Printer, Multi-head	Yes, pre or post-image	Pre-image only
	E13B MICR	Yes, Top or Bottom side	
	CMC7 MICR	Yes, Top or Bottom side	
	Envelope Detection w/DocNetics	Yes. Use envelopes for document separation while you continue to detect multi-feed for all other documents.	
	Sort Pockets	Max number of pockets is 24. A combination of pockets styles are available with full sort capabilities that support a wide range of document sizes	Single Pocket with Run-out tray or Single stacker pocket
SOFTWARE	ibml Capture Suite	Yes, with optional Voice Synthesiser	
	DocNetics Suite	Yes	Yes, when the barcode is only on top 3" of the document

FEATURES		
MULTI-FEED DETECTION	Mechanical and Full-Page Width Ultrasonic Detection	
VISUAL PAPER JAM LOCATOR	LED Strip	
COLOR TOUCH SCREEN CONTROL	Operator control via 24" wide screen color LCD panel touch screen	
ILLUMINATION	Dual LED illumination patented technology	
FILE FORMAT OUTPUT	JPEG (color/gray scale images); TIFF (black and white images); PNG; JPEG 2000	
IMAGE PROCESSING	iQPro Adaptive Thresholding; Dynamic Background Balancing; Auto crop; Auto-Deskew; Image Rotation; Multi-image Output; Multi-Color Dropout, sRGB Color Space Support, etc.	
IMAGE QUALITY STANDARD	FADGI three star Verification for 200 DPI, 300 DPI and 400 DPI images at rated throughput	
ENVIRONMENTAL FACTORS	RoHS Compliant	
ACOUSTICAL NOISE	Operating mode 77.4db (A)	
HEAT DISSIPATION	6,000 to 15,000 BTUs/hour	
OPERATING HUMIDITY	20% to 80% non-condensing (percent relative humidity)	
OPERATING TEMPERATURE	50 to 90 degrees (F), 10 to 32 degrees(C)	
SHIPPING/STORAGE TEMPERATURE	-22 to 140 degrees (F), -30 to 60 degrees (C)	
ALTITUDE	Sea level to 10,000 ft (3,048 M)	
ELECTRICAL REQUIREMENTS	United States/Canada: 120 VAC, 15A, 60 Hz (3-Frames max); 208V~, 2 Wire + GND25A 50/60 Hz (15 pockets max); 3 Phase, 120/208VAC, 25A,50/60Hz, 3 Wire + N + PE (24 pockets max). Units shipped with a Walther 230509 Plug. European Union: 220 VAC, 1 Wire - Single Phase, 10A, 50/60 Hz (3-Frames max); 230V~, 1 Wire + PE (single phase) 25A 50/60 Hz (15 pockets max); 3 Phase, 400V, 25A, 50Hz, 50/60Hz, 3 Wire + N + PE (24 pockets max) - Units shipped with Walther 230 Plug. Japan: 200 VAC, 2 Wire + Ground, 10A, 50/60 Hz (3-Frames max); 200V~, 2 Wire + GND25A 50/60 Hz (15 pockets max) US Sites - Units shipped with power cord and NEMA 5-15 Plug (120 VAC) or NEMA #L6-30 connector (208-240V) Non US sites - Power cable supplied by customer to meet local electrical code	United States: 120 VAC, 15A, 60 Hz; 208V~, 2 Wire + GND25A 50/60 Hz. European Union: 220 VAC, 1 Wire - Single Phase, 10A, 50/60 Hz; 230V~, 1 Wire + PE (single phase) 25A 50/60 Hz. Japan: 200 VAC, 2 Wire + Ground, 10A, 50/60 Hz; 200V~, 2 Wire + GND25A 50/60 Hz US Sites - Units shipped with 15 ft power cord and NEMA 5-15 Plug (120 VAC) or NEMA #L6-30 connector (208-240V) Non US sites - Power cable supplied by customer to meet local electrical code
MACHINE DIMENSIONS	Width: 29 inches; Length: 141 inches; Height: 50 inches Dimensions are for a 4 frame scanner; additional frames will vary the length. Monitor and run-out tray excluded.	Width: 29 inches; Length: 69 inches; Height: 50 inches Monitor and run-out tray excluded.
WEIGHT	3-Frame (4 pocket) 995 lbs**; 4-Frame (4 pocket) 1241 lbs**; 7-Frame (16 pockets) 2231 lbs**	695 lbs
HOST	Embedded Application Controller	

CERTIFICATIONS	
SAFETY	Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements [UL 62368-1:2014 Ed.2] & (R2019) [CSA C22.2#62368-1:2014 Ed.2], IEC 60950-1:2005/AMD2:2013, (2014/35/EU (LVD), EN 62368-1:2014, EN 62311:2008, EN 62471:2006)
EMISSIONS	47 CFR, Part 15B:2018, §15.107 and §15.109, Class A ICES-003, Issue 6 Update 2017 CISPR 32:2015 Class A VCCI 32-1:2016 / CISPR 35:2016 Ed.1 IEC 61000-3-2:2013 / IEC 61000-3-3:2012 CISPR 24:2015 IEC 61000-4-2:2008 IEC 61000-4-3:2006;+A1:2007;+A2:2010 IEC 61000-4-4:2004 IEC 61000-4-5:2005 IEC 61000-4-6:2008 IEC 61000-4-11:2004 (2014/30/EU (EMC), EN 55024:2010, EN 55032:2013, EN61000-3-2: 2014, EN 61000-3-3: 2013)

Specifications are subject to change without notice.
 * Minimum gap and throughput will vary based on the specific application processing requirements.
 ** Optional modules will increase the weight - contact your ibml representative for option weights.