

# OXBOW B650

A3 Multi Function Printer

Up to 65 ppm

**oxbow**

# OXBOW B650

## Specifications

### 1 Enhanced Features

- PDF enhancements LK-102v3
- OCR text recognition LK-105v4
- Barcode fonts LK-106
- Unicode fonts LK-107
- OCR A and B fonts LK-108
- Document converter pack LK-110v2
- ThinPrint® client LK-111
- Serverless pull printing LK-114
- Trusted Platform Module LK-115v2
- Antivirus LK-116
- FOIP activation LK-117



### 2 Connectivity

- Fax board FK-514 x2
- Wireless LAN UK-221
- USB I/F kit EK-608 OR
- USB I/F kit EK-609 OR
- Biometric authentication AU-102 OR
- ID card reader
- Mount kit MK-735

### 3 Others

- Working table WT-506
- 10-Key pad KP-102
- Security kit SC-509
- Replacement SSD EM-908
- Keyboard holder KH-102
- Air cleaning unit CU-102

### 4 Media Input

- Intelligent media sensor IM-102
- 1 x Universal tray PC-116 OR
- 2 x Universal tray PC-216 OR
- Large capacity tray PC-416 OR
- Large capacity tray PC-417 OR
- Copier desk DK-516x
- Large capacity tray LU-302 OR
- Large capacity tray LU-207
- Banner tray BT-C1e

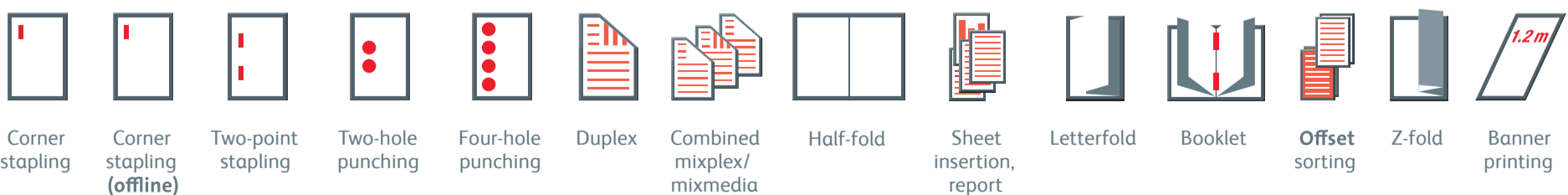
### 5 Media output

- Output tray OT-513 OR
- Staple finisher FS-539 OR
- Relay unit RU-513 OR
- Booklet finisher FS-539SD OR
- Relay unit RU-513
- Punch kit for FS-539/SD PK-524
- Staple finisher FS-540 OR
- Relay unit RU-513 OR
- Booklet finisher FS-540SD OR
- Relay unit RU-513
- Punch kit for FS-540/SD PK-526
- Post inserter for FS-540/SD PI-507 OR
- Job separator for FS-540/SD JS-602
- Z-fold unit for FS-540/SD ZU-609

#### legend

- Mandatory option
- Option
- This option can only be installed with the respective option above it

## Finishing functionalities



Corner stapling

Corner stapling (offline)

Two-point stapling

Two-hole punching

Four-hole punching

Duplex

Combined mixplex/mixmedia

Half-fold

Sheet insertion, report

Letterfold

Booklet

Offset sorting

Z-fold

Banner printing

# OXBOW B650

## Specifications

### ENHANCED FEATURES

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-114 Serverless pull printing	Secure and Follow Me printing solution requiring no server application
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit

### CONNECTIVITY

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
AU-102 Biometric authentication	Finger vein scanner
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

### OTHERS

WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For use instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 Replacement SSD	1 TB SSD to increase storage space
KH-102 Keyboard holder	To place USB keyboard
CU-102 Air cleaning unit	Improving indoor air quality by reduced emission

### MEDIA INPUT

IM-102 Intelligent media sensor	Autodetects paper weight and type
PC-116 1x Universal tray	500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
PC-216 2x Universal tray	2x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets, A4, 52–256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets, A5–A4, 52–256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets, A4, 52–256 g/m <sup>2</sup>
LU-207 Large capacity tray	2,500 sheets, A4–SRA3, 52–256 g/m <sup>2</sup>
BT-C1e Banner tray	Multipage banner feeding
DK-516x Copier desk	Provides storage space for print media and other materials

### MEDIA OUTPUT

OT-513 Output tray	Output tray used instead of finisher
FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
FS-540 Staple finisher	100 sheets stapling; 3,200 sheets max. output
FS-540SD Booklet finisher	100 sheets stapling; 20 sheets booklet finisher; 2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/4 hole punching; autoswitching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
JS-602 Job separator for FS-540/SD	Separation of fax output; etc.
PI-507 Post inserter for FS-540/SD	Cover insertion; post finishing
ZU-609 Z-fold unit for FS-540/SD	Z-fold for A3 prints

## Technical specifications

### SYSTEM SPECIFICATIONS

System speed A4	Up to 65 ppm
System speed A3	Up to 32 ppm
Autoduplex speed A4	Up to 65 ppm
1st page out time A4	2.8 sec.
Warm-up time	Approx. 15 sec. <sup>1</sup>
Imaging technology	Laser
Toner technology	HD polymerised toner
Panel size/resolution	10.1" / 1024 x 600
System memory	8,192 MB (standard/max)
System hard drive	256 GB SSD (standard) / 1 TB SSD (optional)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S)
Automatic document feeder	Up to 300 originals; A6–A3; 35–210 g/m <sup>2</sup> ; Dualscan ADF
ADF double feed detection	Standard
Printable paper size	A6–SRA3; customized paper sizes, banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m <sup>2</sup>
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max)
Paper tray input (standard)	1x 500; A6–A3; custom sizes; 52–256 g/m <sup>2</sup> 1x 500; A5–SRA3; custom sizes; 52–256 g/m <sup>2</sup>
Paper tray input (optional)	1x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> 2x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> 1x 2,500 sheets; A4; 52–256 g/m <sup>2</sup> 1x 1,500 + 1x 1,000 sheets; A5–A4; 52–256 g/m <sup>2</sup>

### SYSTEM SPECIFICATIONS

Large capacity tray (optional)	1x 3,000; A4; 52–256 g/m <sup>2</sup> 1x 2,500; A4–SRA3; custom sizes; 52–256 g/m <sup>2</sup>
Manual bypass	150 sheets; A6–SRA3; custom sizes, banner; 60–300 g/m <sup>2</sup>
Finishing modes (optional)	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold
Automatic duplexing	A6–SRA3; 52–256 g/m <sup>2</sup>
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max)
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m <sup>2</sup> )
Stapling output capacity	Max. 200 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 50 sets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m <sup>2</sup> )
Booklet output capacity	Max. 35 booklets; unlimited (without tray)
Duty cycle (monthly)	Rec. 53,000 pages; Max. <sup>2</sup> 200,000 pages
Toner lifetime	Black up to 24,000 pages
Imaging unit lifetime	Black up to 260,000/1,000,000 pages (drum/developer)
Power consumption	220–240 V / 50/60 Hz; Less than 2.00 kW
System dimension (W x D x H)	615 x 688 x 961 mm (without options)
System weight	Approx. 98.0 kg (without options)

**PRINTER SPECIFICATIONS**

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Page description language	PostScript 3 (CPSI 3016); PCL 6 (XL3.0); PCL 5c; XPS
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Linux
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); ineoPRINT (iOS/Android/Windows 10 Mobile); Mobile Authentication and Pairing (iOS/Android) optional: WiFi Direct

**SCANNER SPECIFICATIONS**

Scan speed	Up to 140/140 ipm in simplex (mono/colour) Up to 280/280 ipm in duplex (mono/colour)
Scan resolution	Up to 600 x 600 dpi
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

**COPIER SPECIFICATIONS**

Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	Max. A3
Magnification	25–400 % in 0.1 % steps; Auto-zooming

**FAX SPECIFICATION**

Fax standard	Super G3 (optional)
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,000 single + 100 groups

**USER BOX SPECIFICATIONS**

Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication); Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

**SYSTEM FEATURES**

Security	SO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Hard drive overwrite; Hard drive data encryption (AES 256); Confidential fax; Print user data encryption optional: Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard; Password Copy)
Accounting	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Authentication by mobile device (Android) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader); Authentication by mobile device (iOS)
Software	store+find (opt.); convert+share (opt.); Device Manager; Box Operator; Data Administrator (user accounts & cost centres); Card solutions (opt.); EveryonePrint (opt.)

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage

<sup>2</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

All specifications refer to A4-size paper of 80 g/m<sup>2</sup> quality. The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations. The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity. Specifications and accessories are based on the information available at the time of printing and are subject to change without notice. Konica Minolta does not warrant that any specifications mentioned will be error-free. All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

