



KONICA MINOLTA

AccurioPress C83hc DATASHEET

- ✓ Colour SRA3+ digital press
- ✓ Up to 4,399 pages per hour

With the new AccurioPress C83hc it is easier to travel between the two worlds of CMYK and RGB to reproduce whatever your customers is expecting. It reproduces a larger portion of the sRGB gamut than ever before. On top of the standard printed products, print houses can differentiate by providing more vivid prints and increase their own portfolio. With the highest media flexibility and professional modular finishing, this is the perfect solution for any kind of print provider.



AccurioPress
C83hc

COLOUR PRODUCTION PRINTING SYSTEM

YOUR ADVANTAGES WITH AccurioPress C83hc

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming and 35-sheet booklets with optional creasing, slitting and spine corner forming
- 102 sheets auto ring binding
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- For more profit in the print room

DURABLE PERFORMANCE

- AccurioPress C83hc
- Up to 81 A4 pages per minute
- Up to 39 SRA3 pages per minute
- Up to 4,399 A4 pages per hour
- Up to 2,113 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Registration-swing mechanism for accurate duplex registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 for producing high quality SquareBack™ books
- Plockmatic SD-500/SD-350 booklet maker with square fold
- For higher flexibility
- For more sophisticated print products



GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Large stacking
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Robust and powerful despite the compact, lightweight body with fewer parts
- Reduced power consumption with Simitri® HD E toner
- Industry-leading usage ratio of recycled PC and PET
- For reduced environmental impact
- Improved efficiency based on green values



HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFI®, CREO® or proprietary Konica Minolta controller
- Integration into hybrid workflows
- For intuitive operation
- To save time and money

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for more important jobs
- Open API/IWS support

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 15,390 sheets paper input capacity
- Up to 11 paper input trays
- For enhanced overall productivity
- Banner size up to 1,300 x 330 mm
- Envelope printing support
- Banner duplex printing up to 762 x 330 mm

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 gsm paper weight in simplex & duplex printing
- Envelope printing support
- Reliable thin paper feeding through air blow fusing separation
- Mechanical decurling
- Optional inter-cooler curl eliminator
- For highly flexible print products
- To stand out from the competition

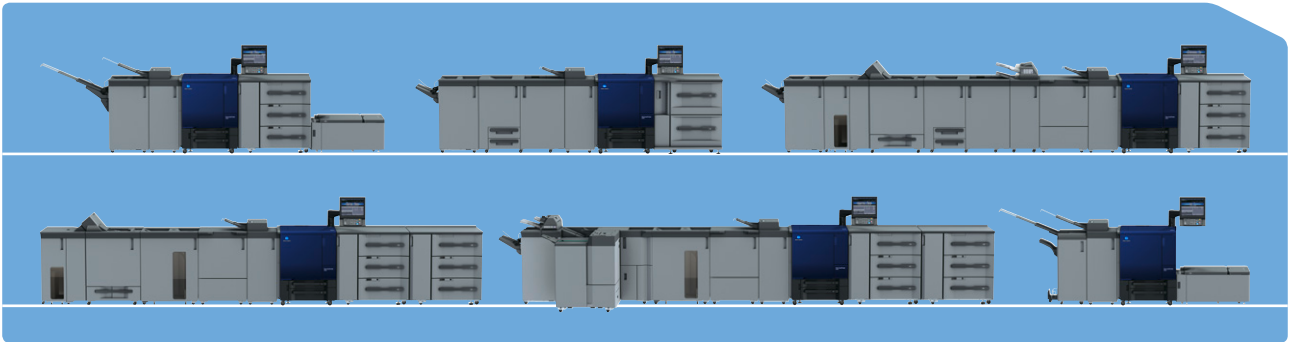
PERFECT IMAGE QUALITY

- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit resolution (equivalent to 1,200 x 3,600 dpi)
- Simitri® HD E toner technology
- Image density control technology
- For new print applications
- For growing business

Simitri HD E
THE EVOLUTION OF TECHNOLOGY



Recommended configurations



Technical specifications

SYSTEM SPECIFICATIONS

| | |
|---|--|
| Resolution | 1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent |
| Paper weight | 62–350 gsm |
| Duplex unit | Non-stack type; 62–350 gsm |
| Paper sizes | 330 x 487 mm; 330 x 1,300 mm (optional) |
| Maximum image area | 323 x 480 mm; 323 x 1,295 mm (Banner) |
| Paper input capacity | Standard: 1,500 sheets Max.: 15,390 sheets |
| Paper output capacity | Max.: 13,600 sheets |
| Main unit dimensions (W x D x H) | 800 x 903 x 1,041 mm |
| Main unit weight | 312 kg |

PRODUCTIVITY

| | |
|-------------------------------|-----------|
| AccurioPress C83hc | |
| A4 - max. per minute | 81 ppm |
| A3 - max. per minute | 45 ppm |
| SRA3 - max. per minute | 39 ppm |
| A4 - max. per hour | 4,399 pph |
| A3 - max. per hour | 2,439 pph |
| SRA3 - max. per hour | 2,058 pph |

CONTROLLER

| | |
|---|--------|
| Internal Konica Minolta Controller | IC-605 |
| Internal Fiery Controller | IC-417 |
| External Fiery Controller | IC-313 |
| External Creo Controller | IC-314 |

ACCESSORIES

| | |
|--|----------------------------|
| Integrated color care unit | IQ-501 |
| Original cover | OC-511 |
| Automatic document feeder | DF-706 |
| Working table | WT-511 |
| Heating unit for main body trays | HT-511 |
| Air assist paper feed unit | PF-602m |
| Heating unit for PF-602m | HT-504 |
| Air suction paper feed unit | PF-707m |
| Heating unit for PF-707m | HT-506 |
| Relay unit | RU-518 |
| Humidification unit | HM-103 |
| Multi (GBC) punching unit | GP-501 |
| Relay unit | RU-510 |
| Auto ring binding unit | GP-502 |
| Folding and punching unit | FD-503 |
| Stacking unit | LS-506 |
| Booklet making unit | SD-506 |
| Booklet making unit | SD-513 |
| Booklet making unit | Watkiss PowerSquare™ 224KR |
| Booklet making unit | Plockmatic SD-500/SD-350 |
| Creasing unit for SD-513 | CR-101 |
| Slitting unit for SD-513 | TU-504 |
| Square Folding unit for SD-513 | FD-504 |
| Perfect binding unit | PB-503 |
| Stapling unit | FS-612 |
| Stapling unit | FS-531 |
| Punch kit for FS-531, FS-612 | PK-512 |
| Punch kit for FS-531, FS-612 | PK-513 |
| Stapling unit | FS-532 |
| Saddle stitch kit for FS-532 | SD-510 |
| Punch kit for FS-532 | PK-522 |
| Post inserter for FS-532 | PI-502 |
| Envelope fuser | EF-103 |
| Banner printing kit | MK-740 |
| Banner printing kit for FS-532 | MK-740m |
| or OT-510 | |
| Multiple bypass tray | MB-506 |
| Multiple bypass tray for PF-707m | MB-508 |
| Large capacity feeder | LU-202m |
| Large capacity feeder | LU-202XLm (Banner) |
| Large capacity output tray | OT-511 |
| Open stacker | OT-510 |
| Dehumidifying heater for 202m/XLm | HT-503 |
| Envelope feeding kit | MK-746 |

- All specifications refer to A4-size paper of 80 gsm 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.
- Some of the product illustrations contain optional accessories.
- 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 prices or specifications mentioned will be error-free.
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