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.

Accurio*Press*
C83hc

Giving Shape to Ideas

COLOUR PRODUCTION PRINTING SYSTEM

YOUR ADVANTAGES WITH
AccurioPress C83hc

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

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

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
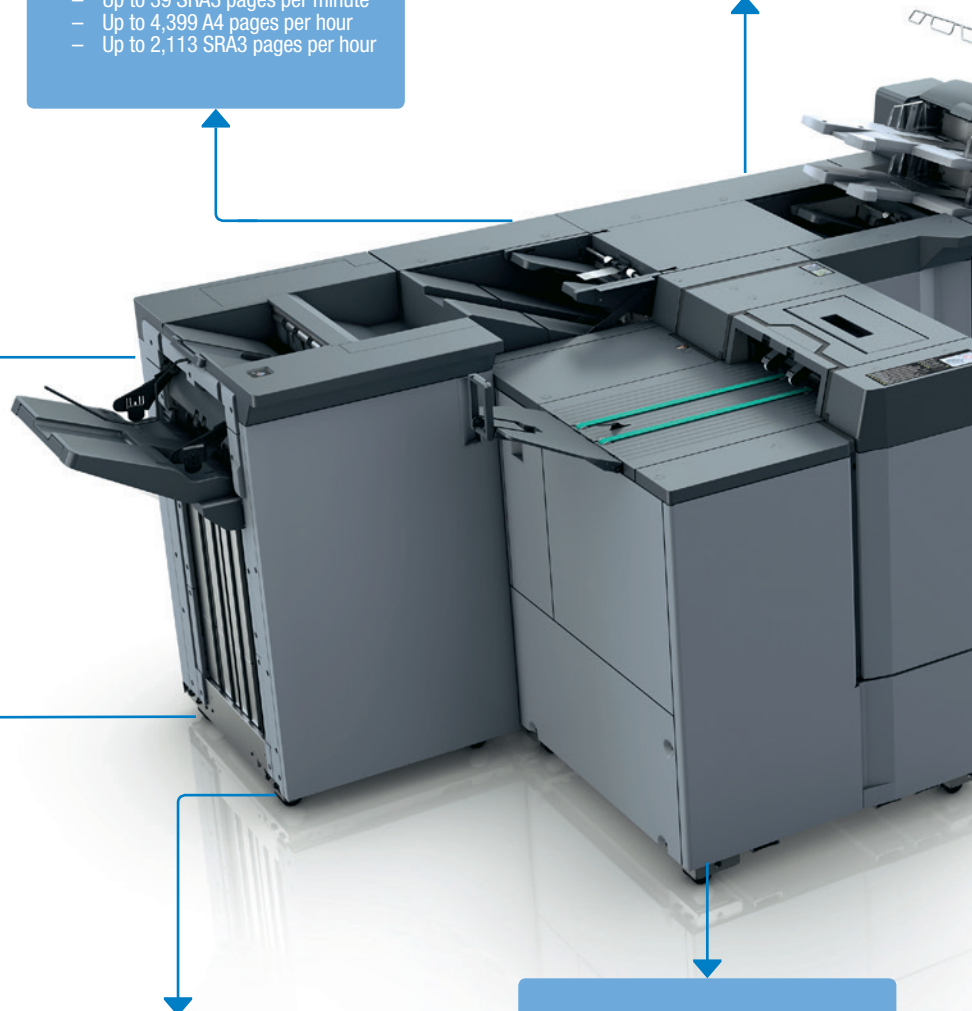– For more profit in the print room

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
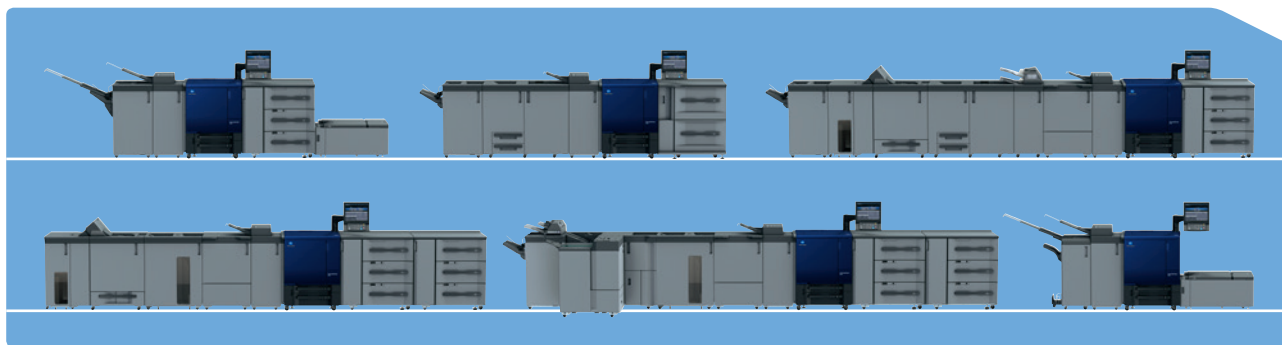– To stand out from the competition

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

S.E.A.D. IV

✦ 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
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 or OT-510	MK-740m
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