

# THE SHARP AR-650 IMAGER ADVANCED DIGITAL DOCUMENT SYSTEM: THE ULTIMATE IN SPEED, PERFORMANCE AND RELIABILITY

The new Sharp AR-650 Imager Digital Document System delivers the performance, productivity and reliability that demanding, high-volume office environments require. With an impressive array of standard features, this powerful workhorse delivers superior quality digital documents at a lightning-fast 65 ppm. With improved laser technology, the AR-650 Imager boasts one of the highest print resolutions in the industry, generating superior quality documents at 2400 dpi. Add the optional print controller and the AR-650 Imager easily upgrades from a powerful standalone copier to an efficient, networkable document management system ideal for large workgroups or small office enterprises. With optional advanced finishing capabilities, you can fold, saddle-stitch, or hole-punch documents for a truly professional presentation. The AR-650 Imager's new design also incorporates the use of modular service kits which enhance productivity and reliability, and minimize operation downtime.

With more speed, more power, and more productivity, the Sharp AR-650 Imager Advanced Digital Document System delivers exactly what you need...when you need it most.



With the optional print controller, the AR-650 Imager can be easily transformed into a powerful workgroup printer—seamlessly connected to multiple network operating systems and protocols.

## HIGHLIGHTS:

- 65 ppm Copy/Print Speed
- Maximum Monthly Volume: 400,000 Copies
- Optional Advanced Finishing that includes Hole Punch, Saddle-Stitch and Center-Folding
- 600 x 2400 dpi Resolution @ Engine Speed
- 3.6 Second First Time Copy
- Standard 32 MB Copier Memory with 3.2 GB Hard Drive (240 images single-sided/480 images double sided)
- Five Modular Service Kits (technician replaceable)
- 60-Sheet RADF (letter-size originals)
- 100-Sheet Bypass Tray (accepts 85 lb. index)
- Three 500-sheet Paper Drawers plus 4,000-sheet LCT (5,600 sheets standard)
- 24-400% Zoom Range (1% increments)
- 7-Minute Warm-Up Time

## STANDARD FEATURES:

- 120 Access Codes
- Annotation
- Auto Cassette Change
- Auto Job Start
- Automatic Magnification Selection
- Automatic Paper Selection
- Automatic Sort Mode
- Text, Photo, Text/Photo Mode
- Touch Screen Control Panel
- Trimming/Masking
- Page Numbering
- Paper Size Indicators
- Paper Volume Indicators
- Sheet Insertion Mode
- Weekly Timer
- X-Y Zoom
- Magazine Sort (Booklet Making Mode)
- 2-in-1/4-in-1/8-in-1
- Job Memory (4)

## OPTIONAL EMBEDDED PRINT CONTROLLER FEATURES:

- Macintosh® & UNIX® (Sun®, HP®) Client Support
- Motorola® 200 MHz PowerPC Processor
- Multi-Position Stapling plus Saddle-Stitch Control
- N-Up Printing
- Automatic Duplexing (short or long edge)
- Page Enlargement/Reduction Modes
- Parallel Port for Unlimited Connectivity
- Reverse Order Printing
- Watermark Feature
- Confidential/Secure (PIN) Printing Capability

**SHARP®**

## ADDITIONAL FEATURES TO HIGHLIGHT

### Document Storage

- Provides the Ability to Store Multiple Pages in Each of 24 Locations (1000 pages letter size maximum at 6% coverage)

### Mixed Original Mode

- Allows System to Copy Mixed-Size Originals on Corresponding Paper Sizes

### FIFO Duplexing

- Uses Duplex Tray as Temporary Repository for 2-sided Copies
- Limitless—Because Its Digital

### Saddle-Stitch Finisher with Three Trays (optional)

- Top Tray Defaults for Copies and Prints
- Middle Tray for Prints
- Bottom Tray for Saddle-Stitch Output
- Up to 60 Images Can Be Saddle-Stitched (15 pages—20 lb. sheets)
- Binds Spine with Staples
- Staples in 4 Positions
- Center Folding Capability
- Letter & Ledger Output
- Optional 2/3 Hole Punch Unit



With the optional Saddle-Stitch Finisher with Three Trays, you can easily fold, staple or hole punch documents for a truly professional presentation.

# AR-650 IMAGER SPECIFICATIONS

## GENERAL SPECIFICATIONS

Type:	Console
Copy System:	4-Beam Laser Electronic
Originals	Sheets, bound document, photographs
Original Size:	Max. 11" x 17"
Copy Sizes:	Max. 11" x 17"; Min. 5.5" x 8.5"
Copying Speed:	65 ppm (8.5" x 11" at 100% ratio) 51 ppm (letter-R) 44 ppm (legal) 38 ppm (ledger)
Continuous Copy:	Max. 999
Copy Ratio:	25%-400% in 1% increments Fixed Presets: 25%, 50%, 64%, 77%, 95%, 100%, 121%, 129%, 141%, 200%, 400%, 800%
Printing Resolution:	600 x 2400 dpi (with smoothing)
Gradation:	256 levels
Duplexing:	Standard
First Copy Time:	Approx. 3.6 seconds
Warm-Up Time:	Approx. 7 minutes
Original Feed System:	Reversing Automatic Document Feeder (RADF)
Hard Drive:	3.2 GB
Memory Size:	32 MB
Memory Capacity:	240 Images Single-Sided Original 480 Images Double-Sided Originals
Compression Method:	JBIG
Copy Paper Feed:	3 500-sheet adjustable paper cassettes 4000-sheet large capacity feeder 100-sheet "Smart" Bypass Tray (letter-size)
Optional Output:	Saddle-Stitch Finisher
Fusing System:	Heat Rollers
Developer System:	Magnetic Brush Development
Exposure System:	Moving optical source, slit exposure (stationary platen) with automatic exposure function
Light Source:	Xenon Lamp
Required Power Supply:	115 Volts, 60Hz, 20A
Power Consumption:	Maximum 2.0 kw
Dimensions:	36" x 29" x 43"
Weight:	Approx. 552 lbs.

## OPTIONAL EMBEDDED CONTROLLER SPECIFICATIONS

PDL Support:	PCL5e/ + PCL XL, Postscript Level II
Memory:	16 MB Standard; 48 MB Max.
CPU:	PowerPC 603e 200 MHz
Client Operating System Support:	Windows® 3.1, Windows® 95, Windows® 98, Windows® 2000, Windows® NT, Macintosh® and UNIX® (Sun®, HP®)
Network Operating System Support:	Netware® 3.x, 4.x, 4.x (NDS) Windows® NT 3.51, 4.0
Protocol Support:	IPX/SPX, TCP/IP, Ethertalk, LPR/LPD, SNMP
I/O Interface:	10BaseT, 10Base5, 10Base2, 100BaseT

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