**RZ1090 specifications**

- **CPU:** SH-3 (333 MHz)
- **OS:** Windows XP, Vista (32-bit/64-bit), Mac OS X 10.4, 10.5, 10.6
- **memory:** 2GB
- **hard disk:** 80 GB
- **number of fonts:** 139 fonts
- **paper capacity:** 1000 sheets in feed tray and receive tray
- **image area (max.):** 10.25” x 15.22” (261 x 387 mm)
- **paper size and weight:** From stage glass: 15% x 6” to 12” (3.8 x 152 mm); Duplex: 14” x 12” (355 x 305 mm)
- **reduction/enlargement:** 50%, 61%, 65%, 78%, 121%, 129%, 154%, 200%
- **print position adjustment:** Vertical: ±1/8” (5 mm); Horizontal: ±1/8” (5 mm)
- **registration:** Print start position: ±1/8” (2 mm)
- **options:**
  - Automatic Document Feeder (Simplex), Automatic Document Feeder (Duplex), Color Print Drum (Cylinder), Auto-control Stacking Tray II, Wide Stacking Tray, Key Card Counter, Job Separator, Document Storage Card DM-128CF, RISO Controller GS-1090, Adobe PostScript 3™ RIP, Card Feed Kit, Job Separator, High Density Quick Dry Ink, and Letter-Size Cylinder

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RZ1090
Rooted in the offset printing process, the world’s fastest digital duplicator delivers digital business benefits

Increase the speed and effectiveness of your printing operations with the RISO RZ1090, the world’s fastest digital duplicator. The RZ1090 prints at speeds up to 180 ppm with true 600 dpi image quality for exceptional printing productivity and remarkable performance.

The RZ1090 imaging technology is based on proven offset printing processes using liquid ink and digitally imaged master plates to produce runs up to 4,000 prints. The simple “green-button” operation is as familiar as using a common copier; simply press one button to create, load, and unload natural fiber master plates and automatically begin printing. Automated production processes streamline workflow, maximizing machine availability to produce more jobs faster than ever before. Commercial printers, quick printers, copy shops, corporate in-plants, school districts, university print shops, large churches, and more will all benefit from the expanded capabilities of the RZ1090.

In addition to its high-speed printing capabilities and exceptional print quality, the RZ1090 is extremely versatile, handling a wide variety of paper sizes and weights—even card stock and envelopes. With over 70 ink colors to choose from, the RZ1090 will appeal to print shop owners and graphic designers alike, making this digital duplicator the perfect choice for demanding deadlines and low-cost short run needs.

Produce more jobs faster
At speeds up to 180 pages-per-minute, the RZ1090 is the industry champion for speed and production output. The short paper path supports a wide range of paper stocks to deliver legendary RISO reliability.

Automate production
Plug-and-Print capability automatically and immediately prints one or multiple saved jobs from a USB flash drive without the need for additional user intervention. Job ticket settings are pre-programmed off-line and print production is launched automatically, eliminating potential operator errors and maximizing productivity.

Enhanced image quality
The RZ1090’s true 600 dpi output ensures that the finest details in type, photos, and line art are accurately reproduced. Improved cylinder motion controls and advanced printer driver algorithms deliver smoother ink transfer and overall increased image quality.

Minimize short-run printing costs
A new ink saving mode reduces ink usage by up to 20% for cost-conscious customers. RISO thermal master plates are digitally imaged, automatically loaded/unloaded, and extremely low cost, delivering low cost, high-quality print runs up to 4,000 prints.

Increased job flexibility and system dependability
Automatically reverse the page printing sequence to enable faster off-line collation and finishing. Rotate pages 180° at the click of a button to reverse the lead-edge for jobs with high-density coverage, increasing paper feed reliability and reducing page-to-page set-off.

Go green
The RZ1090 is an ENERGY STAR qualified printer with extremely low power consumption. With over seventy soy-based ink colors, natural fiber masters, and a mercury-free LCD panel display, the RZ1090 provides an effective way to reduce your operation’s carbon footprint.

Monitor supply levels and more
The RISO Quality System™ offers a large number of quality and convenience benefits, including automatic assurance of optimal print quality from start to finish, prevention of operator errors, remaining levels of ink/masters, warnings of shortages in supplies, and indicators to aid in minimizing paper waste. Simply select the “info” button on the Basic Screen for a graphic of remaining consumables.

Build on offset capabilities and move into digital printing with the RZ1090
File is sent directly from computer, or hard-copy original is digitized
Old master is removed, and a new master is automatically exposed and loaded
Straight paper path accommodates a wide variety of paper stocks