

XEROX

Xerox 5090

***The New Generation of Technology
Dedicated to Productivity***



The Xerox 5090 Duplicator: The most productive duplicating system available today.

Xerox 50 Series **The Answer to Your Needs**

The '50 Series' represents the achievement of excellence in copier technology. The advanced technological development of the '50 Series' provides a new and innovative standard of Productivity, Reliability, Operability and Copy Quality.

Today, the Xerox 5090 stands as the flagship in the '50 Series' line of products. The advanced operability and features were developed through the total understanding of the science of productivity.

This innovative technology is like nothing we have created before. Its new combination of features now allows you to produce a different variety of jobs, for the first

time ever, on a xerographic duplicator - from 11" x 17" posters to a long run of bound books with covers and tabs or dividers!



Just about anything you buy for your business nowadays promises that it'll give you "more productivity". But getting at the *substance* of that "productivity" can often be difficult, if not impossible. Here's what the Xerox 5090 delivers –

The Productivity Cluster

In reprographics, productivity doesn't exist by itself; it's really a composite of copy quality, machine reliability, built-in versatility and ease of use. By keying on all four of these factors, the 5090 maintains a productivity level higher than any other duplicating system available today. From *your customers'* perspective, all this translates to "turnaround time." That is, they get a quality job in their hands when they need it.

Turnaround Time

A key advantage for the 5090: you can actually perform job functions (programming, running, loading, unloading) *simultaneously, instead of separately!* While one job is running, you can program another (with Program Ahead), and at the same time unload a previous job. Think of the time saved by overlapping job functions, instead of having to wait to do each one separately.

Copy Quality

The *consistent* copy quality you'll get from a 5090 will be comparable to metal-master work done on offset duplicators. And that holds true for a broad spectrum of originals, from text to line art, halftones and even photos.

Reliability

Without getting into a lengthy, technical discussion, let's just say the 5090 adds yet another level of uptime over preceding products in its class. Various electronic systems monitor the operation of key functions, and then *self-adjust* to maintain optimum performance. Further, a new system of electronic diagnostics can isolate the 5090's minutest functions, and then *graphically display* that functioning on the full-colour Control Screen.

Versatility

The 5090's versatility springs from a combination of consistent operating speed and an extensive features list. Also, *xerography* lets you manipulate the image in many ways before printing, and then lets you work with the finished image afterwards – all on one machine, all in one operation. By grouping *and* performing different parts of a job on one machine, you cut out a lot of labour-intensive and expensive handwork, especially in makeready, collating, inserting, stitching and binding.

Operability – Ease of Use

No other duplicator offers a full-colour Touch Control Screen to take all the guesswork out of making full use of the 5090's many features. All the pertinent information for any job is spelled out and/or graphically displayed right in front of you.



We wrote the book on duplicating, now we've bound it: The Xerox 5090 Duplicator

We were guided by copy quality, reliability, versatility and ease of use in designing the 5090. Here's what that means to your customers.

Copy Quality

By continuously monitoring and automatically adjusting copy quality, the 5090 delivers a consistently excellent level of quality. This "closed loop" system maintains quality throughout the longest runs. Further, precise registration of each original is monitored electronically.

Customized Copy Quality

Naturally, you're asked to create special printing effects from time to time. So, to help you meet any request, you can vary the exposure levels, contrast and toner density to adjust for light or dark originals, photos, hard-to-copy blue inks, colour backgrounds, and paste-up line suppression. To make sure you have the quality you want, just touch the Proof Job button to make a sample set before running the complete job.

Speed

The 5090 runs at 135 impressions per minute! Couple this speed with its many features, and you can get an idea of the productivity the 5090 now offers.

Full-Colour Touch Control Screen

You've never seen this before - a 13" colour CRT that lets you program any job just by touching various "icons" on the screen. The kinds of jobs you can do and the available features are all organized on the screens; you just touch the icons to program even the most complex job.

Automatic Two-sided Copying

The 5090 turns out 1- or 2-sided copies from 1- or 2-sided originals. With Chapter Start, each chapter or section automatically starts on a right-hand page. To allow for margin area on pre-drilled stock, the image can be shifted left or right up to $\frac{8}{10}$ " in $\frac{1}{10}$ " increments, on either or both sides of the page. The "Trim" feature lets you delete the image from the bottom of the page (to within 3.2" of the top), or from the left or

right edge of the page (to within $\frac{1}{10}$ " from the opposite edge). The Duplex Tray holds 250 sheets.

Automatic Document Handling

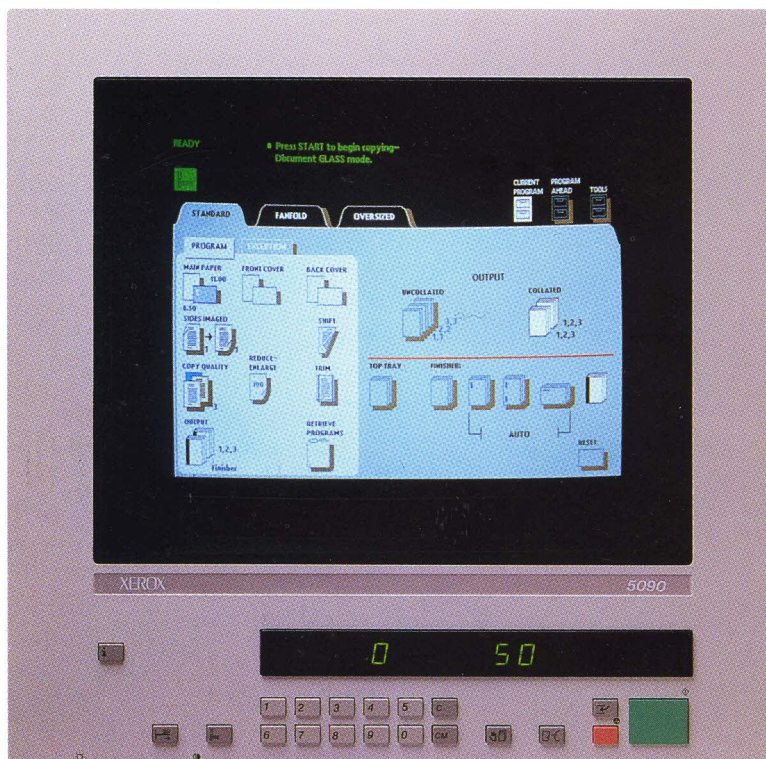
The 5090's Universal Document Handler accepts virtually any original you bring it; it includes a Document Handler, a Document Feeder, a built-in Computer Forms Feeder, and a Document Glass for copying bound documents. The Document Handler holds 250 sheets, in sizes from 8 x 10 to $8\frac{1}{2}$ x 14. The Feeder accepts sizes from 5 x 8 up to 12 x 17. You can even do "two up" copying of two $8\frac{1}{2}$ x 11's onto one 11 x 17. The CFF handles a 3" stack of unburst fanfold, in sizes from 5 x 8 up to 12 x 17. Program the 5090 to make two-sided copies of the fanfold.

On-Line Binding

Books from 15 to 125 pages thick can be permanently bound with a thermal adhesive tape binding. Various tape colours are available to coordinate the binding with cover stocks, tabs and dividers. Think of what a labour-saving feature this is! Think of the turnaround time you can offer on bound work!

On-Line Stitching

From 2 to 70 sheets can be single- or double-stitched. Both stitch positions can be moved at the touch of an icon. The 5090 automatically adjusts the length of the stitch according to the thickness of the set! So your thinnest or thickest sets are all securely finished.



Program Ahead

You can program your next job, *while* one job is running. As soon as the first job is done, the second one starts. So, you can gain extra productivity on every job you do, because you *never* have to wait to do programming. Also, by using Pre-programming, you can program and store up to 36 frequently done jobs, and then just touch the screen to recall and run any or all of those jobs *whenever* you want.

Exception Programming

The 5090 builds productivity by letting you give special attention to specific pages – as an integral part of the job! Some examples: inserting pre-printed tabs or coloured paper, copying onto special stocks (cardstock, tabs, transparencies), achieving a certain copy quality for a page of graphics, or using Shift and Chapter Start.

Automatic Reduction/Enlargement

Vary the image size from 64% up to 155% of the original, in 1% increments. Oversize originals can be made consistent with the rest of a copy set; the size of headings can be enlarged to give special emphasis on covers or tabs. Through use, you'll develop many more applications for this versatile feature.



Continuous-Run Paper Supply

A three-tray paper supply makes 4,300 sheets always available. When one tray empties, the 5090 automatically switches to another with the same size stock. And, if need be, you can re-load a tray during the run. The three trays also let you use three different stocks on a job – front and back covers, tab dividers and 20 lb. bond, for example.

Zone Jam Clearance, Job Recovery

To minimize the effect of any interruption on productivity, Zone Jam Clearance lets you solve virtually any processor misfeed by clearing only one area in the paper path. Then, complete Job Recovery lets you pick up where you left off and finish the job without wasting a lot of work.

A true description of the 5090 would be a totally integrated job processing centre. It's the technology of the future... now! When you view the 5090 for the first time, its powerful appearance is confirmed in its outstanding performance.





5000

XEROX
50 YEARS OF
INNOVATION

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We Answer to You with: Xerox Service, Financial Alternatives and Supplies

The design excellence and technology embodied in our '50 Series' copiers and duplicators are backed up by the most complete Customer Support program in the industry.

Xerox Service

Throughout Canada, our service organization is recognized as the best-trained and best-equipped in its field. Supported by a computerized communications system, your Xerox Service Representative handles your call quickly and efficiently.

Xerox Supplies

Xerox not only offers a complete line of supplies for the '50 Series', but also a variety of supplies for all Xerox products. So you have the convenience and efficiency of ordering all these items from one source. Our toll-free phone number and computerized telemarketing system takes the bother out of ordering.

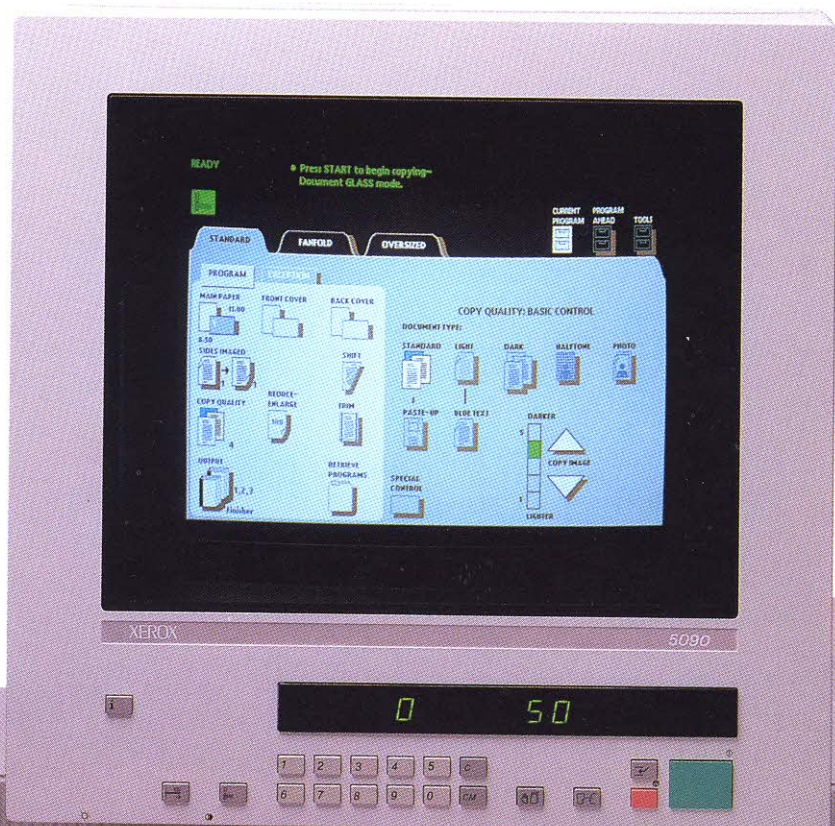
Simply call: 1-800-668-0199 (or 733-9400 in Toronto)

Xerox Financial Alternatives

We'll make it easy for you to own the Xerox 5090 by providing an original financial plan tailored to your requirements to buy or lease the duplicator. Ask your Xerox Sales Representative for more details.

You can count on TEAM XEROX to provide original and innovative products, made with quality, and supported by excellent service and genuine attention to customer satisfaction.

We Answer To You.



Xerox 5090 Duplicator Specifications

Touch Control Screen	Colour bit-mapped CRT; brightness level and view angle are adjustable.
Processor	Speed: 135 impressions per minute, 58 per minute for 11 x 17, dual flashing system. Run length: 1 to 9,999
Document Handling	Handler capacity: 250 sheets, sizes from 8 x 10 to 8½ x 14, 13-110 lb. weights. Document Feeder: Sizes from 5 x 8 to 12 x 17, 13-110 lb. weights. Computer Forms Feeder: 3" stack, sizes from 5 x 8 up to 12 x 17. Document Glass: up to 12 x 17 image area, for originals that cannot be handled automatically, such as bound or bulky documents.
Throughput	Sizes 8 x 10 to 11 x 17, in 13-110 lb. weights, including tabs and cover stock.
Paper Supply	Three trays, 4,300 sheets Tray 1: 1,100 sheets, 8 x 10 to 9 x 14. Tray 2: 600 sheets, 8 x 10 to 9 x 14. Tray 3: 2,600 sheets, 8 x 10 to 11 x 17. Continuous run while loading, Automatic Tray Switching.
Reproduction Ratios	Variable in 1% increments from 64% to 155%.
Automatic Two-sided Copying	1- or 2-sided copies from 1- or 2-sided originals; use the Document Handler and Duplex Tray, which holds 250 sheets.
Shift	Move the image left or right, up to 8/10" in 1/10" increments, on either or both sides of the page.
Trim	Delete the image from the bottom of the page (to within 3.2" of the top), and/or from the left or right edge of the page (to within 1/10" from the opposite edge).
Output Stations	Top tray capacity: 500 sheets. Finishing station capacity: 3,000 sheets. Sheets per collated set: 2-250.
Binder	From 15 to 125 sheets 8½ x 11, with tabs, per bind. Binding: thermal adhesive tape. Tape colours: black, blue, gray and brown. Tape supply: 1 reel holds 425 binds, 11" per bind.
Stitcher	From 2 to 70 sheets per stitched set, sizes 8 x 10 to 8½ x 14. Stitch locations: 1 or 2, adjustable automatically. Stitch supply: 2 spools, 33,000 stitches each. Stitch length adjusts automatically for thickness of set.
Size and Weight	Width 338 cm (133"), Depth 104 cm (41"), Height 150 cm (59"), Weight 1,202 kg (2,650 lb).
Space Requirements	Moveable: Width 452 cm (178") x Depth 274 cm (108").
Electronic Auditron	Account mode: 10,000 accounts, with chargeback options. Access mode: via 1-10 digit code number.
Electrical Requirements	Single source: 208/240 Volt, 50 Amp. Multiple sources: 208/240 Volt, 30 Amp with a 120 Volt, 30 Amp circuit and a 120 Volt, 15 Amp circuit. Has Energy Saver mode. Warm-up time: 7 minutes. Binder warm-up time: 5 minutes.
Heat Emission	System: with binder running - 25,935 BTU/HR. System: with binder not on - 23,120 BTU/HR.
Note:	Paper capacities are based on 20 lb. stock; capacities will vary with different weight stocks.

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We Answer To You.

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Gold Award 1989 Quality