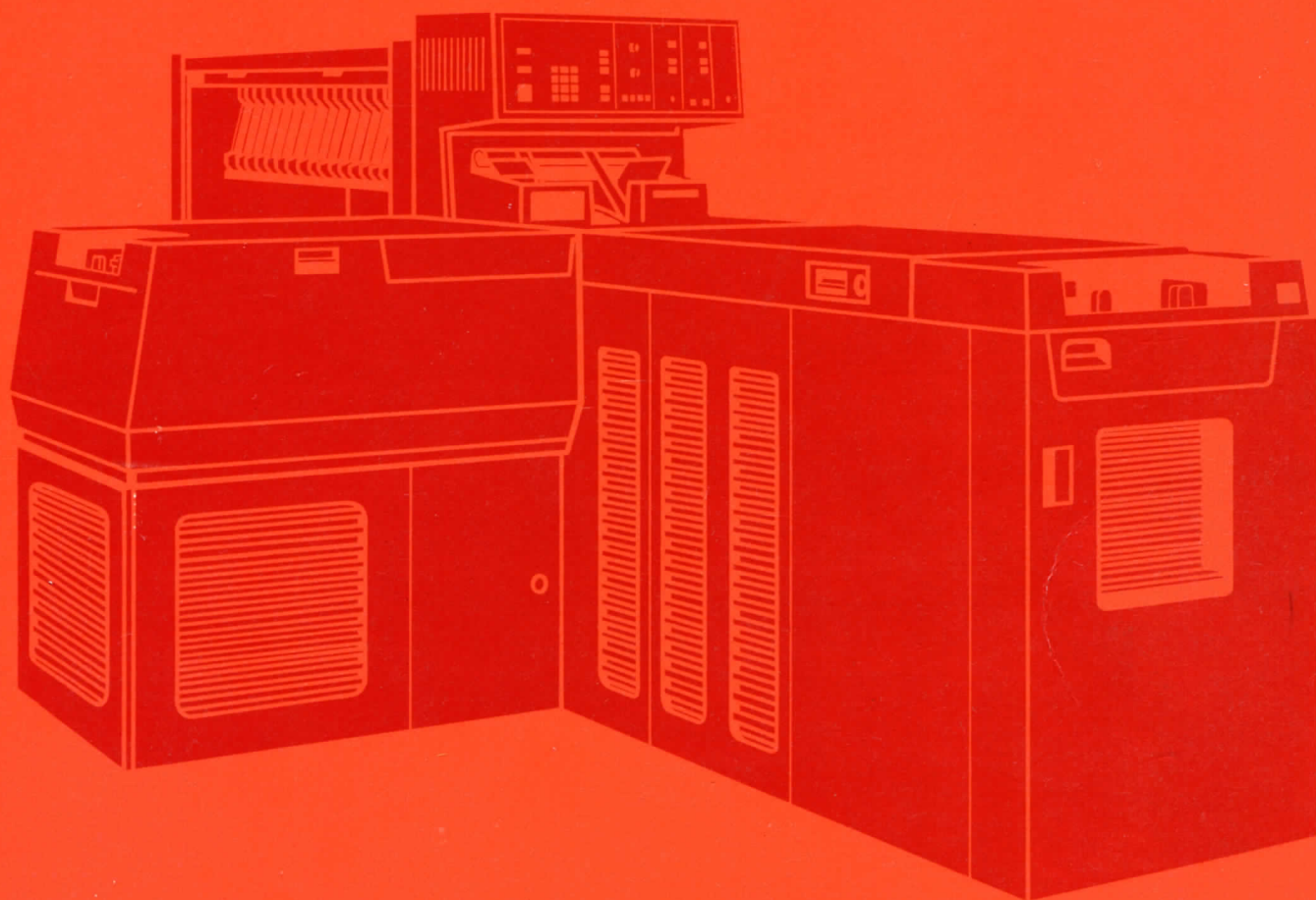


Xerox 9500



RANK XEROX

Xerox[®] 9500

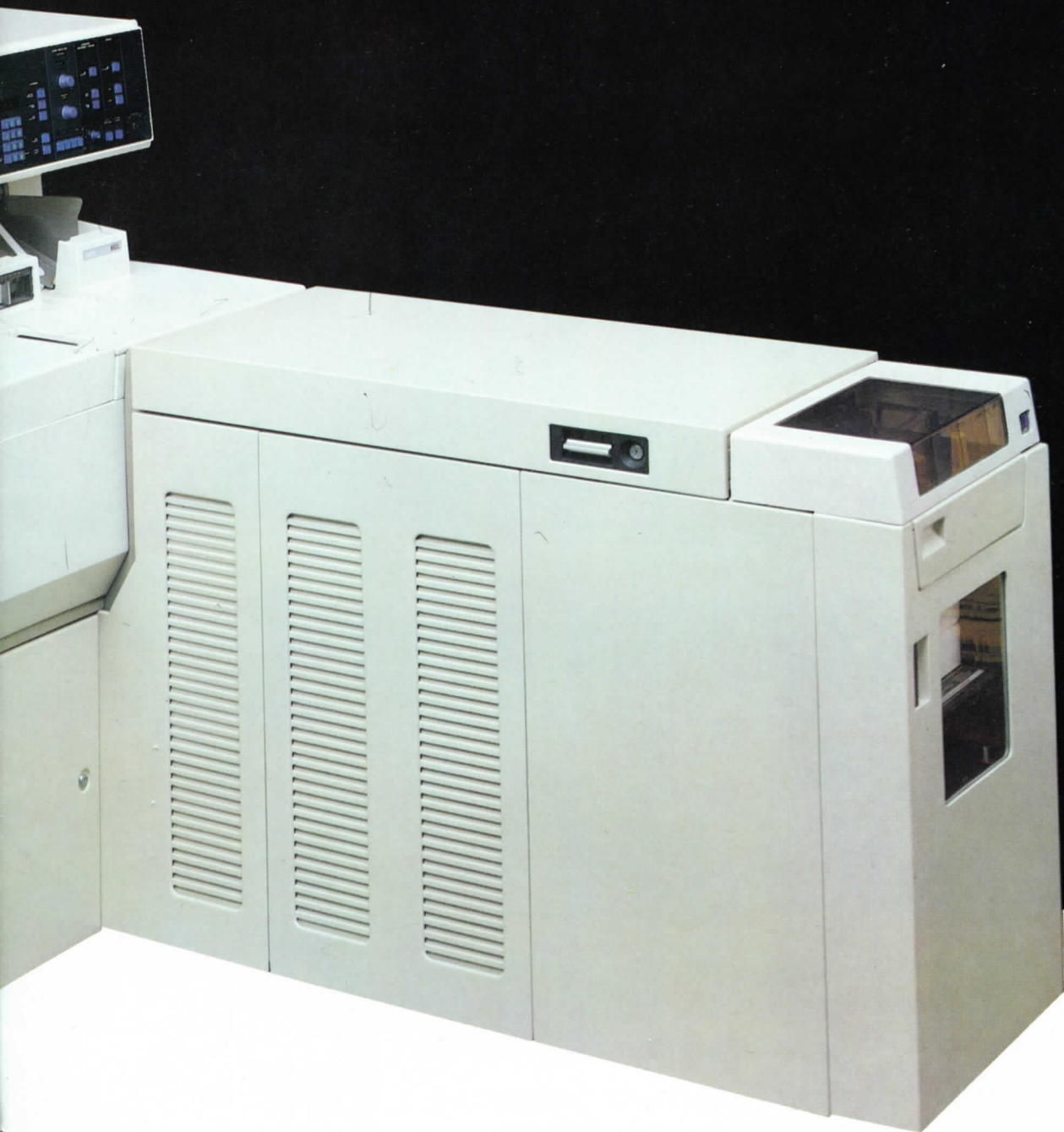
the productive way
to top quality prints



Xerox 9500 High Speed Duplicator



For the user whose paramount need is for the highest possible print quality, Rank Xerox has built the Xerox 9500 Duplicating System. From solid blacks to subtle half-tones, from line drawings to coloured pictures, the 9500 will make crisp, matt-finished, black-and-white prints faithful to every gradation of tone.



To achieve this, Xerox researchers have developed a special toner which clings to every part of the electrostatic image, and captures both solid areas and fine details with equal fidelity. They have designed an image transfer system which ensures that a perfect image reaches the paper. And they have produced a fuser which gives a distinctive matt finish to the final prints.

Xerox 9500

Quality + Productivity = Xerox 9500



The key factor in achieving the superb print quality of the Xerox 9500 is the new toner formula, which results in finer, more uniform particle sizes.

In addition to the change in toner formula, major design modifications have been made to the well-established xerographic image transfer system. The most significant is an extra corotron, added to transfer more of the finer particles to the paper, and giving improved half-tones and sharper line copy.

To obtain the new matt-finish look, the fusing system of the 9500 incorporates a soft-roll fuser.

These three technical advances combine to give the Xerox 9500 the highest print quality ever obtained from xerography.

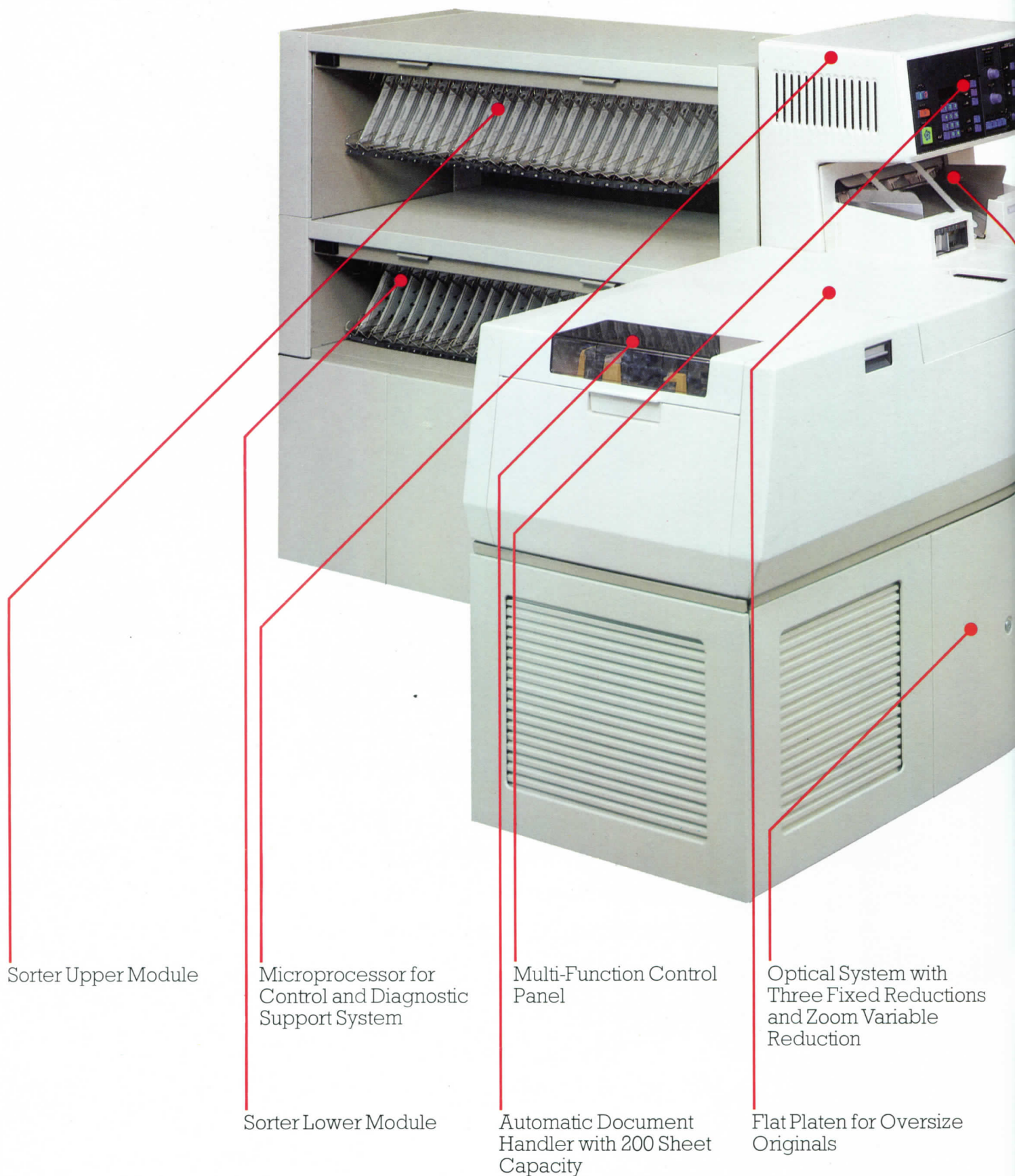


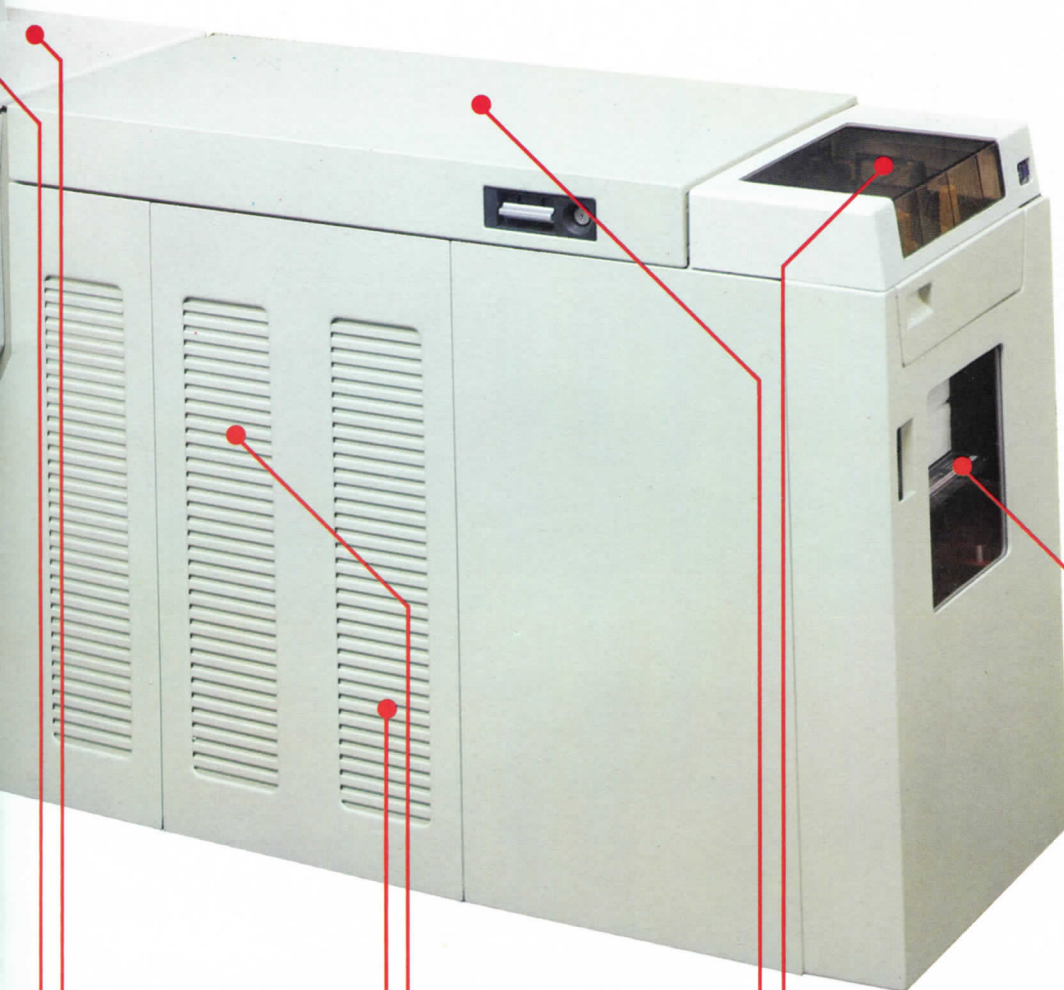
To top quality printing, the Xerox 9500 adds the productivity which comes from features such as:

- Automatic document handling
- Automatic two-sided copying
- Automatic sorting
- Reduced size copying
- Flexibility of input and output
- Two prints a second speed
- Reliability
- Automatic self-diagnosis



Designed for Efficiency





Paper Inverter for
Two-Sided Copying

Xerographic Processor
for High Quality Prints

Auxiliary Paper Tray
with 550 Sheet capacity

Main Paper Tray with
2500 Sheet Capacity

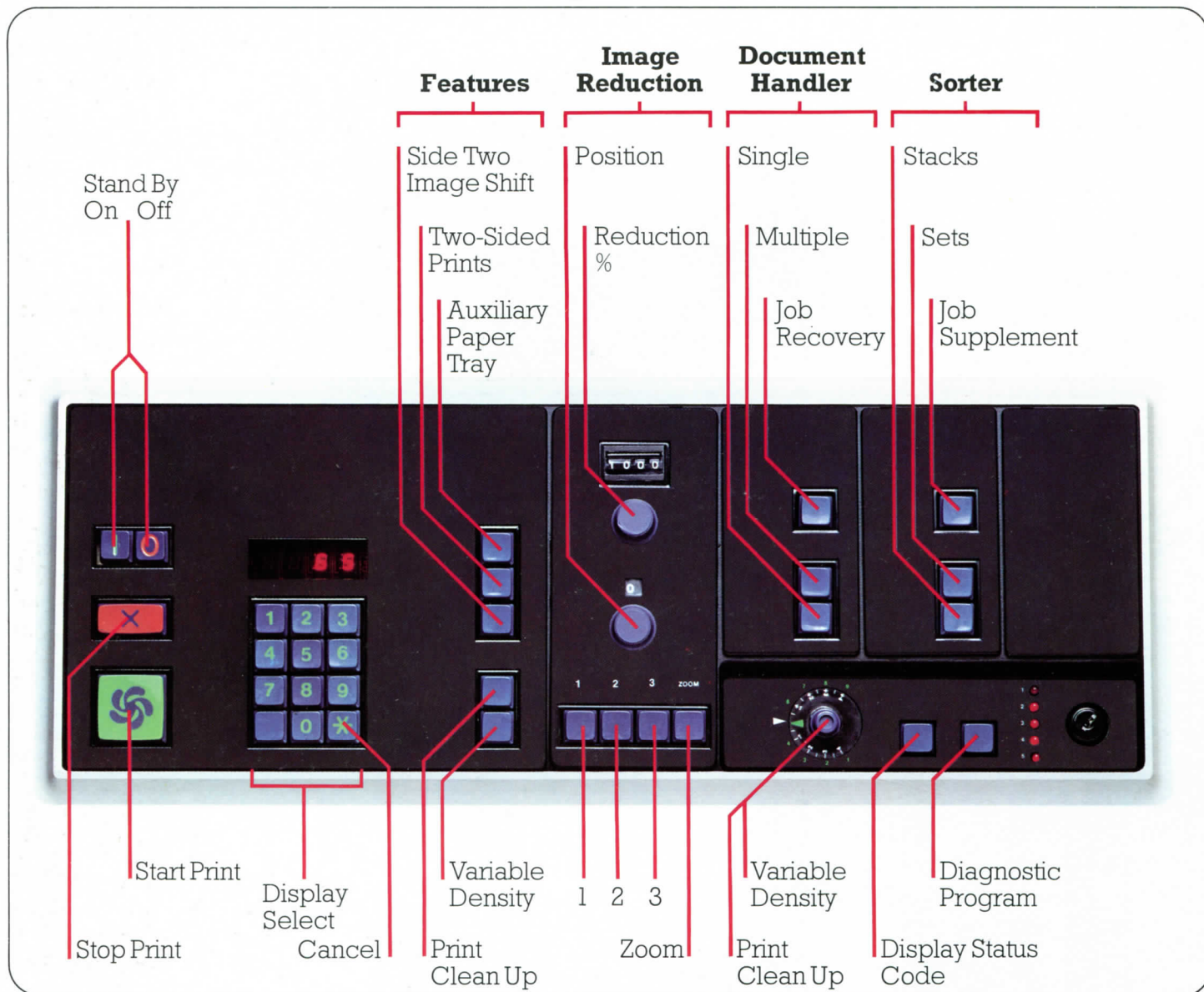
Output tray with 350
Sheet Capacity

Xerographic
Maintenance Module to
ensure Peak
Performance

Paper Transporter

Xerox 9500

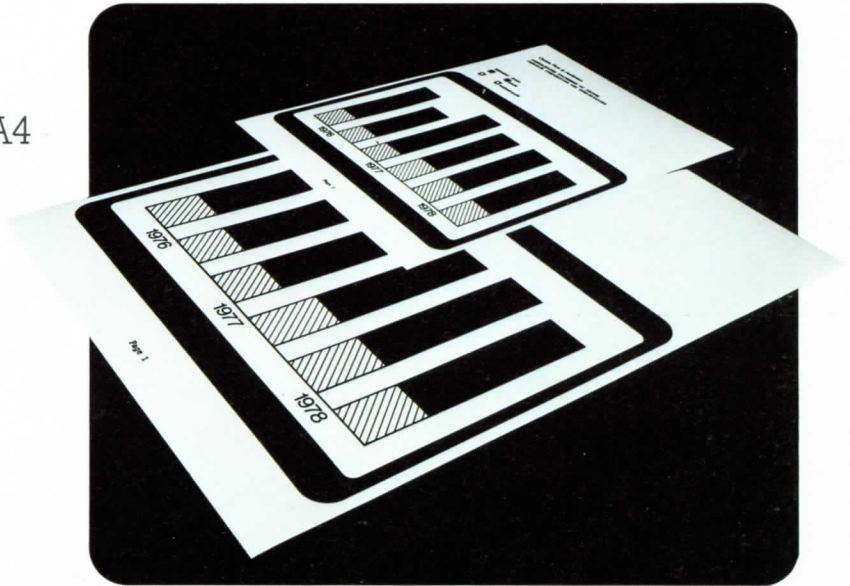
Yours to Command



The productive power of the 9500 is easily controlled from one panel. Clearly marked push buttons select the functions of the machine, and illuminated indicators and status codes tell you exactly what is happening. And while almost anyone can produce good results with the minimum of instruction, the professional can fine-tune the 9500 to produce the best possible prints from difficult originals, even getting sample copies in mid-run without upsetting the job.

Fitting the Page

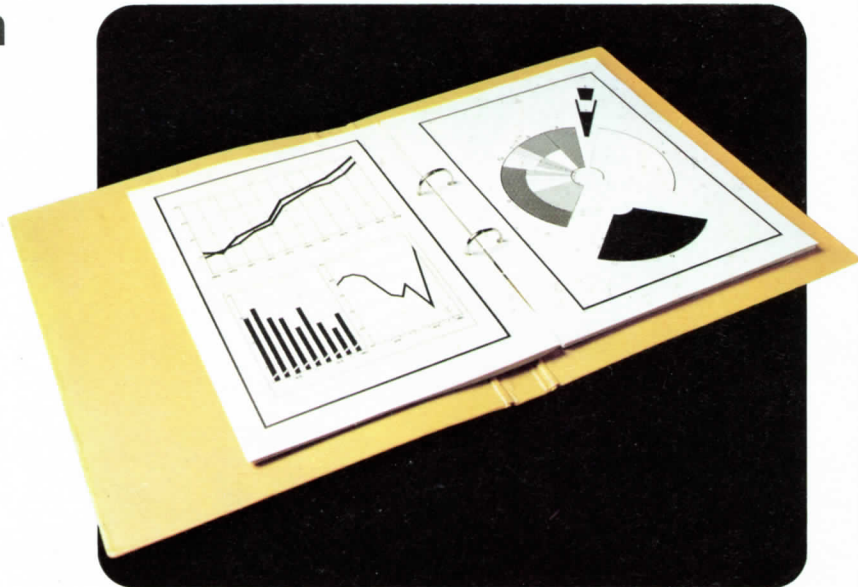
Suppose you have a large document which needs to be incorporated in an A4 size report. Simply select one of three reduction ratios, make an A4 print of the document and use it as an original. And if it's an awkward size for all three fixed reductions, use the zoom lens control to make it exactly the size you want.



Side-Stepping a Problem

The Xerox 9500 will make two-sided copies from single-sided originals automatically. But most typed originals are only justified on the left. So on the second side you could lose the ends of some lines in the binding.

Not with the 9500. A touch on a single button, and the second side image moves to the left, out of harm's way.



Job Recovery

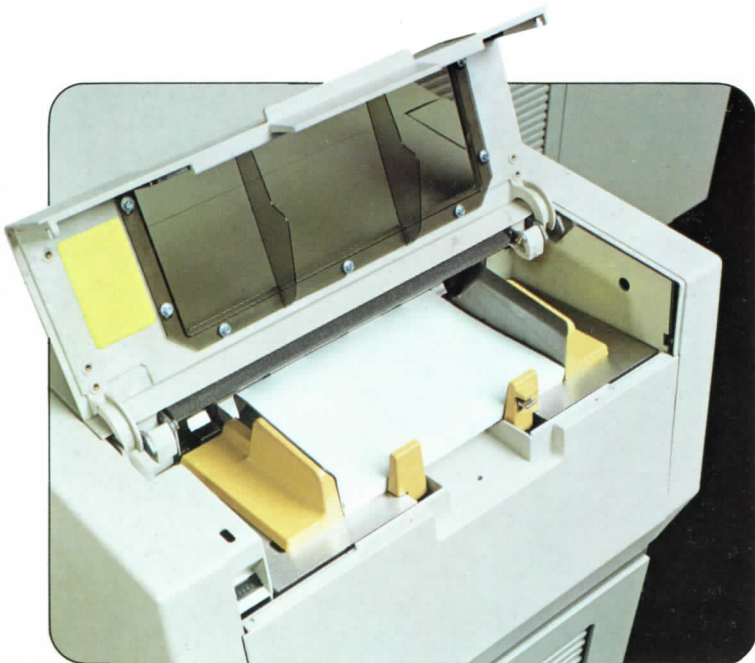
If there's a job interruption during sorting or double-sided copying, things could become confusing. But the 9500 takes charge of the situation.

If the job involves sorting, any prints already in process are diverted into the receiving tray, and one or more lighted signals give explicit directions for resolving the interruption.

Once that is done, you simply touch the Job Recovery button, and the 9500 restarts from exactly where it stopped – the right document positioned for imaging, the right number of prints made to complete the run. No omissions, no doubles, no errors.



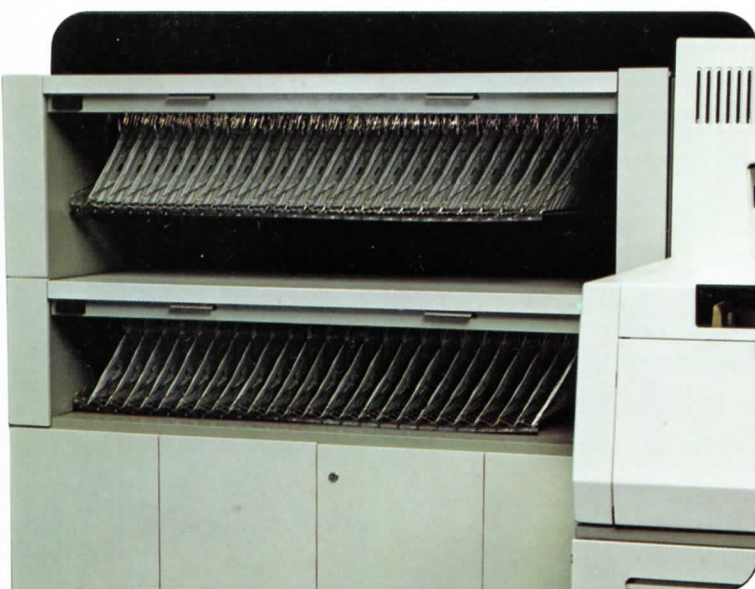
Four-way Productivity



Productive Feeding

The Xerox 9500 has an Automatic Document Handler which feeds up to 200 documents to the platen for imaging at a speed of half a second per original. Because the documents are fed in a straight line and carried on a cushion of air, the 9500 will accept most originals, even paste-ups. And it won't really mind if the original is not in perfect condition.

The Automatic Document Handler eliminates a whole series of manual operations. Raising the platen cover. Positioning the document. Closing the cover. Touching "Start Print" For each document. When you think in terms of 200 documents, the productivity is obvious.



Productive Sorting

Because the sorter operates on-line to the 9500, prints are collated at two per second as they are made. This means that fully-collated sets of prints take no longer than unsorted stacks.

And when you are using the Automatic Document Handler, your sorting capacity is virtually limitless.

The sorter is in two modules, which are filled alternately. As soon as one module is full, you can begin unloading it. The 9500 continues without interruption, filling the second module. If it catches up with you, it will pause until you have finished unloading, then resume automatically from where it stopped.

Productive Running

The Xerox 9500 will feed a wide variety of paper weights and sizes without any adjustment. And because it has two paper trays, it can also run without interruption during single-sided copying, feeding from one tray while you reload the other.

The main tray holds 2,500 sheets, while the auxiliary tray holds a further 550. The auxiliary tray also acts as a receive tray for first-side copies during double-sided copying.

Because of the ease of changing from one tray to the other, the auxiliary tray can be used to feed special paper into a job, such as coloured pages or cover material.



Productive Versatility

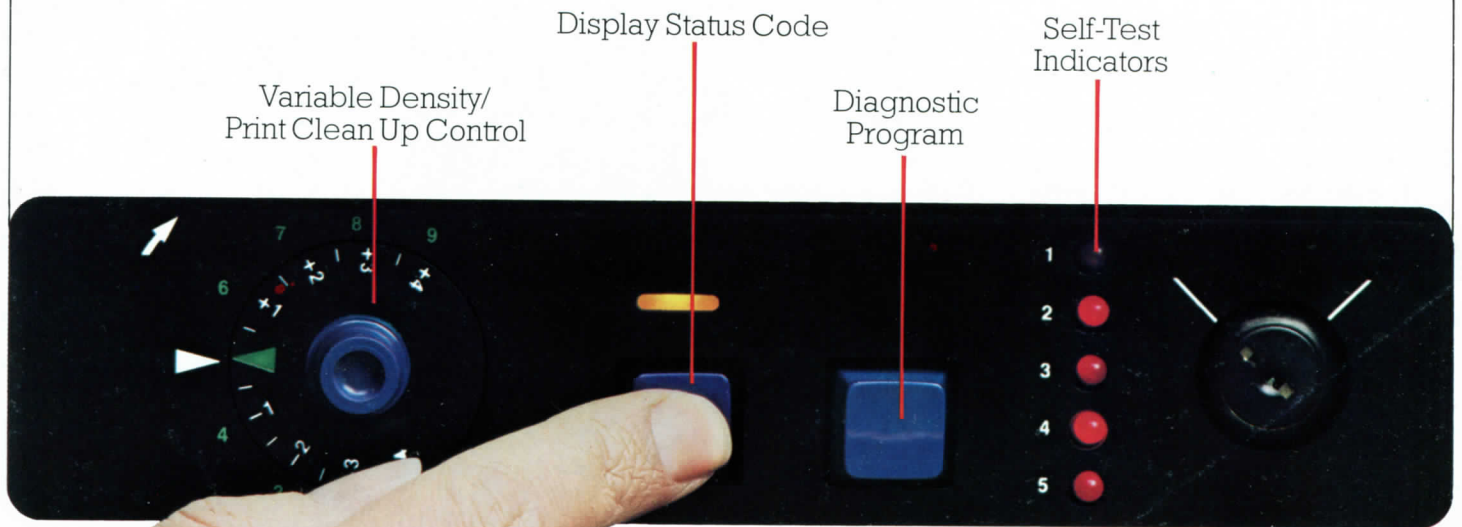
Paper weights ranging from 60 gsm to 200 gsm are all readily acceptable to the 9500. And the throughput is not limited to white paper.

Coloured paper, letterheads, preprinted forms and pre-punched paper can all be used, together with other materials such as self-adhesive labels, draughting film and overhead projector transparencies.

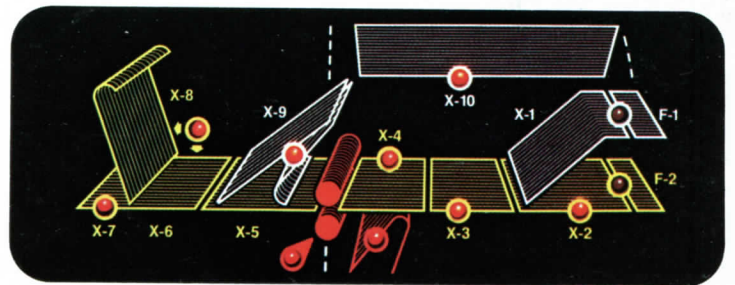


Xerox 9500

Self-Diagnosis



The Xerox 9500 has systems for feeding paper and handling documents that make jams a rare occurrence. It pre-feeds paper

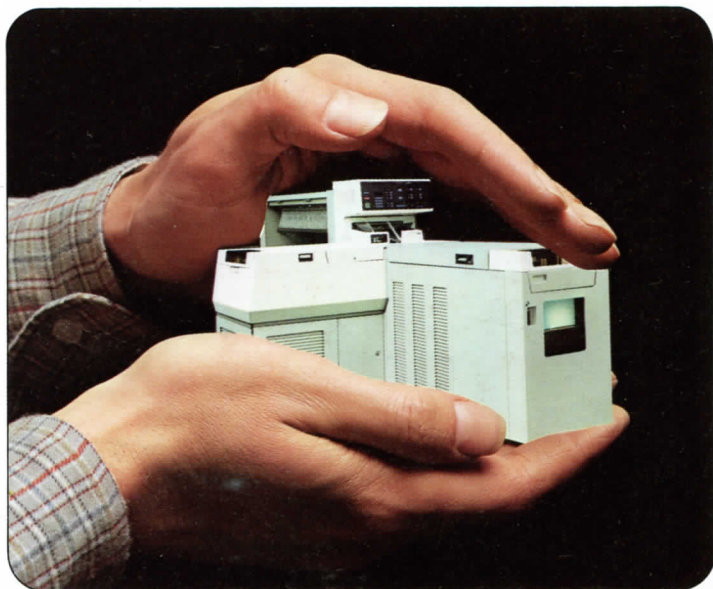


or documents about one inch into the travel path, staying one sheet ahead. The result is less likelihood of double feeding or skewing. And if a jam does occur, the built-in diagnostic support system will help you unravel the problem at once.

The computerised diagnostic system checks all the machine's functions as soon as it is switched on. If it finds a fault then, or during running, it tells you exactly where it is, and what you should do to rectify it.

If the services of an engineer are required, it will guide him straight to the source of the trouble, and help him to put it right in the least possible time.

**Behind every
Rank Xerox
machine there's a
whole team of
professionals**



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Consultation

Consult our specially trained and experienced sales staff on any reprographic problems you have. Our world-wide experience helps us to help you – swiftly.

Service

Every Rank Xerox product is backed by the teamwork and professionalism of our technical service and distribution organisation. Our service representatives are trained to the highest standards in the industry, and respond with speed. For purchased machines, we have an all-inclusive Full Service Maintenance Agreement which provides the same high level of service as we give to our rental customers – with no hidden extra costs. On all rented and FSMA machines, our service representatives include preventive maintenance as part of every service call. All this ensures that you have the highest standard of performance available anywhere.

Supplies

Rank Xerox provides a comprehensive range of quality supplies to support a wide spectrum of applications. Paper is available not only in all standard sizes, and in weights from airmail to card stock, but also in many colours and even pre-punched.

Xerox self-adhesive labels are ideal for repetitive mailings and continual parts identification, and in the audio visual field, prints can be made on Xerox transparencies – suitable for use on our overhead projector and available clear and in four colours – just as simply as making a copy. Xerox transparencies are supported by a full range of audio visual supplies. Most of our machines will also accept Xerox drawing film and a Xerox self-adhesive film which is particularly suitable for repetitive draughting.

The full range of Xerox supplies is quality designed and tested to help you to get the most from your Rank Xerox copier or duplicator.

Specifications

Input

The Xerox 9500 reproduces from opaque, translucent or transparent originals. Using the manually operated flat platen, the 9500 will take originals of up to 305 x 432 mm (12 x 17 in) and it will image from a maximum area of 298 x 432 mm (11¾ x 17 in). Using the automatic document handler, up to 200 80 gsm documents from 203 x 254 mm to 216 x 356 mm (8 x 10 in to 8½ x 14 in) can be reproduced. The automatic document handler can accept originals of 60 to 200 gsm. (80 gsm maximum for 365 mm (14 in) paper.)

Throughput

The output tray holds up to 350 80 gsm prints, from 127 x 203 mm to 216 x 356 mm (5 x 8 to 8½ x 14 in). The sorter will accept prints made on various types of paper ranging from 60 to 200 gsm from 203 x 254 mm to 216 x 356 mm (8 x 10 in to 8½ x 14 in). Each sorter bin has a capacity of up to 100 80 gsm prints.

Output

The rate of reproduction is 120 prints per minute (7200 per hour), with a first copy out time of 8 seconds. The machine has an initial warm-up of approximately 5 minutes.

Reduction Ratios

In normal use, the Xerox 9500 reproduces at 101.7% of the original size. Using the zoom control, ratios from 102% down to 61.5% of the original can be selected. There are also three push button ratios which can be individually set for frequently used reductions.

Paper trays

The main paper tray holds 2500 sheets, and the auxiliary tray 550 sheets, of 80 gsm paper. The Xerox 9500 will accept 60 to 200 gsm paper from either tray.

Dimensions

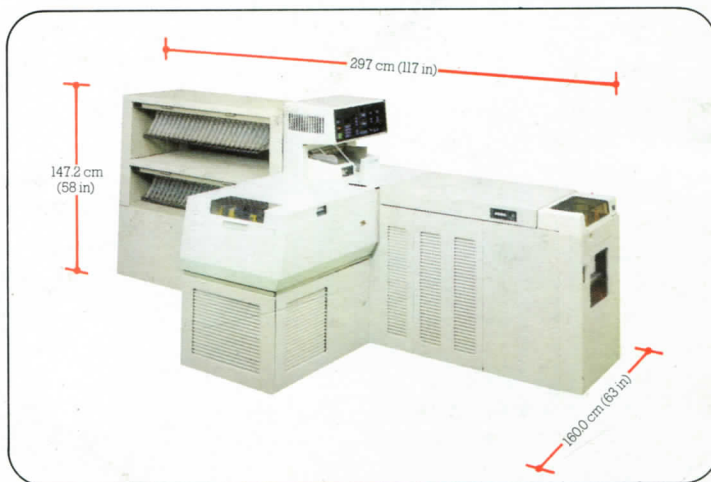
Height: 147.2 cm (58 in)
Width: 160.0 cm (63 in)
Length: 297 cm (117 in)
Weight: 1334 kg (2907 lbs)

Power supply

3 phase/3 wire/50 hztz/196–266 v,
or 3 phase/4 wire/340 to 440 v.
Earth line must be included

Heat output

Standby 5460 btu/hr. Running 23,000 btu/hr.



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The exact location of the machine in relation to walls and furniture depends on the need for adequate ventilation and access for servicing.

Whilst the information contained in this brochure is correct at the time of going to press, Rank Xerox reserves the right at any time to change the specifications of the equipment described herein without notice.