

# Burroughs B 80



# *Burroughs B 80*



# The Problem Solver

Organizations everywhere are grappling with the task of managing information. Whether it pertains to accounting procedures or the overall status of the operation, accurate information is vital to effective management – and securing it is a problem.

**A problem which is solved by Burroughs B 80.** It's compact, easy to use and reliable – and has more power than you'd expect from a system of this size and price. Power to assume daily jobs and complete them quickly and accurately. Power to bring all your operations into focus with comprehensive management reports. Power to make your organization operate more effectively.

Power to solve your problems.

**Power which is entirely manageable.** The B 80 is easy to operate, so present members of your staff can be quickly trained in system use at one of Burroughs Customer Support Centers. In a short time, they will be working with the B 80, fully utilizing the system's capabilities to achieve maximum productivity.

And your B 80 has the capabilities you require: Burroughs provides you the right combination of central processor, application packages and peripherals to meet your current needs. Then, when your needs require greater productivity, the B 80 can be expanded. Easily. Economically.

This is possible through the unique software concept called Computer Management System. CMS allows you to add memory and capabilities, as you need them, to your existing system. Then, as your needs dictate, you can grow to a larger system in the B 80 range, and even into other Burroughs small- to medium-scale systems without changing or recompiling your programs, without changing all of the peripherals. Without problem.

With the B 80, you are assured of a reliable system which will consistently deliver the results you demand. Burroughs backs every system with Burroughs people, who are actively involved in every stage of product development – from inception to installation, and beyond. Some 30,000 marketing and support professionals provide you the service you need, when you need it.

The B 80 is the central solution to your administration problems. It meets your requirements effectively, delivers results efficiently, and becomes a reliable and vital part of your organization.

**Burroughs B 80:**  
*your problem solver.*



# Burroughs B 80



# It's Effective

The B 80 is exceptionally responsive to your particular application needs. A responsiveness which is due, for a large part, to Burroughs Business Management Systems (BMS®) – modular program products which deliver solutions directly to your operation's problem areas.

There are BMS solutions for such lines of business as:

- Manufacturers
- Contractors
- Utilities
- Financial Institutions
- Educational Institutions
- Distributors
- Wholesalers

These application solutions are designed to coordinate the major management reporting functions of your organization – from sales and expenses to complete financial statements on demand. Additionally, there are Burroughs Commercial Business Management Systems modules, which take care of such jobs as invoicing, accounts payable, inventory control, inventory management, accounts receivable, payroll and general ledger. You can use these modules singularly, or in any combination or sequence, to gain greater control over present activities and plan future operations.

Quite simply, Burroughs application solutions allow you to manage effectively. The modules – already designed, written, tested and ready to install – have an immediate and positive impact when used with the B 80. In addition to completing jobs rapidly and accurately, they provide management information, streamline operations and increase profitability – and require minimum operator intervention to produce results.

And you can get the results you need at remote locations. For instance, if your organization requires computer power at branch offices, warehouses or plants, the power of the B 80 can reach these facilities. Therefore, while your central office staff is using the B 80 to process invoices, your warehouse personnel can check stock levels and your plant employees can verify order reports on terminals placed at each location. The B 80 provides an accurate, complete sharing of information – hence, a more effective use of resources.

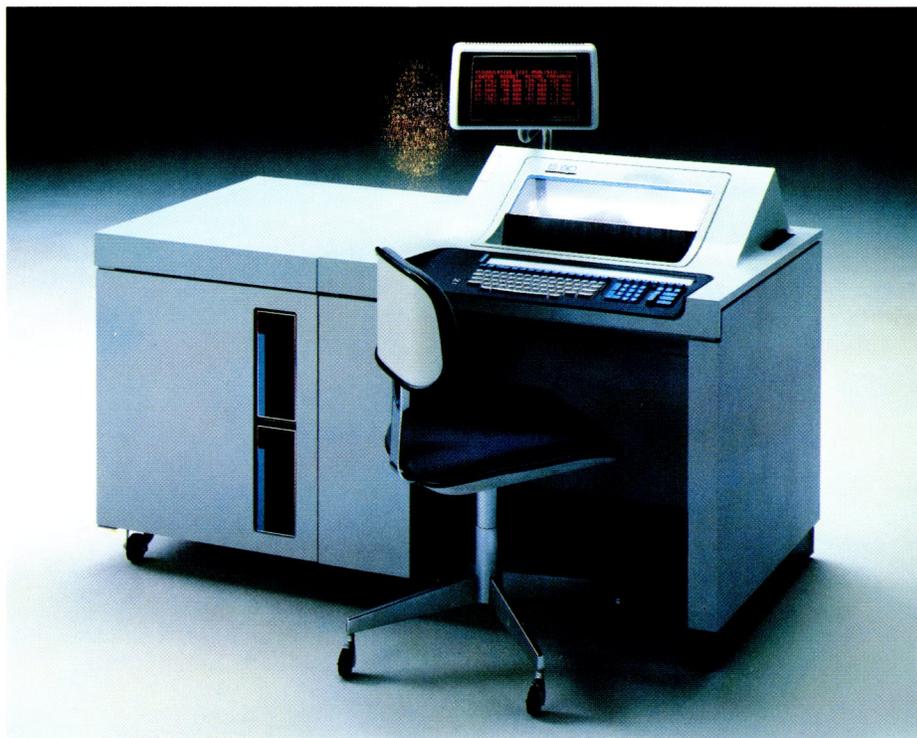
These results are only available from a total system: **Burroughs B 80**. A system which combines a versatile range of application solutions with very advanced hardware, and an operating system which is oriented to current and future requirements.

Additionally, Burroughs marketing and support professionals are ready to provide everything a successful installation requires, from pre-installation and installation guidance to operator training and forms and supplies.

**Including necessary product maintenance.** Burroughs field engineers ensure that your B 80 consistently operates at peak levels of productivity: they're located around the world and are, therefore, within easy reach of your installation.

We look at it this way: you choose Burroughs B 80 because it's a high-quality, high-performance system which produces the results you demand. We're going to make sure it does. Continuously.

**That's effective.**



# Burroughs B 80



# *It's Efficient*

The key: the system's design. Burroughs has developed the B 80 to be extremely efficient, utilizing all of its power to perform rapidly and accurately – and markedly enhancing your organization's effectiveness.

And you see the results as soon as you begin to work with the B 80. It's an easy system to use; because it's operator-oriented, training is completed quickly and on-site use proceeds smoothly. Both types of B 80 keyboards – alphanumeric and numeric – have control keys and indicators which, if so desired, guide the user through the programs and minimize operator errors. Input proceeds at the operator's pace even while the printer and/or disks are handling other jobs.

B 80 users are also assisted by the bright, easy to read console screen, which further ensures efficient use. Inquiries, guidance instructions and data input can appear on the screen, enabling users to continually monitor their progress, the status of the system and to get information from the system while it's processing other work.

The system is entirely manageable, simply because the B 80 – through Burroughs Computer Management System – relieves the operator of many responsibilities. One of the components of CMS – the Master Control Program – automatically assumes such functions as utilizing available memory, selecting necessary peripherals, and assigning system components and files on a job priority basis. In addition, through a capability known as Dynamic Multipro-

gramming, the B 80 can simultaneously execute multiple jobs without operator intervention. Guided by you, the system makes the right decisions for you, providing greater efficiency and simplified operation.

And when you decide it's time for growth, CMS makes it easy and economical. For instance, memory, peripherals and additional BMS and CBMS modules can be added to the B 80 without reprogramming; the operating system recognizes these changes and automatically incorporates them into the system resources.

CMS continues to facilitate growth into larger Burroughs systems. When the time comes, you replace the central processor and are able to continue to use your existing disks, line printers and terminals. **And your B 80**

**programs:** written in universal high level languages – COBOL and/or RPG – they are compatible throughout our small- to medium-scale range of systems. The overall result: investment protection and lasting efficiency.

**And a lasting solution to your problems.** Existing problems, new problems that develop, growth problems – all can be solved by the B 80. The system which meets your need for a readily productive, economical and responsive computer. It's the result of Burroughs 90 years in information management. It's the system which prepares you for the future.

**It's your logical choice.**



# B 80 General Specifications

## Central Processor:

- Clock speed: 1 MHz
- 4 KB ROM and up to 124 KB R/W MOS memory
- Memory access time: 500 nanoseconds/byte
- Up to 11 I/O channels

## Console:

- Buffered numeric and alphanumeric keyboards
- Four operation control keys
- Twenty-four program select keys with indicator lights

## Console Printer and Forms Handler:

- Buffered matrix printer, 60 or 180 characters/seconds
- Print pitch, 10 characters per inch
- 15- or 25.6-inch wide forms handler
- Up to three pinfeeds for operator communication and hard copy data output

## Disk Storage Subsystems:

- Up to six 1 MB Burroughs Super Mini Disk, or
- Up to 27.6 MB of Burroughs cartridge disk, or
- Up to 37.6 MB of Burroughs Fixed Disk

## Input/Output Capabilities:

- Industry Compatible Mini Disk: 243 KB
- Up to two magnetic tape cassette drives [NRZ and/or PE]
- A system display of 256 characters
- Various types of line printers, up to 350 LPM
- Data communication channels for direct connected or modem connected display units and/or printing terminal systems

Remember, with a Burroughs system, you get more than just a computer. You get our 90 years experience in information management, plus system software, application programs, customer training and system support – even the business forms and supplies you need.

See a B 80 in action.

Contact your Burroughs representative today.

## Burroughs

