Burroughs in California

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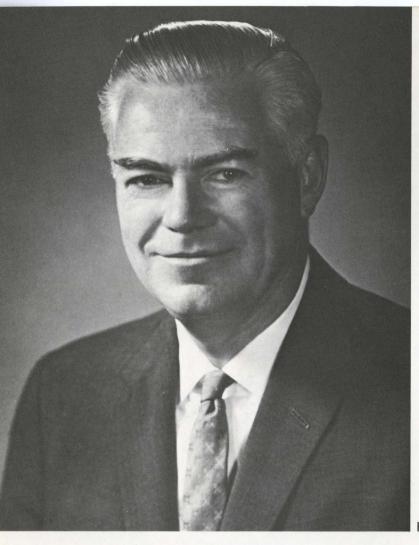
Burroughs Corporation
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Ray W. Macdonald, President

Burroughs is a world leader in the development, manufacturing and marketing of computational products.

The Company is pleased to be part of the growth of California. Burroughs investment in California now exceeds \$90 million, up from \$40 million in 1964. Plans now in progress call for an additional investment of more than \$40 million during the next few years.

This growth has been accompanied by expansion of employment in California, now more than 4,500 persons, an increase of nearly 70 percent over the 2,600 employed in 1964.

As it has dramatically changed into an electronics-oriented company, Burroughs has contributed significantly to the technical expertise of the area. California is the major center for development and production of Burroughs third-generation commercial computer systems and equipment which are shipped to all areas of the free world. Recent expansion has more than doubled the engineering and manufacturing space for electronic products and immediate plans will add 50% more. Burroughs also has large production and distribution facilities in the state for business forms and supplies, an important segment of the Corporation's total line of products.

Burroughs has expanded its marketing facilities and manpower in California to keep pace with the opportunities presented by the state's tremendous growth.

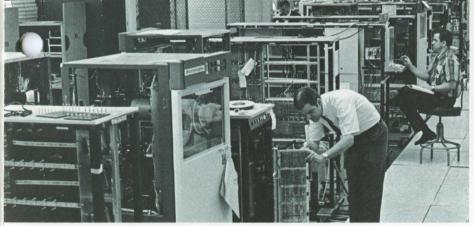
The Company's capabilities to meet all of the computational needs of business, industry, education and government in California is backed by a worldwide organization of 44,000 people operating 44 manufacturing and engineering plants in nine countries and 1,200 marketing offices in 121 countries.



Burroughs has been manufacturing electronic data processing systems in California since 1956 in this facility in Pasadena.



Electronic data processing systems from Pasadena have been installed in a wide range of applications in all parts of the free world. Shown is the medium-sized B 3500 computer.



Excellent records of reliability and efficiency set by Burroughs computers are the result of high standards of workmanship of employees on the production lines in the Pasadena Plant.

#### Pasadena

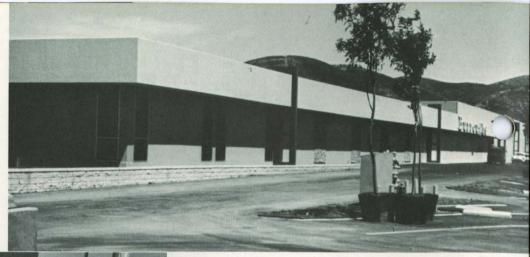
The Pasadena complex manufactures central processors for Burroughs commercial electronic data processing systems and is an important center for design and development of these systems.

Its highly-skilled engineers and technicians have been responsible for a number of Burroughs and industry "firsts" in electronics.

Recent developments have included the quadruple cluster magnetic tape transport and the unique head-per-track disk file memory system.

It was the first Burroughs electronics production facility in California, having been acquired in 1956. Employment is around 3,000 persons.

In addition to the 400,000-square-foot manufacturing facilities, the Pasadena Plant has an 8,000-square-foot Hall of Products where Burroughs newest computer systems are demonstrated. It is also used for training Company and customer personnel.



Burroughs Westlake Plant is located in the newly-developed community of Westlake Village in western Los Angeles county.

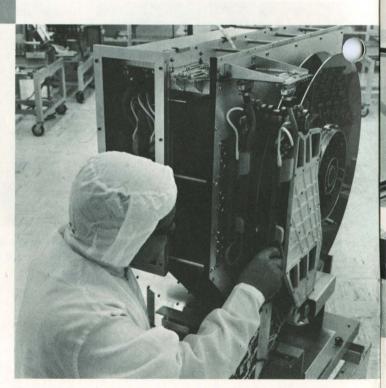
Magnetic tape clusters are a principal product of the Westlake Plant.

#### Westlake

A major factor in Burroughs Corporation's worldwide expansion program is the new 400,000-square-foot Westlake Plant in Westlake Village, a new community in western Los Angeles county.

Representing an investment of \$22 million dollars in land, buildings, tools, machinery and work-inprocess inventory, the plant has been constructed on a 30-acre site and will employ about 2,000 persons when operating at capacity.

Westlake currently is used exclusively for the production of magnetic tape units and disk file memory systems which are used in Burroughs electronic data processing systems.



Designed in California, the famous Burroughs Disk File memory systems are manufactured at Westlake.



Burroughs newest California manufacturing facility is the Carlsbad Plant.



A numerically-controlled drilling machine automatically drills precise holes in printed circuit boards.



A photo printer produces patterns on circuit boards coated with photo-sensitive material.



Quality control is assured by modern inspection equipment which automatically tests thirdgeneration, monolithic circuit boards.

### Carlsbad

Newest California facility, the Carlsbad Plant is designed expressly for the manufacture of precision electronic interconnection products.

Representing an ultimate investment of more than \$19 million, the plant is designed to provide printed circuit boards, flexible conductors, back planes, ground planes and related components for electronic equipment and systems produced in two other California plants, as well as 13 manufacturing facilities elsewhere in the United States and abroad.

A 53-acre site in the city of Carlsbad in northern San Diego county was chosen for this 250,000-square-foot facility. It is the result of the rapidly expanding business in all of the Corporation's electronic systems and equipment lines, supplementing production of precision components from other Burroughs plants and suppliers.

When completed and in full production the Carlsbad Plant will employ more than 1,000 persons.



Largest of eight Burroughs printing plants is the Western Plant at City of Industry.





Among the many products of Burroughs Business Forms and Supplies Group are MICR (Magnetic Ink Character Recognition) bank checks, left, and a wide variety of transfer papers and ribbons, right.

The Western Plant has modern printing equipmen and large distribution facilities to fill the business forms and supplies needs of Southwestern United States.

### City of Industry

Vital link in Burroughs capabilities to provide for the complete computational requirements of California customers is the Western Plant in City of Industry.

This facility is a modern printing and distribution plant for bank checks, specialized accounting systems and other business forms.

Burroughs has been a leader in the industry in the development and production of MICR (Magnetic Ink Character Reconition) printing of bank checoniding a means of reading them electronically.

The Western Plant has 160,000 square feet of space and employs 250 persons.



Headquarters of the Los Angeles district sales office on Wilshire Boulevard.



Headquarters of the San Francisco district sales office at San Jose, Calif.

### Marketing

rough three operating groups, Burroughs orporation markets the industry's most comprehensive range of computational products and services in California.

The Business Machines Group is responsible for marketing commercial electronic data processing systems and business machines in the state. More than 600 highly-qualified personnel sell and service these products from district offices in San Jose and Los Angeles, and from 18 branches and a large number of sub-offices.

This Group also has responsibility for the operation of the electronics plants at Pasadena, Westlake and Carlsbad.

The Business Forms and Supplies Group markets a broad range of accounting forms, bank checks, MICR encoding equipment, business supplies and check protecting, disbursing and signature machines. There are 10 branch offices with more than 100 sales and service personnel in California.

The Group also operates the Western Plant in City of Industry and the Redwood City Plant.

The Defense, Space and Special Systems Group maintains an office in Los Angeles with 20 persons. They are engaged in co-dinating the Group's contractual activities with other Space Age enterprises and the military services.

Burroughs International Group maintains a staff in Pasadena to facilitate exporting of computer systems to overseas destinations.

Burroughs marketing activities in California date back to 1903.



Typical of sales offices in Northern California is the Sacramento branch.



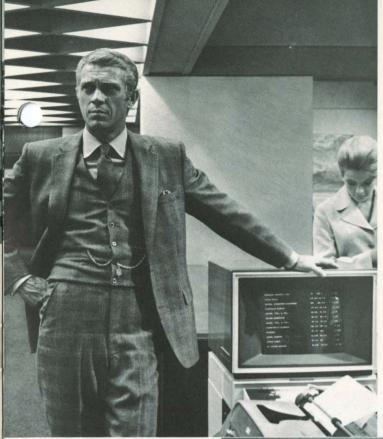


Burroughs has installed many electronic data processing systems for California customers, including the famous B 5500 which is being used in a wide range of applications.

The giant of the industry is the Burroughs B 8500 Supercomputer designed for large corporations and government agencies who need extremely high volume, high speed, time-sharing, real time systems which can handle business and scientific problems of any complexity.



Thousands of California businesses of every size are users of Burroughs electronic and electro-mechanical accounting machines and systems. Systems such as the E 3500, above, feature electronic memories and computation, automatic data accumulation and report preparation.



Burroughs equipment is widely used in the entertainment industry for important computational tasks and also is popular on TV and movie sets. Here is Actor Steve McQueen with an Input and Display System in "The TI s Crown Affair."







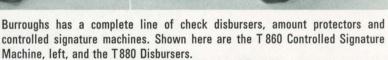
The Burroughs B 606 Teller's Console provides on-line access to a central computer system for instant transaction of customer business in branch offices of financial institutions.

Two of Burroughs newer products which provide rapid two-way communications with computers are the TC 500 Terminal Computer, left, a new concept in on-line systems, and the Burroughs Audio Response System which provides for voice reply by telephone to request made of a computer.



The compact, lightweight C 3000 Electronic Calculators are new additions to the Burroughs lines of small applications machines.



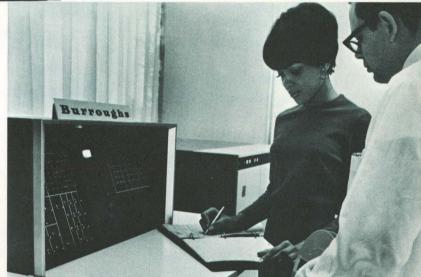




The lightning-fast J700 Printing Calculator, left, is one of more than 20 adding machines offered by Burroughs on the California market. At the right is a MICRIGHT on-premise encoding system, one of several Burroughs devices used by banks to imprint personalized encoded checks.



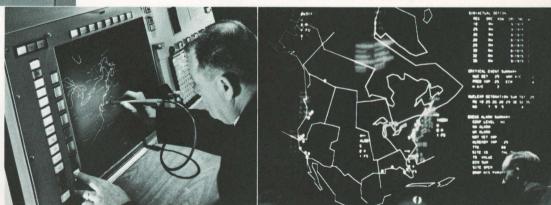
All Burroughs salesmen and field service men in California receive intensive training in their specialties at one of Burroughs schools.



Burroughs conducts thorough schooling for California customers and their employees in the operation of electronic data processing systems and equipment.



Several major post offices in California, including the new Worldway Postal Center at Los Angeles International Airport, have installations of the Burroughs semi-automatic letter sorting machines, each capable of sorting 46,000 letters per hour.



Strategic locations in California equipped with Burroughs electronic equipment are part of the nation's air defense systems. Left, a Burroughs display console for the Air Force BUIC (Back-Up Interceptor) system. Right, the seven-color electronic wall display supplied by Burroughs for the North American Air Defense Command Combat Operations Center in Colorado.

### Burroughs Products

# Electronic Data Processing Systems

Electronic Data Processing Systems

On-Line Real-Time Systems

Time-Sharing Systems

Electronic Data and MICR Item Processing Systems

Specialized Input/Output Systems

Magnetic Tape Transports

Disk File Memory Systems

Remote Terminal Devices

Electronic Teller Consoles

Visual Input and Display Systems

High Speed Magnetic Ink Readers and Sorters

High Speed Printers and Multiple Tape Listers

Paper Tape Readers and Punches

Punch Card Readers and Punches

# General Business Machines and Systems

Electronic Accounting Machines and Systems

Electronic Billing Machines

Electro-Mechanical Numeric and Alphanumeric Accounting Machines

Magnetic Striped Ledger Readers

Card Punches and Readers

Paper Tape Punches

Line Printers

Distribution Machines

Desk Model Bookkeeping Machines

Validating and Receipting Machines

Magnetic Ink Document Encoders

## Small Application Machines

Ten Key and Full Keyboard Adding and Subtracting Machines

Ten Key Printing Calculators

Electronic and Key-Set Calculators

Cash Registering Machines and Cash Control Systems

Check Writers

Controlled Signature Machines

Disbursers

Certifiers

### **Forms and Supplies**

Accounting Forms and Systems

Media for MICR Systems

Safety Paper Checks

Payroll Systems

Continuous Form Checks

Carbon and Carbonless Transfer Machine Rolls and Papers

Solvent-Coated Transfer Papers and Film

Carbon Transfer Ribbons

Inked Ribbons

Register Rolls

Accounting Boards and Binders

Snap-apart Forms

Posting Trays and Stands

## Defense, Space and Special Systems

Custom-Built Large Scale Data Processing Systems

Air/Spaceborne Computers

Missile/Satellite Guidance Computer Systems Radar Data Processing Systems

Mobile Miniaturized Computer Systems

Special Purpose Digital Computers

Fire Control/Navigation Systems

Aircraft and Missile Ground Checkout Systems

Automatic Message Processing and Communications Switching Systems

Digital Communications Terminal Equipment (Electronic, Electro-Mechanical)

Data Conversion and Display Systems

Air Traffic Control Equipment

Worldwide Military Field Services

Advanced R & D Study Programs

Electronic and Magnetic Timers and Time Fuses

Data Processing Memory and Storage Systems

Optical, Solid State and Magnetic Devices

Letter Sorting Machines

## Electronic Components

Micro-Circuits

Numerical Readouts

Alphanumeric Displays

Counting and Decoding Tubes and Devices

Magnetic Cores

Magnetic Thin Films

Computer Memory Stacks

Burroughs



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