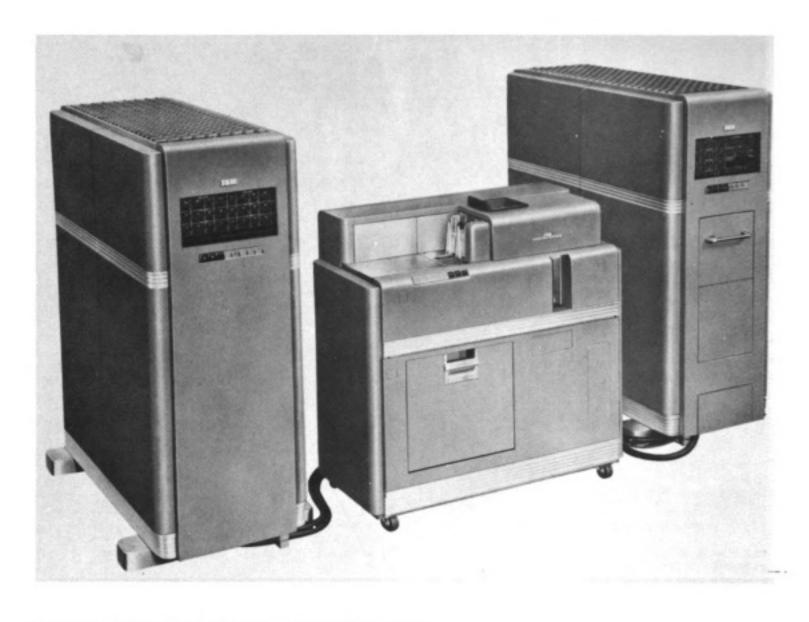
Type 607 Electronic Data Processing Machine

## MANUFACTURER

International Business Machines Corporation



Picture by International Business Machines Corporation

#### APPLICATIONS

Manufacturer Business and scientific calculating.

### NUMERICAL SYSTEM

Internal number system Binary coded decimal Decimal digits per word 3 or 5 Instructions used 10 Arithmetic system Fixed point

Instruction type One or two address

Number range Variable

# ARITHMETIC UNIT

Time Microsec
Add (exclud. stor. access) 520
Mult (exclud. stor. access) 12,940
Div (exclud. stor. access) 15,700
Construction Vacuum tubes
Basic pulse repetition 50 KC
Arithmetic mode Parallel

Timing Synchronous Operation Sequential

#### STORAGE

Media Words Microsec Access Electronic tubes 37 520

#### INPUT

Media Speed Card Reader-Punch 100 cards/min

### OUTPUT

Media Speed Card Reader-Punch 100 cards/min

#### CIRCUIT ELEMENTS ENTIRE SYSTEM

Tubes 2,581 Tube types

134

**IBM** 607

#### CHECKING FEATURES

Check possible through control panel wiring.

## POWER, SPACE AND WEIGHT

Power, computer

13.5 KVA

Space, computer

178.9 cu. ft. 36.5 sq. ft.

Weight, computer 4,330 lbs.

#### PRODUCTION RECORD

Produced

268

Operating

258

Delivery time 12 months

### COST, PRICE AND RENTAL RATE

Rental rates of basic system approximately \$800 per month and up. Rental rate includes engineering maintenance and parts.

#### INSTALLATIONS

Shell Oil Company
New York Life Insurance Company
Consolidated Edison Company, New York, New York
Bausch and Lomb Optical Company, Scientific
Bureau, Rochester 2, New York

#### ADDITIONAL FEATURES AND REMARKS

Monufacturer

The IBM 607 Electronic Calculator is designed for use by business and industry. Because of its expanded capacity, the overwhelming majority of business calculations requiring multiple machine operations are performed and checked in a single operation. It is capable of performing and checking 14,000 computing operations a minute. The "memory" capacity of the 607 makes it possible to use intermediate calculated results as well as original data in solving a problem. Other necessary information not punched in cards, such as tax percentages, discount rates and overtime factors, may be entered as required.

Industrial Sample

Bausch and Lomb Optical Company
The system is utilized for the design of optical
equipment and other scientific calculations.