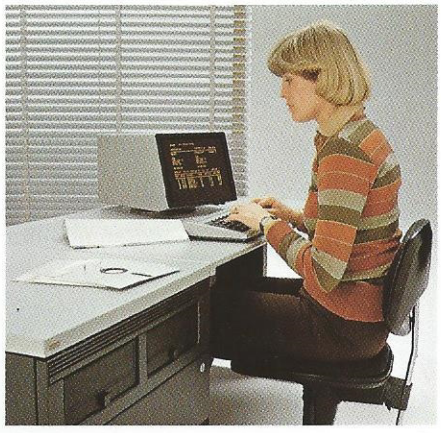
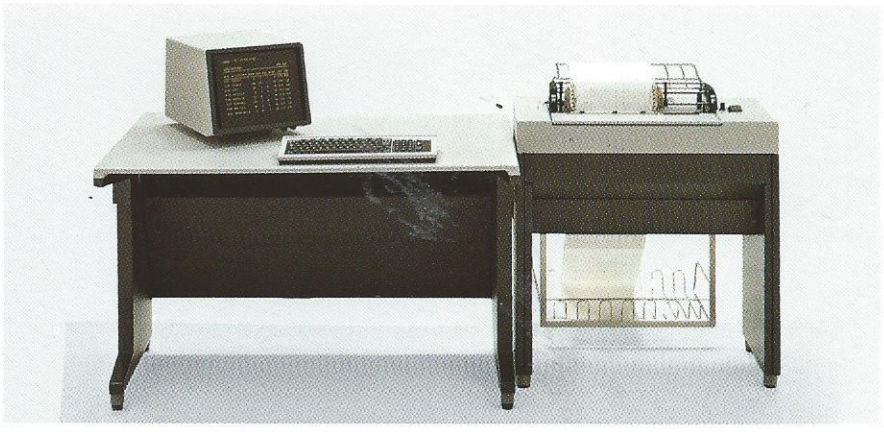
Nixdorf Product Range

NIXDORF
COMPUTER

System range
620



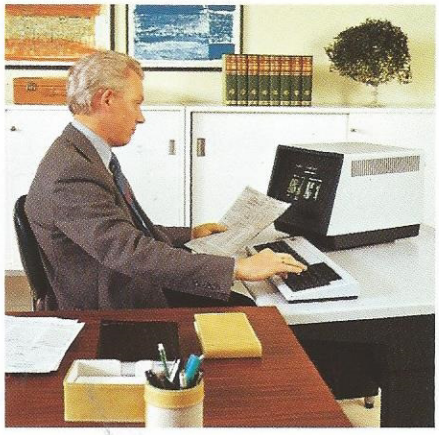


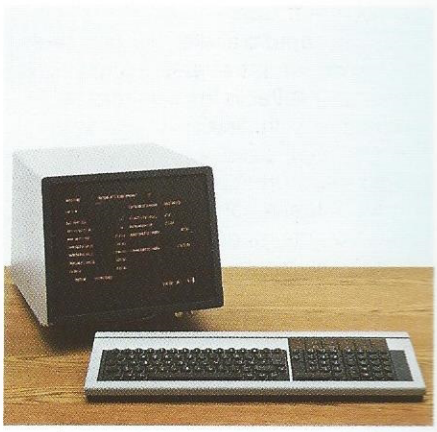
Nixdorf, a manufacturer of computer systems for decentralized data processing, has developed with the 620 series a range of products with modular-designed hardware and software and which is fully compatible within the system range. The 620 is also outstanding for its reliability, ease-of-operation and ergonomical design. It can be used for data collection, pre-processing and data transmission within distributed processing networks.
The Nixdorf 620 is ideally suited for integration in data networks, linking departmental users or satellite locations with central processors or other Nixdorf systems.
Starting as a single-station system, the 620 range offers small and medium-sized businesses a standard and comprehensive solution for their specific requirements. The system characteristics are the same for all configurations.
The Nixdorf 620 is also highly flexible. Storage and processing capacity can be expanded as a business needs dictate.

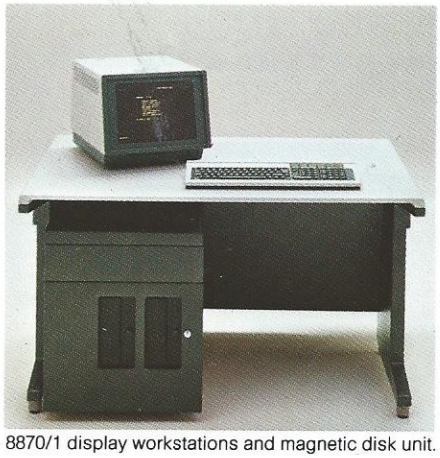
Workstation configuration
of the 620 system
with a variety of peripherals.

System range
8870/1

The 8870/1 magnetic disk system was designed to meet the need for progressive organizational solutions. It can be used in autonomous situations in small and medium-sized businesses as well as for decentralized tasks in the large organization. Its data gathering, processing and information facilities make it ideally suitable for both these requirements.
Depending on the size of company and operation, the 8870/1 can be used as a single or multi-station system. Up to eight computer-workstations can be connected to the central unit. Up to 8 peripheral units can also be integrated within multi-station installations. A big advantage is that the computer can be used simultaneously by different workstations. This means that different jobs can be done without waiting from different locations in a conversational link with computer capacity.



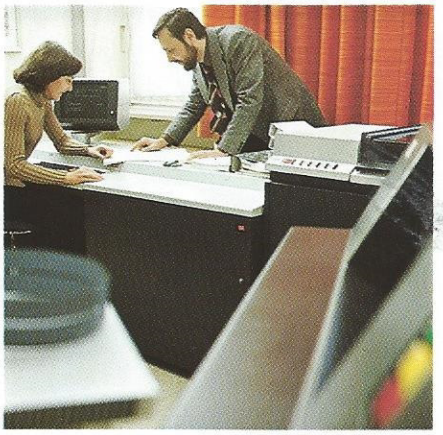


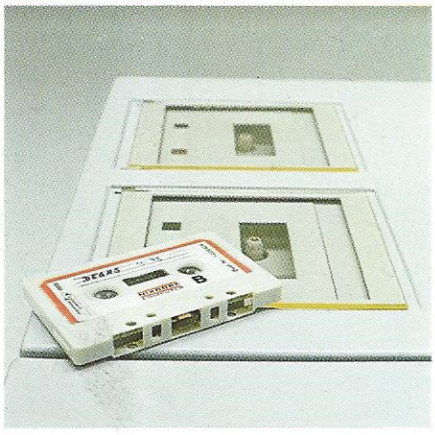


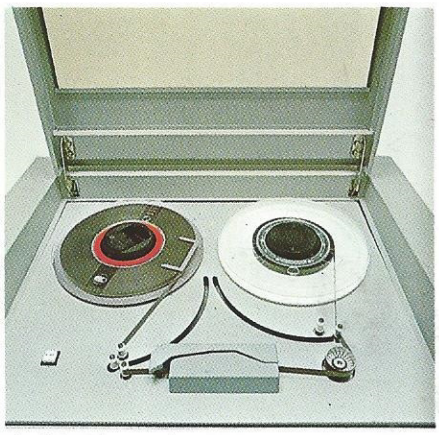
8870/1 display workstations and magnetic disk unit.

System range
8870/2-6

Powerful compact hardware with a wide range of peripherals, remote processing, comprehensive supply of software and programming in languages like Assembler, COBOL and RPG II are just some of the features of the 8870/2-6 range of Nixdorf systems. The applications of these conversational computer systems range from autonomous use in small businesses to integration in large data networks with computers from other manufacturers. These systems are equally useful for decentralized, autonomous tasks in individual departments or branches of large companies and organizations.
They offer all the advantages of workstation-oriented magnetic disk installations. Core size can be extended from 32 to 200 K and the number of display stations from 1 to 14.





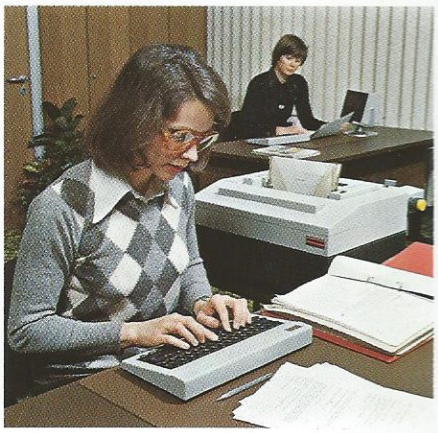


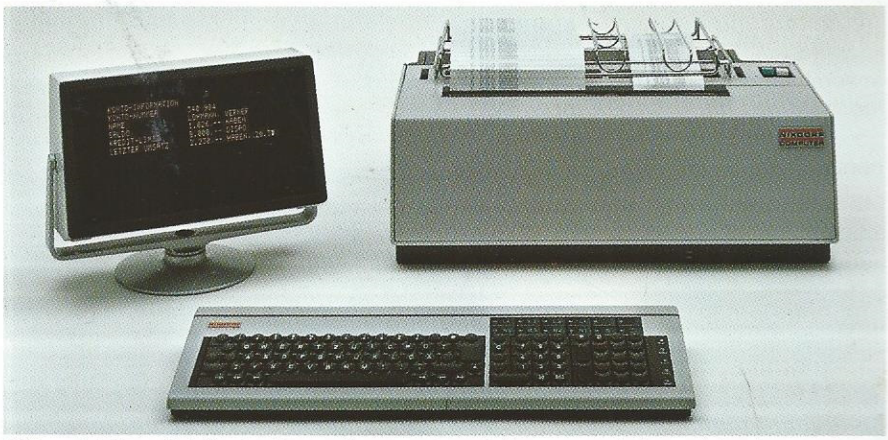
8870/2-6 workstation and data stores: cassette, magnetic disk and magnetic tape.

System range

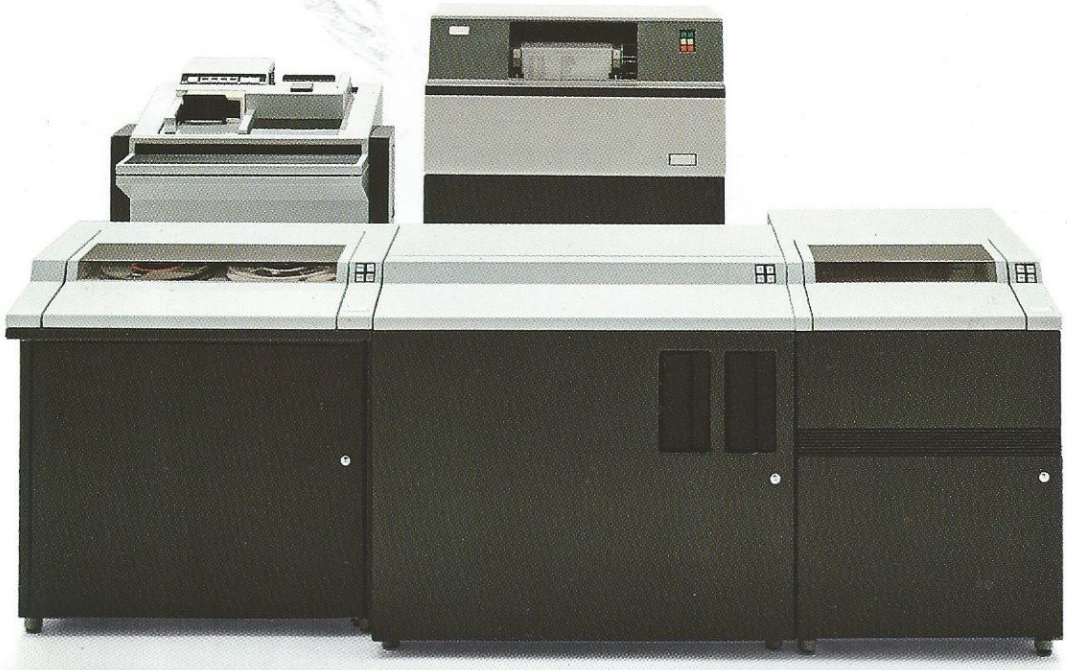
8864

The principal Nixdorf system for banking is the 8864 banking terminal. This is based on a modular design and is supplied with a wide range of peripherals to meet the need for greater automation of repetitive banking operations as well as better customer advice and instant information. Individual workstations can be equipped with the hardware required for specific tasks. Simultaneous operation with different programs can be carried out at up to 16 workstations. The user assigns priorities and decides which files should be kept centrally or decentrally to safeguard security. Storage is on floppy disk, magnetic disk and magnetic tape. Peripherals include a variety of printers, card and cheque readers for sorting and coding as well as various types of keyboards and VDUs. To rationalize over-the-counter transactions, the 8864 also has a Self-Service Centre as a peripheral. This has an automatic cash dispenser for easy withdrawals and a statement printer to provide customers with immediate details of their accounts.



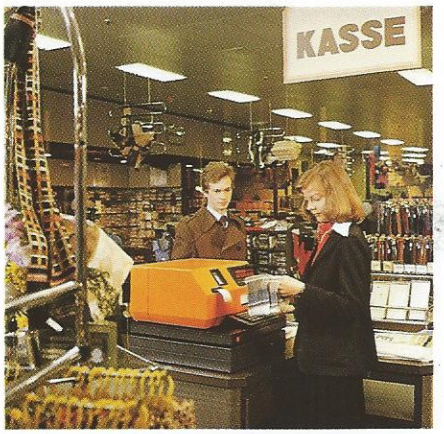


8864 workstations, Self-Service Centre with automatic cash dispenser and other peripherals; central unit (below).



System range
8862/8812

Nixdorf has a wide variety of computer-assisted solutions for retailing operations. The range includes autonomous PoS systems as well as integrated retailing systems combining sales data capture at checkouts with further processing by a central computer.
The Nixdorf 8862 retailing information system is available as the 8862/2 model and the 8862/4. The 8862/2 is supplied with up to four floppy disk drives for the operating system, user programs, files and data. For higher-volume memory requirements, the 8862/4 can be equipped with up to four magnetic disk units.
The 8862 is used in a master-slave configuration with 8812 retailing terminals. In addition to capturing sales data, these terminals also handle incoming goods, order processing and stock control. Their application range is supported by a variety of peripherals. Conversational links with the computer are also provided on workstation displays.

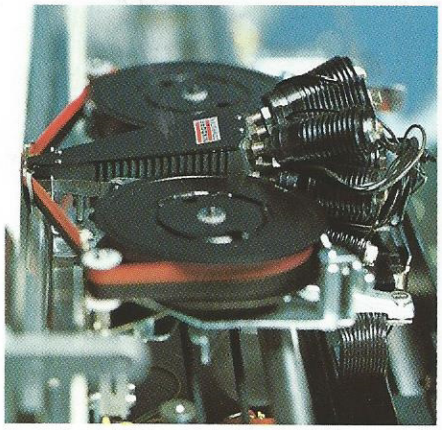


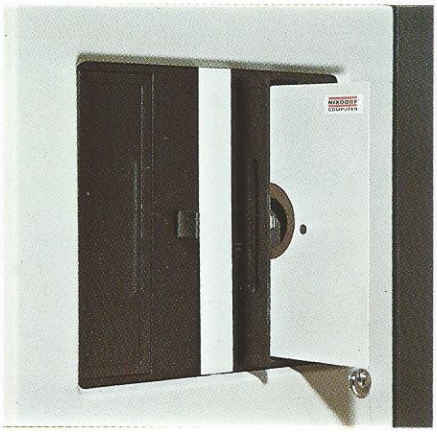
8812 computerized checkout, OCR-A-reader and integrated printer. 8862 central unit with peripherals (below).

System range

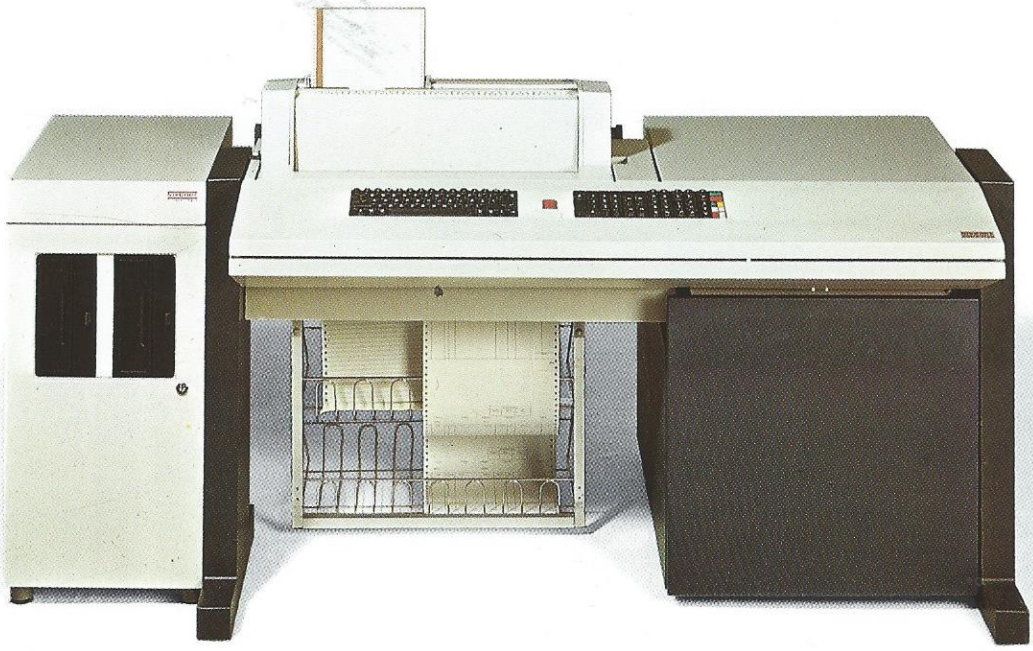
8830

This range consists of Nixdorf invoice and magnetic ledger computers. The 8830 meets the requirements of users who prefer operating with magnetic ledgers. Information, in addition to the optical character form, is also encoded on magnetic strips on the edge of the ledger cards. Each magnetic ledger can accomodate over 2000 characters in numeric or alphanumeric code. Data storage can be increased with floppy disks which also extend the application range. Needle printers, quiet in operation, supply printouts at a speed matching requirements. 8830 standard software is based on the FIRM program package for handling order processing, invoicing, stock control, payroll work, accounting and other functions.



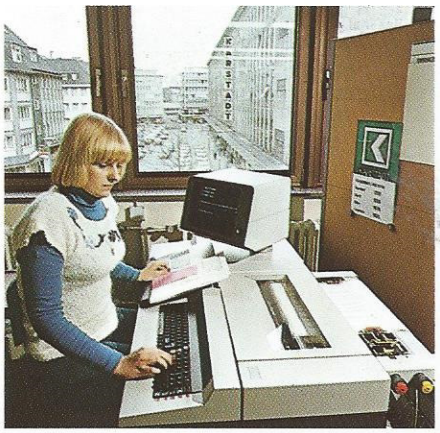


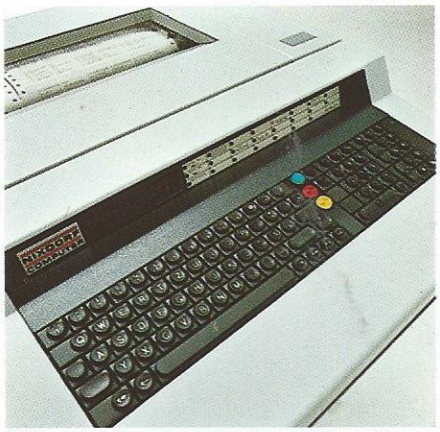
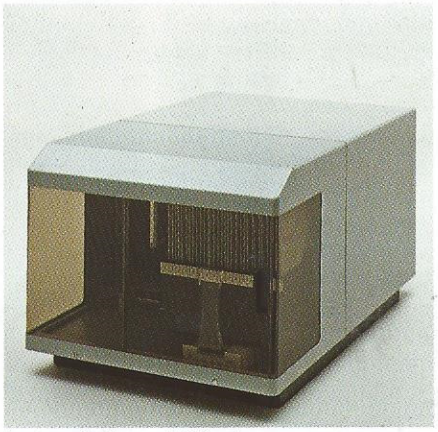
8830 system, needle printer and floppy disk drives.



System range
8820

The intelligent, freely programmable 8820 data capture and terminal system is intended for use at satellite locations. It is equally suitable for workstation processing, with direct entry to data files on floppy disks, and for operating on-line with a central processor. Special effort went into making this user-oriented system easy to operate. It gives users a convenient, conversational link with the terminal on 480, 960 or 1920 character displays.
The same user-oriented concept is reflected in the programming which can be done in problem-oriented PL/1 or in BASIC. A special software feature is the data capture generator, permitting standard data capture without any additional programming outlay.

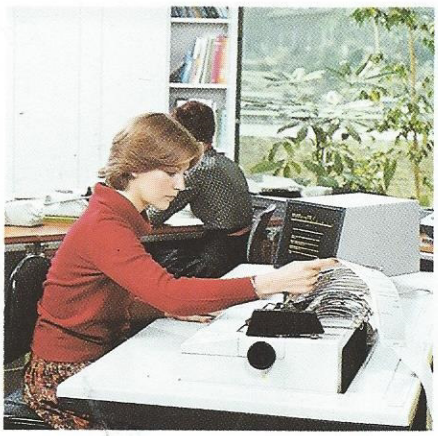


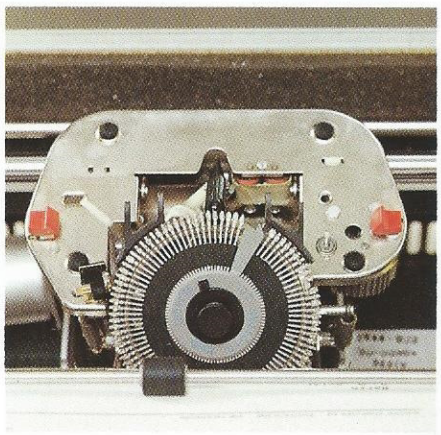



8820 workstations, console with operator-guidance and automatic floppy disk feed.

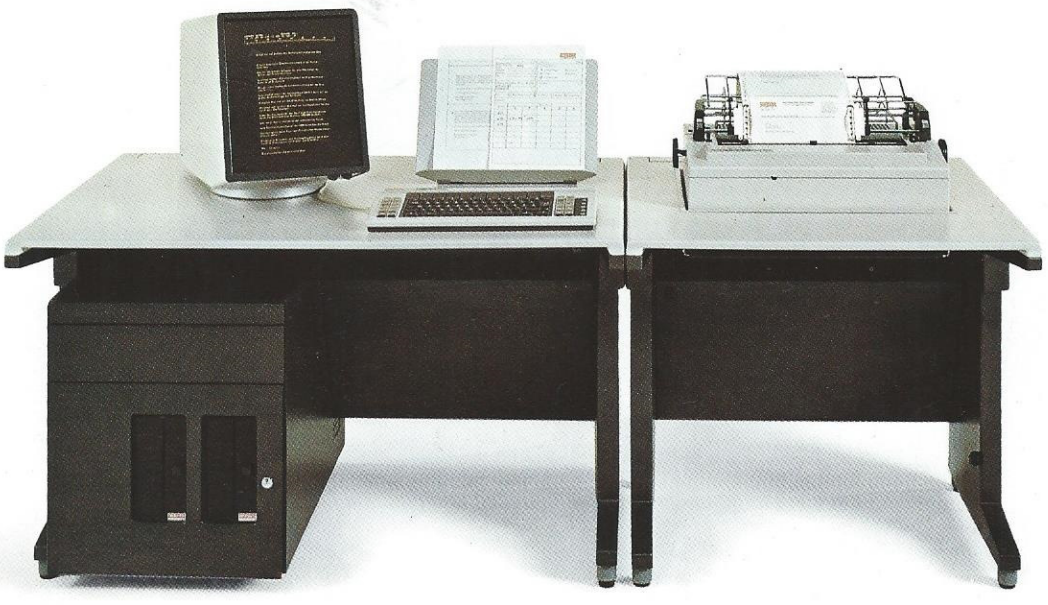
System range
8815

The 8815 word processing system is the Nixdorf contribution towards rationalizing office correspondence. In addition to automating letter-writing, this system also offers users new organizational possibilities with the use of displays and direct access stores like floppy disks.
One of the outstanding features of the 8815 system is its ease-of-operation. It uses a powerful minicomputer as cpu and floppy disks for data storage. The system desk has a height-adjustable top accomodating all functional elements, which can be adjusted individually. A quiet and efficient typewriter keyboard is used for input.
The display, with orange-coloured lettering to avoid eye-strain, indicates written text instantly. Individual characters, whole sentences or the entire text are easily edited and corrected. Finished correspondence is either printed immediately on a fast printer or stored on a diskette.
The system can be wired to a computer and permits a single printer to be used jointly from two workstations. The modular design of the hardware is enhanced by an operating system and software that give the user effective support in mastering any word processing task.





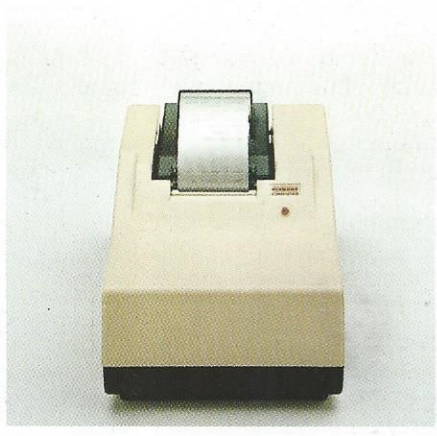
8815 workstation, print wheel and keyboard.



System range

8811

Workstation-oriented computer systems are the direct result of the need to make computer-aided techniques more readily available were the work is. Nixdorf products have always been based on a workstation-oriented concept. This principle was again behind the development of the 8811 system – the Nixdorf telephone terminal.
The 8811 Datatel can be used in the normal way as a standard telephone. Simultaneously, it offers extensive possibilities for alphanumeric data input/output and transmission. It ist the sort of system that convincingly meets the need of a large group of users for a system that combines and increases the advantages of communications and computer technology.
The Datatel peripherals can be configured to suit the needs of individual users. These include an alphanumeric keyboard, as an optional extra to the standard numeric keyboard, display, punched card reader, identity card reader and different types of printer. The Datatel also provides oral response to computer inquiries.



8811 workstation, basic unit and printer peripherals.

Nixdorf Computer AG · Fürstenallee 7 · 4790 Paderborn · Germany
Tel. (0 52 51) 2 00-1 · Telex 09 36 791-1-9