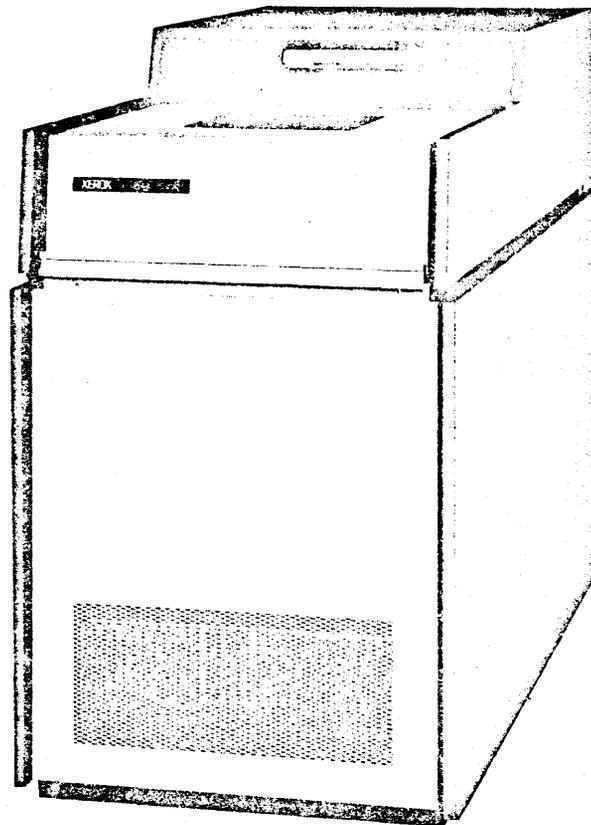# Xerox Models 3275/3276 Removable Disk Storage Systems and Model 3277 Disk Drives

Xerox Models 3275/3276 are large capacity, high performance, removable disk storage systems. Modularity in packaging and design makes a low average-access-time system available in configurations ranging upward from 200 million bytes unformatted. The Model 3275 consists of a Controller/Processor and two Model 3277 disk drives. The Model 3276 is a larger capacity system, consisting of a Controller/Processor and seven Model 3277 disk drives.

Expansion of either system is achieved by adding Model 3277 disk drives, to a maximum of fifteen. Dual access to the system, optionally available, is configured by adding a second Controller/Processor and Dual Access option per drive. The removable storage medium is the Model 3279 eleven-high, 19-surface disk pack.
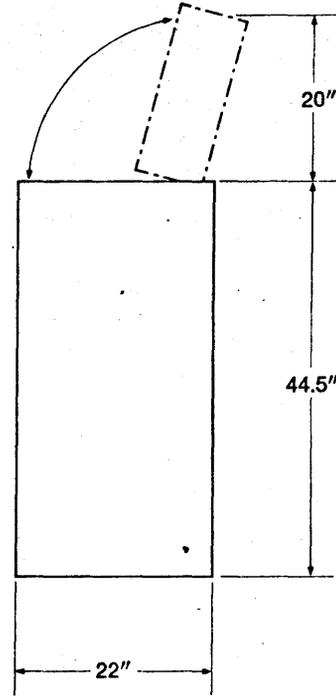
Xerox Models 3275/3276 Removable Disk Storage Systems and Model 3277 Disk Drives

Features
□ ELECTROMAGNETIC HEAD POSITIONER — 30 msec. average cylinder access time
□ INDUCTO-SYN TRACKING — optimizes head positioning precision
□ DUAL ACCESS — allows simultaneous read/read, read/write or write/write on any two spindles in a set of fifteen
□ INDEPENDENT SEEK OPERATIONS — allows overlapping of seek operations to minimize access times on multiple spindle systems
□ FAULT DETECTION AND CORRECTION LOGIC — for integrity of data
□ AUTOMATIC ALTERNATE TRACK SEEK — allows bypassing of flawed tracks

Specifications

Recording Format	1024 bytes/sector
	404 tracks/surface
	(plus seven alternates)
	19 recording surfaces
Spindle Capacity (unsectored)	100,000,000 bytes
Nominal Access Time	
Seek	30 msec. average
	(10-55 msec.)
Rotational Latency	8.3 msec. average
	(0-16.7 msec.)
Transfer Rate	
Instantaneous (per sector)	806,000 bytes/sec.
Cable Lengths	
Controller to Last Drive	100 ft. maximum
	(30.5 meters)
Physical Dimensions (approx.)	
Model 3277 Disk Drive	
Height	39.5 in. (100 cm.)
Width	22 in. (56 cm.)
Depth	44.5 in. (176 cm.)
Weight	700 lbs. (318 kg.)
Controller/Processor	

Space is provided within the host mainframe.

FRONT

NOTE: All dimensions are approximate.