

StorageTek

*High capacity.
High performance.
Mixed media. For
large multiplatform
environments.*

TimberWolf

A u t o m a t e d T a p e L i b r a r y

9740



- **Advanced rotational robotics**
- **Sophisticated camera-based vision system**
- **400 GB to 25 TB of data storage (uncompressed)**
- **326- to 494-cartridge capacity**
- **Supports DLT, Timberline or RedWood drives**
- **Up to 350 exchanges/hour**
- **14-cartridge access port**
- **10-cartridge removable magazine**

Many companies and organizations are consolidating workgroup and department servers into centralized computing facilities. StorageTek's TimberWolf™ 9740 automated tape library combines the high-capacity and high-performance characteristics of StorageTek's industry-proven Nearline® family of automated data storage solutions with the scalable, flexible features that have become a hallmark tradition of the TimberWolf storage family. In short, the TimberWolf 9740 is the perfect solution to handle

the data storage complexities of larger multiplatform environments.

MIXED-MEDIA CAPABILITIES FOR PERFORMANCE AND CAPACITY

The TimberWolf 9740 is the perfect solution to handle the high data storage capacity requirements of today's complex business applications. Its unique mixed-media design enables integration with high-performance TimberLine® 9490 36-track and high-capacity DLT® 4000 and DLT 7000 tape drives, as well as with high-capacity RedWood® SD-3 helical tape systems.

ADVANCED ROTATIONAL ROBOTICS AND A UNIQUE VISION SYSTEM

The TimberWolf 9740 offers the same reliable high-speed rotational robotics found on other TimberWolf solutions. Critical calibration functions and tape cartridge bar code reading are facilitated by a unique camera-based vision system developed and built by StorageTek.

SMALL FOOTPRINT FOR EVER-SHRINKING DATA CENTERS

The TimberWolf 9740 operates in smaller computing environments, with no special power or airflow requirements. And though it provides high storage capacity, the system has a small footprint. This enables installation in areas where space may be at a premium.

TIMBERWOLF 9740 SPECIFICATIONS

FUNCTIONAL DATA

Number of cartridge slots	326 or 494 (with expansion door)	
Number of drives	Up to ten DLT 4000 or DLT 7000 drives, or two to four TimberLine, or one to four RedWood drives	
Library Capacity (494 slots)	Uncompressed	Compressed (2:1)
TimberLine (cartridge capacity 800 MB)	395.2 GB	790.4 GB
RedWood (cartridge capacity 50 GB)	24.7 TB	49.4 TB
Library Throughput (10 drives)	Uncompressed	Compressed (2:1)
DLT 4000	54 GB/hr	108 GB/hr
DLT 7000	180 GB/hr	360 GB/hr
Media	DLTtape IV or 3480, 3490E or SD-3 helical	
Average cartridge access time	Five seconds	
Audit time	Less than two minutes	
Robotics control	ACSL; SCSI-2 media changer command set optional	
Bar code reader	Standard, camera-based vision system	
Calibration	Automatic	
Drive cleaning	Automatic, library or software initiated	
Control panel	User-friendly configuration and diagnostic controls, status display and viewing window	
Serviceability	Hot swappable drives*; RS-232C port for diagnostics	

*(without affecting library operation;
channel integrity must still be maintained)

RELIABILITY

MEBF (Mean Exchanges Between Failures)	1,000,000
MTBF (Mean Time Between Failures)	70,000 hours (full operation)
MTTR (Mean Time To Repair)	Less than 30 minutes

PHYSICAL DATA

Dimensions: in. (cm.)	
Width	46.0 (117)
Height	72.0 (183)
Depth (base unit)	No drives 30.3 (77); 40.3 (87.7) with expansion door
	TimberLine drives 54.0 (137); 64.0 (163) with expansion door
	RedWood drives 59.0 (150); 69.0 (175) with expansion door
DLT Dimensions (WxHxD)	29.0 x 72.0 x 15.0 (73.6 x 183 x 38.1)
Weight (library only):	640 lbs (290 kg); 719 lbs (326 kg) with expansion door

ENVIRONMENTAL DATA

		Operating	Storage	Transit
Temperature	° F	+59 to +90	+50 to +104	-40 to +140
	° C	+15 to +32	+10 to +40	-40 to +60
Humidity		20% to 80%	10% to 95%	10% to 95%
Wet bulb (Max., non-condensing)	° F	+85	+95	+95
	° C	+29	+35	+35
Altitude		-250 to 10,000 feet (-76 to 3,050 meters)		

POWER SOURCE

Power input	90 – 264 VAC @ 47 – 63 Hz single phase (auto ranging)
Power consumption (max)	
Library	1.67A @ 120V, 0.83A @ 240V, 683 BTU/hr
DLT 4000 drive	0.8A @ 120V, 0.42A @ 240V, 342 BTU/hr
DLT 7000 drive	0.92A @ 120V, 0.46A @ 240V, 375 BTU/hr
Drives	See TimberLine and/or RedWood specifications

AGENCY CERTIFICATIONS

Safety	CSA standard CAN/CSA-C22.2 no. 950-M93 UL standard 1950, Third Edition; EN60950
Emissions	FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union CE emissions standards AS/NZS 3548:1995 (Australia, N.Z.); ICES-003 (Canada)
Immunity	European Union CE immunity standards AS/NZS 4252.1:1994 Generic Immunity Standard



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