

Q40 AUTOMATED TAPE LIBRARY

No one protects your data better.



Every business is vulnerable to the harmful effects of data loss. But for small and mid-sized companies (SMB), the cost of downtime is even more devastating. So where can you turn for a reliable, cost effective solution? Breece Hill's Q40 automated tape library provides a scalable storage solution to protect your business critical data. The Q40 addresses your unique business challenges and helps manage your critical data with ease.

MANAGE YOUR SHRINKING BACKUP WINDOW

Are your growing data requirements putting a strain on your network? Breece Hill's Q40 gives you the highest levels of performance and capacity to process data quickly and efficiently. Manage your growing data volumes in less time and maintain maximum availability for your business operations.

PROTECT YOUR BUSINESS INVESTMENT

Breece Hill's Q40 is designed to grow with your expanding data requirements. The library holds one or two LTO tape drives, giving you excellent cost and performance value. Start small with one tape drive and move to two when your requirements demand it. You can start with 24 tape cartridges and expand to 32 or 40 as needed.

If you have a Breece Hill data protection appliance, the Q40 offers expansion capability for increased power. For your backup/recovery, compliance and archiving applications, add an additional 32 TB to your existing 8 TB of storage for increased data protection.

Support your existing environment with Breece Hill's Q40. This product has been tested and certified to work with industry leading servers, operating systems, and backup software. Whether you need storage automation for a small business, corporate department or regional office, Breece Hill's Q40 delivers sophisticated and reliable data protection.

ENHANCED DATA PROTECTION

Increased capacity and performance

The Q40 helps you beat your backup window and protect your critical data. Store up to 32 TB at a transfer rate of 1.15 TB/hour.

Easy to use and portable

Tape cartridges are stored in four removable magazines for bulk loading of media and for transferring magazines conveniently offsite. An easy-to-use front panel helps manage the import/export of magazines.

Meet compliance regulations

The Q40 uses standard or WORM cartridges and software to automatically manage your data lifecycle. LTO-WORM cartridges meet data authentication and compliance standards.

Scales with your business

With the Q40, you can start small with one tape drive and move to two when your requirements demand it. Select tape cartridge capacity in sets of 24, 32 or 40 for added flexibility.

Easy Integration

The Q40 is also compatible with most backup applications and operating systems.

Unmatched service

Designed for 100 percent field serviceability, the Q40 comes with a standard 1-year warranty and 24x7 help desk.



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SPECIFICATIONS

Tape Library

Number of drives	1, 2	
Number of cartridges	24, 32, 40 (by license keys)	
Media	LTO 3 or LTO 3 WORM	
Library storage capacity		
Native	16.0 TB	
Compressed	32.0 TB	
Transfer rate	1 Drive	2 Drives
Native	288 GB/hour	576 GB/hour
Compressed	576 GB/hour	1,152 GB/hour
Barcode reader and labels	Yes	
Remote management	Yes	
Host interface	SCSI LVD	
Management interface	i0Base-T/i100Base-TX	
Service interface	RS-232C	
Performance		
Cartridge Access Time	15 sec (average)	
Initialize Time	Less than 150 sec	
Inventory time	Less than 85 sec	
Robotics Reliability		
MSBF	More than 3,000,000	
MTBF	250,000 hours (on-hours)	
Power requirements	AC100–240 V,50/60Hz (auto-ranging)	
Maximum power consumption (1 drive)	140 W	

Dimensions

Height	7 in. (17.8 cm)
Depth	32.5 in. (82.5 cm)
Width	19 in. (48.1 cm)
Weight	Less than 82 lb. (37 kg); 1 drive installed

Environmental, Compliance, and Agency Approvals

Operating Temperature	+50 F (10C) – +95 F (35C)
Operating Humidity	20% to 80% H (non-condensing)
Safety	UL 60950, cUL (CSA 22.2-60950), IEC 60950, CB Report
Emissions	FCC Part 15 Class B, CISPR 22 Class B
Europe	RoHS Compliant

Operating Systems and Applications

Operating systems	Windows®, HP-UX, Solaris, AIX, Linux
Backup software (including planning)	BrightStor ARCserve, Backup Exec, EMC Retrospect, NetBackup, NetWorker, NetVault, Tivoli™, Data Protector

Warranty and Service

Standard	1-year return to factory
Options	Upgrade to faster response and extended time period
Spares	Customer replaceable magazines and tape cartridges



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