

Tandberg SuperLoader™

The Tandberg SuperLoader provides automated scalable tape automation in a rack-mountable 2U form factor as well as the high capacity, performance and reliability of DLTtape™ technology.

SDLT 3520L and DLT 1280L Autoloaders



- Up to 3.5Tbyte in a 2U (3.5-inch high) rack-mountable form factor
- Choose performance or value with either SDLT220 or DLT1 tape drives
- Scalable capacity from 640GB* to over 3.5TB* with up to 16 cartridges via one or two eight-cartridge modules
- Modular architecture for fast and easy configuration, service, and upgrades
- Web-based integrated management tools for remote configuration and control
- Mail slot for “on-the-fly” cartridge import and export
- High performance robotic cartridge handling for rapid and reliable access to data
- Optional bar code reader for expedited inventory management
- Platform designed for future support of emerging architectures and protocols
- Backward-read compatibility to millions of DLTtape media cartridges for maximum investment protection

Rack optimized Unattended Tape storage

Data center space in network environments is at a premium resulting in new efficient architectures for servers and storage. The Tandberg SuperLoader is a significant advancement in rack optimized tape automation providing the highest removable data storage density available in a 2U high form factor.

Modular Architecture

The SuperLoader system is based on a modular architecture that facilitates unmatched upgradeability, serviceability and configuration flexibility. The tape drive, power supply, cooling and interfaces are contained within a single module that can be replaced or upgraded in seconds. In addition, all 16-cartridge storage slots are contained in two removable, eight-cartridge modules. This allows users to start with an entry-level configuration and easily upgrade capacity and performance as their needs change.

Integrated Remote Management

The Tandberg SuperLoader system is equipped with an Ethernet port that provides direct access to its integrated web-based management tools, without the need to install additional interfaces or software. Using a standard web browser, remote IT personnel can configure, control, monitor, diagnose, maintain and update the SuperLoader system. In addition, the SuperLoader system supports the industry-standard SNMP management information base utilized by popular network management packages.

Backward Compatibility

Like all Tandberg DLTtape products, the Tandberg SuperLoader system is designed to provide investment protection by offering backward compatibility to millions of DLTtape media cartridges. The SuperLoader SDLT 3520L provides backward read compatibility with millions of DLTtape IV media cartridges recorded on DLT1/VS80, DLT4000, DLT7000 and DLT8000 formats, while the SuperLoader DLT 1280L can read the DLT1/VS80 and DLT4000 format.

* using 2:1 compression

TECHNICAL SPECIFICATIONS

SuperLoader	SDLT 3520L	DLT 1280L
Formatted Capacity		
Native:	1760GB	640GB
Compressed 2:1	3520GB	1280GB
Performance		
Native:	11Mb/sec	3Mb/sec
	39.6Gb/hr	10.8Gb/hr
Compressed 2:1	22Mb/sec	6Mb/sec
	79.2Gb/hr	21.6Gb/hr
Interface	Ultra2 SCSI/LVD	Ultra2 SCSI/LVD
Burst Transfer Rate:	80 Mb/sec	20 Mb/sec
Typical Cycle Time	40 seconds	40 seconds
Initialize Element status	90 seconds	90 seconds
Mail Slot (I/O Port)	YES	YES
Reliability		
MTBF	1,000,000 Hours	1,000,000 Hours
MCBF	1,000,000 Cycles	1,000,000 Cycles
Warranty	3 Years	3 Years
Physical Specifications		
Form Factor	2U	2U
Weight (with one cartridge modul)	50Lbs/22.7Kg	50Lbs/22.7Kg
Width	17.6"/45cm	17.6"/45cm
Length	27.67"/75.46cm	27.67"/75.46cm
Height	3.5"/8.9cm	3.5"/8.9cm
Environmental Limits		
Operating		
Ambient Temperature	50 to 95 deg F / 10 to 35 deg C	50 to 95 deg F / 10 to 35 deg C
Non-Condensing Relative Humidity	20% to 80%	20% to 80%
Non-Operating		
Ambient Temperature	-31 to 149 deg F / -35 to 65 deg C	-31 to 149 deg F / -35 to 65 deg C
Non-Condensing Relative Humidity	+10%-90%	+10%-90%
Power Specifications		
Line Voltage	60 Hz system 90 to 265 VAC	60 Hz system 90 to 265 VAC
	50 Hz system 90 to 265 VAC	50 Hz system 90 to 265 VAC
Line Frequency	47 Hz to 63 Hz	47 Hz to 63 Hz
AC Input Current	60 Hz system 4.0A(RMS) for 115VAC	60 Hz system 4.0A(RMS) for 115VAC
	50 Hz system 4.0A(RMS) for 230VAC	50 Hz system 4.0A(RMS) for 230VAC
Power Consumption	60Hz = 75 W; 50 Hz = 80 W	60Hz = 75 W; 50 Hz = 80 W
Product Safety Compliance		
EMI	EEC Directive 89336 CE BS6527(UK) EN55022 (EU) EN55024 (EU) CFR 47, 1995 FCC Rules Part 15B (MDOC) IECS-003 Canada V-3/97.04 VCCI Class B (Japan) AS/NZS 3548 Australia / New Zealand (C-tick Mark) CNS 13438 BSMI Class A Taiwan	
Safety	US (UL 1950) Canada (CSA C22.2 no 950) Europe (EN60950/IEC 950)	
Software and Platforms		
See the most recent Tandberg Data Software Compatibility Guide for complete list of software and platforms compatible with the Tandberg SuperLoader at www.tandberg.com		

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