

# OVERLAND STORAGE POWERLOADER™ TAPE AUTOLOADER



Take the affordability and convenience of an entry-level autoloader and add more capacity and performance and what do you get? You get Overland's PowerLoader—always there to simply, reliably and affordably protect small and medium-sized office networks.

## AFFORDABLE

If your backup, recovery and archive needs are outpacing what standalone drives and small autoloaders can deliver, then look to Overland's PowerLoader for the best possible value. PowerLoader lets you keep pace with your backup and archive needs while minimizing the impact on your budget. Start with a configuration your budget can afford and add tapes or a second tape drive as your storage needs grow.

## MORE CAPACITY

Delivering nearly 14 TB of capacity, PowerLoader more than doubles the backup capabilities found in other tape autoloaders. In addition, PowerLoader is the only tape autoloader that delivers dual-drive capability allowing you to upgrade your single-drive unit to a more powerful dual-drive unit. That means faster performance, tape duplication and redundancy capability.

## CONVENIENT

No more worrying about losing your data, someone remembering to do backups, getting the backups done correctly or being able to backup or archive fast enough. Save yourself time and headaches by letting PowerLoader protect your data for you. Supporting LTO and SDLT tape drive technologies, the PowerLoader fits conveniently into existing networks and gives you a variety of capacity and performance choices to meet your growing storage needs.

PowerLoader includes many features normally found in more expensive tape libraries—features that make your backup and archive process as simple

as possible. Removable magazines make it easy to load/unload media and store cartridges offline. PowerLoader's front panel display makes it easy to navigate through setup and diagnostic functions.

If you're a typical small business or remote location, your IT resources are extremely limited. PowerLoader conveniently handles your backup and archive operations, letting you put those resources to better use.

## COMPATIBILITY TO KEEP YOU CONNECTED

PowerLoader is supported on all major operating systems, including HP-UX, IBM AIX, Linux Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 and more. For the most current information on compatibility, visit our web site at [www.overlandstorage.com](http://www.overlandstorage.com).

## SERVICE YOU CAN COUNT ON

PowerLoader is supported by a 3-year, XchangeNOW service plan. Additional on-site service options are available in most areas.

## EXPERIENCE YOU CAN TRUST

With 25 years of experience in data protection solutions, and expertise in both disk and tape technologies, Overland meets the needs of IT professionals worldwide by delivering D2D and D2D2T solutions that optimize the data backup, recovery and archive process. With award-winning designs, patented technologies, superior reliability, first-class sales and support, and a variety of solutions to meet a number of different needs, Overland Storage is the right choice for your data protection needs.

- Up to 13.6 TB capacity
- Removable cartridge magazine
- 15-17 cartridges / 1-2 tape drive
- LTO-2, LTO-3, or SDLT320



<b>DRIVES AND MEDIA</b>				
Drive type	LTO-3	LTO-2	SDLT 320	
Media type	Ultrium-3	Ultrium-2	Super DLtape 1	
<b>AUTOLOADER CONFIGURATION</b>				
Number of cartridges	17	17	15	
Number of magazines	1	1	1	
Number of drives	1-2	1-2	1-2	
<b>CAPACITY</b>				
Native capacity – TB	6.8	3.4	2.4	
Compressed capacity – TB*	13.6	6.8	4.8	
<b>PERFORMANCE</b>				
Native transfer rate				
GB/hr* (1 drive)	288	86.4	57.6	
GB/hr* (2 drives)	576	172.8	115.2	
Compressed transfer rate				
GB/hr *(1 drive)	576	172.8	115.2	
GB/hr* (2 drives)	1200	345.6	230.4	
<b>PHYSICAL</b>				
Rackmount (single module)	7(h) x 17 (w) x 29.25 (d) inches 17.8 (h) x 43.2 (w) x 74.3 (d) cm			
Weight (single module)	65 pounds (29.5 kg)			
<b>ACCESSORIES INCLUDED</b>	SCSI cable, SCSI terminator, cartridge magazine, US power cord, cleaning cartridge			
May vary by configuration				
<b>MEDIA</b>	Overland Storage media provides optimized performance and convenience. Ask your sales representative for part number and pricing details.			
<b>RELIABILITY</b>				
Robotics MSBF (mean swap between failures)	>1,500,000			
Drive MTBF (mean time between failures)	250,000 hours (or as specified by drive vendor)			
Library MTTR (mean time to repair)	<10 minutes			
<b>OPERATION</b>				
Avg. cartridge exchange time	<10 seconds			
Avg. library inventory time	<2 minutes			
Barcode	Optional (Standard with LTO-3)			
Interface	LVD SCSI (HD-68) standard			
<b>POWER</b>				
Voltage	100 to 240 VAC			
Frequency	50 to 60 Hz			
Power	45 watts nominal 115 watts maximum			
<b>CERTIFICATIONS</b>				
Safety	UL, CUL, CE, TUV			
Emissions	FCC, ICES, CE, VCCI, BSMI			

\* Assumes compression ratio of 2:1. Actual performance may vary with the application.

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