

## High Volume Optical Archive Library

### New HIT HMS 5175 optical Blu-ray Library

ETZON optical storage libraries are reliable near line mass storage archiving devices using optical Blu-ray discs. A library consists of a industry rugged robot, optical discs and lockable magazines and an number of optical Blu-ray drives for writing and reading data. The whole system can be used as total storage pool for near line data storage, backups and archiving. Currently, the HMS optical disc library series include: HMS 1035, HMS 2105, HMS 3350, HMS 3560, HMS 5175 with 35, 105, 350, 560 and 1750 media per Unit.

The HMS 5175 optical library, which is part of NETZON HMS series, provides the largest storage capacity. With 1750 Blu-ray media in one library, the usable storage capacity is 87 to 224 TB depending on the media type. HMS 5175 has several improvements compared to the smaller library models: build-in high performance buffer, powerful built-in controller (optional), industry rugged mechanical structure, robot and power supplies, upgraded Blu-ray drive supports up to 16 drives which can be used simultaneously by concurrent tasks to burn the maximum concurrent bandwidth of 280MB/s, in order to meet the growing big data archiving and backup needs.

Number of media & magazines	1750 / 50
Storage capacity	43.7TB / 87.5TB / 175 TB (BDSL / BDDL / BDTL)
Number of drives / Average disc loading time	16 (max.) / < 10s (Average)
Disc formats	CD, DVD-ROM / -R (DL) / -RW / -RAM, BD-R / -RE, BDSL, BDDL, BDTL, BDQL
MSBF / Ports	> 2,5 Mio / LAN, Mini SAS, SATA
Max. Power consumption	800W (without controller) / 1200W (with controller)
Dimensions (W×H×D)	600 x 1950 x 1070mm
Weight	315Kg (media and magazines included)



#### Main features of HMS 5175:

- Up to 1750 discs (CD/DVD/BD)
- 50 removable disc magazines
- Up to 16 simultaneous drives
- High reliable robot
- Automatic magazine calibration
- Magazines with unique RFID
- Supports unique IDs for discs
- Internal high performance buffer module (optional)
- Internal library controller (optional)
- Supports archive grade discs/drives

#### Standard Configuration:

- 1x LCD Display
- 50x Standard 35 disc magazines
- 2x (up to 16x) Drives (enterprise level optional)
- 1x Product brochures, user manuals, power cord
- 1x Built-in server (optional)

#### Magazines:

- Ergonomic design for easy access
- Patented design
- Fully compatible with NETZON library and offline library
- Stores up to 35 discs
- Flexible replacement
- Double lock to ensure disc safety
- Dual RFID tags

