

# Inkjet or Thermal

2 • DRIVES

4 • DRIVES

## CRONUS - THE PUBLISHING SYSTEM

Vinpower Digital offers fully automated asynchronous duplicators with a high-speed printer for an attractive, completely duplicated and printed disc. With a large disc capacity, our publishing systems can run numerous jobs without human intervention after the job(s) are submitted. This will help speed up production and reduce overall costs.





Vinpower Digital has a fully automated asynchronous duplicator with a high-speed printer for an attractive and complete duplicated and printed disc.

### BASIC OPERATION:

- **Multi-drive duplication:** Available with 2 CD/DVD or 2 Blu-ray/CD/DVD or 4 CD/DVD or 4 Blu-ray/CD/DVD recorders
- **Large Disc Capacity:** Offers up to 220 discs (2 drives) or 500 Discs (4 drives) capacity.
- **Embedded PC:** System does not require an external PC for operation – all applications are self-contained utilizing an internal PC motherboard and operating system.
- **Flexible operating options:** Works as an auto-printer, auto-duplicator, or as a complete publishing system for duplication and printing.
- **All-in-one Disc Publisher system:** Available with monitor, keyboard and mouse, for a nominal fee, so the system is ready to use out of the box.

### SYSTEM ADVANTAGES:

- **Automated Robotic Operation:** System runs duplicating and printing applications through a robotic interface allowing for hands free lights-out operation.
- **Hi-Speed Asynchronous Operation:** Duplication drives able to work independently for continuous production at quick drive speeds without delays.
- **Copy Protection Capable:** Optional feature available to provide DVD & Blu-ray\* video copy protection to greatly diminish the ability for unauthorized duplication and ripping of proprietary content.

\*Blu-ray video copy protection to be added in the future and only available on Blu-ray equipped models.

### PRINTING RELATED FEATURES:

- **Integrated Hi-Res inkjet disc printer:** System able to automatically print high resolution labels and text directly onto inkjet printable media quickly.
- **Special Label Design software:** Provided labeling software allows users an easy way to design attractive labels.
- **Supports 3rd-party design software:** it supports the most popular graphics files (such as .pdf, .prn, .std, etc. files).
- **Supports LightScribe Disc Labeling:** If the Cronus system purchased supports LightScribe labeling, then the BPR 2000 software can support the LightScribe labeling software.
- **Supports Serial # / Barcode Printing:** Able to generate unique bar code or serial numbers printed on each individual disc.
- **Quick Text Printing (Text Overlapping):** Able to add quick text printing in addition to provided label artwork.

### NETWORK FEATURES:

- **Network accessible:** Able to access software and load jobs from anywhere within a given network.
- **Built in 1GB LAN:** For fast and reliable Network accessibility.
- **No added License Fee for Network application:** Can allow any number of authorized users to access and utilize the client software.
- **Web Based Administration:** Operating System able to be accessed and corrected through MIS remote online support.

### RIPPING SUPPORT:

- **Provides Data Ripping:** All files and folder structure are cloned to the user hard drive.
- **Supports Audio Ripping:** Able to rip music files onto a PC HDD.
- **Supports Archival Back-up:** Capable of operating as an archival rip station for important back-up of content onto optical discs or from discs onto a server or HDD.
- **Supports Job Queues:** Provides the ability to queue multiple jobs for unattended operation of multiple different duplication and or printing assignments.
- **Supports Multiple Job Queues:** System is able to maintain multiple job queues for several users so that each individual user can maintain their own dupe and print files for use at a later date.
- **Multi-master read-in support:** Users can read-in a stack of masters and create ISO images.

### ROBOTICS OPERATION:

- **Hi-speed 24/7 operation:** Able to perform constantly 24 hours a day, 7 days a week without fear of overheating with quick reliable robotic operation.
- **User Friendly Interface:** All job functions and system alerts operate in an easy to use and similar user interface for convenience and ease of use.

### SOFTWARE FEATURES:

- **Publishing Software Provided:** The unit comes standard with the powerful BPR2000 software which supports a broad set of features and capabilities.
- **Windows Based Operating System:** The system includes a licensed Microsoft Windows OS along with a powerful Intel dual core processor for faster operation.
- **Flexible Programing:** Due to Windows based OS, users can easily design their own software through the Cronus system.
- **Command line support:** Able to integrate customer software to operate loader – allows customized API software support.
- **Software update Available:** Able to update proprietary software and firmware for future functionality.
- **System error notification:** System will email listed users notifications when jobs have been completed or to report any potential error conditions that may arise.





<b>Model:</b>	CRONUS220-BD-S2T-IJ-BK CRONUS220-S2T-IJ-BK CRONUS220-BD-S2T-LSIJ-BK CRONUS220-S2T-LSIJ-BK	CRONUS500-BD-S4T-IJ-BK CRONUS500-S4T-IJ-BK CRONUS500-BD-S4T-LSIJ-BK CRONUS500-S4T-LSIJ-BK	CRONUS500-BD-S4T-IJ-PLUS-BK CRONUS500-BD-S4T-LSIJ-PLUS-BK	CRONUS220-BD-S2T-P55-BK CRONUS220-S2T-P55-BK, CRONUS220-BD-S2T-LSP55-BK CRONUS220-S2T-LSP55-BK	CRONUS500-BD-S4T-P55-BK CRONUS500-S4T-P55-BK, CRONUS500-BD-S4T-LSP55-BK CRONUS500-S4T-LSP55-BK	CRONUS500-BD-S4T-P55-PLUS-BK CRONUS500-BD-S4T-LSP55-PLUS-BK
<b>Model Type:</b>	Publishing system with embedded PC					
<b>Number of Recorder Drives:</b>	2	4		2		4
<b>Network Capable:</b>	Yes					
<b>Memory:</b>	2GB					
<b>Hard Drive:</b>	1.5TB (higher capacity available)	480GB High Performance SSD***		1.5TB (higher capacity available)		480GB High Performance SSD***
<b>Operating System:</b>	Licensed Windows OS with powerful Intel Dual Core Processor					
<b>Print Function Specifications</b>						
<b>Printing Method:</b>	Inkjet			Thermal		
<b>Max Disc Capacity:</b>	220 Discs	500 Discs		220 Discs		500 Discs
<b>Print Resolution (dots per inch):</b>	Up to 4800 x 1200 optimized dpi			400 dpi		
<b>Included Ink Cartridges/Ribbon:</b>	1 Color CMY (cyan, magenta, yellow) and 1 Black			1 Versamax Ribbon Set including a transfer roll		
<b>Media Type:</b>	Standard 120mm Inkjet Printable CD and DVD discs; Compatible with all traditional inkjet, glossy inkjet, and water-resistant inkjet media			Standard 120mm Thermal Printable CD and DVD discs		
<b>Print Speeds:</b>	25% coverage mono @ normal text-quality approx. 16sec per disc 25% coverage mono @ normal text-quality approx. 19sec per disc 100% coverage color @ normal text-quality approx. 24sec per disc 100% coverage color @ best inkjet-PhotoREt quality approx. 52sec per disc 100% coverage color @ photo-quality PhotoREt approx. 134sec per disc			Versamax: 68 discs per hour Color: 68 discs per hour Photo: 58 discs per hour Black: 104 discs per hour		
<b>LightScribe Capable:*</b>	Yes					
<b>Recorder Specifications</b>						
<b>Formats Supported:**</b>	BD-ROM*, BD-R/RE*, Double Layer BD-R/RE * DVD-ROM, DVD-Video, DVD-Audio, DVD+R DL, DVD-R DL, DVD-R, DVD-RW, DVD+R, DVD+RW, CD-ROM (Mode1 & Mode2), CD-ROM/XA (Mode2 form1 & form2), CD-DA, Mixed-Mode, Video CD, CD-I, Karaoke CD(VCD), Photo CD (Single & Multi-session), CD-Extra, CD-Bridge, ISO9660, CD-R, CD-RW, CD+G					
<b>Software Specifications</b>						
<b>Publishing Software:</b>	BPR2000 Labeling and Burning Publishing Software					
<b>Software Included:</b>	Cronus BPR2000 Labeling and Burning Software					
<b>Product Specification</b>						
<b>Warranty:</b>	1 year parts & labor against manufacturer defect. Warranty excludes physical damage or defect due to neglect or deliberate damage caused by the user.					
<b>Firmware Upgradable:</b>	Yes					
<b>Support CopyLock Copy Protection*:</b>	Yes					
<b>Power Requirement:</b>	Input voltage: 100 - 240 VAC					
<b>Weight and Dimensions: (W x D x H)</b>	55lbs (24.5" x 25" x16")	67lbs (24.5" x 25" x20")		55lbs (24.5" x 25" x16")		67lbs (24.5" x 25" x20")
<b>Operating Humidity:</b>	20% ~ 80%					
<b>Temperature Extremes:</b>	40oC (104oF) / 5oC (41oF)					

\* Available only on specific models.

\*\* Ability to copy Blu-ray format depends on whether the writer drive supports that format.

\*\*\* Provides 3x faster BD-R duplication speed under Async mode