

Disc Duplicators / Printers & Publishers



BoxWriter
2 drive automated disc duplicator

Stand-alone or PC connect / lightscribe labeling



JuniBox
Single drive automated disc duplicator

Stand-alone or PC connect / lightscribe labeling



Picasso Auto
Photo quality inkjet disc printer

300 or 700 input hoppers, low cost bulk ink. 45 discs per hour



DaVinci 6-6
Fast photo quality inkjet disc printer

Bulk ink supply, up to 120 discs per hour.



Duplication Tower
Disc duplicator with internal hard disc.

Options - 1:7 or 1:11 configurations - burn 8 or 12 discs per round

Primary Features Compared

Feature	Advantage	Benefit	BoxWriter		JuniBox	
			BW7220	BW7160	JB7210	JB7113
Burn files / disc images from PC hard disc to multiple discs	You no longer need to feed each disc and press OK on the PC.	Saves time - spend your time more constructively - works independently.		Yes		Yes
Interleave masters and blanks on device so that complete batches of discs are duplicated unattended. Mix CD masters and CD blanks and DVD masters and DVD blanks.	Sorts out what copies of what masters you need, stack the discs and let it do the work - come back and have up to approx. 100 discs ready to go!	Very convenient for those who need short run duplications. Can work continuously, without an operator.	Yes	Yes	Yes	Yes
Uses hard discs in device (Internal)	Take it where you need to work.	Convenient - portable.	Yes		Yes	
Uses hard disc in PC (software comes with device) (External)	Complete package, hardware and software	Nothing more to buy!		Yes		Yes
Disc labeling - support for LightScribe laser disc labeling	Self contained publishing (print & burn). No ink to run out or waste.	Save on consumables compared to inkjet printer based publishers		Yes		Yes
Stand alone - does not require a computer	Does not require a computer.	Saves time by not having to load and unload each disc separately, as you do in PCs or duplication towers	Yes			Yes

Burn / Print Performance Guide

The following table provides a guide to the number of discs burned/printed by a range of devices. Note some devices run unattended, while others require manual feeding. This means that the automated devices will run at a constant speed, even when left on overnight (barring power failures etc.)

These are indicative quantities and may vary depending on a range of factors outside the scope of this document.

Minutes per disc burn	Burners operating days (8 hours) + load 100 discs for overnight copying						Copy Towers (manual)				Printers operating days + 5 overnights							
	JuniBox JB7210 Single burner			BoxWriter BW7220 Two burners			1:7 + hard disc		1:11+ hard disc		Picasso 300 (auto)			Picasso 700 (auto)			DaVinci 6-6 (manual)	
	Day	Night	Total	Day	Night	Total	Intensive	70% duty	Intensive	70% duty	Day	Night	Total	Day	Night	Total	Intensive	70% duty
5min	96	100	196	192	100	192	480	336	672	470								
10min	48	100 (8.3hrs)	148	200	100	300	258	180	403	282	315	300	615	315	700	1015	700-840	490-588
15min	32	56 (14hrs*)	88	64	100	164	197	138	288	201								
20min	24	42 (14hrs*)	66	24	84 (14hrs*)	108	146	102	224	156								

* For Monday-Thursday overnight burning will not complete 100 discs prior to your arrival the next day. Note many factors will change the outputs, these figures are presents as relative examples. Your testing may vary.

How to use the table:

Example 1* - You are considering the purchase of a DaVinci 6-6 and are wanting to maximise the output of printing and burning per day. If you were aiming to get 500 discs published per day, then you could combine the DaVinci with two BoxWriter BW7220s or two 1:11 towers (from experience this would probably occupy one person about 80% of the time).
 Example 2* - You are out of the office a lot of the time and need to publish say 200 discs per day. Here you need to have automated equipment that will operate unattended. Your choice of burner will be determined mostly by how long a disc takes to burn. Boxwriters have two burners burning twice that of the JuniBox. Printing would be done by the Picasso 300, printing 200 full face discs in about 4.5 hours.

*These figures need to be altered to your estimated burn times and output needs, to achieve a balance of burn/print that maximises utilisation of your staff and equipment.

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