



PRECISION ROBOTICS THAT PUT EASY DISC PUBLISHING AT YOUR FINGERTIPS.

The first to combine precision robotics with the world's leading inkjet printing technologies, Epson is setting a new standard for professional disc publishing. Available in 50 and 100-disc capacities, the Discproducer™ series is designed for automated publishing of top quality CDs and DVDs at the touch of a button.



Fastest Total
Throughput



Quiet
Operation



Cost
Effective



PP-50



PP-100



PP-100N

ENGINEERED FOR BUSINESS

High Precision and Reliability

Engineered for fast and highly reliable automated disc publishing with Epson's own AcuGrip™ robotic arm to eliminate double feeding and media scratches.

Unrivalled Performance with Cost Savings

Epson Micro Piezo™ technology delivers highest print quality while individual ink cartridges offer greater savings.

Convenient and Fuss-Free Operation

Compactly designed and quiet in operation, with easy media settings for simultaneous production of CDs and DVDs.

Ideal for a Wide Range of Applications

Whether you need just one disc or a hundred, the fully automated Discproducer handles the tedious job of writing and printing disc content for you at the touch of a button. Discproducer is designed to deliver highly reliable data burning and photo-realistic printing for all kinds of applications, leaving you free to focus on other tasks.



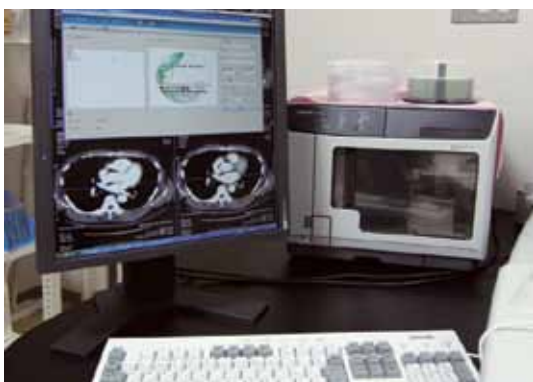
Duplication Services

The Discproducer is your perfect tool for maximising margins in the rapidly growing media production market. Whether for an individual disc or a batch job, its high reliability, superb print quality and cost-effectiveness make it the ideal system for service providers.



Advertising and Photo Agencies

High quality customised labelling from the 6-colour Micro Piezo inkjet printing boosts your ability to showcase your design and creativity when delivering digital content to your customers.



Clinics and Practices

Enhance patient services through the use of digital data in areas such as radiology, cardiology, ultrasound and CT imaging. The Discproducer burns data and images quickly, and offers new possibilities of more efficient processes and costs savings by switching from analogue X-ray or CT film to digital imaging and archival.



Schools and Universities

Ability to duplicate up to 30 CDs per hour and over 10,000 per year for fast and cost-effective distribution of multimedia educational content, which is increasingly important for schools, universities and training institutions.



Corporations and Public Sector

Reduce labour overheads by removing the need to manually burn and label discs in marketing, sales, product development and customer service departments. The Discproducer saves time and money by automating this job while keeping your confidential data in-house.



Software and IT Companies

Reduce costs and speed up production of customer-specific batches of CDs/DVDs for software updates, data archiving, service packs and more.

Discproducer combines Epson's market leading expertise in advanced inkjet printing and precision robotics to offer an efficient and highly reliable integrated disc publishing solution for a wide range of industries and applications. With Discproducer, fully automated CD and DVD publishing is just a push of a button away.



High Precision and Reliability

Discproducer is built to withstand hard knocks and keep dust out. The solid body provides a sturdy housing for the intricate technologies within to run processes smoothly without any interruption.

Misfed and damaged discs are a thing of the past, thanks to the patented AcuGrip robotic arm which reliably handles one disc at a time. This reduces the risk of incurring scratches on the disc, often caused by conventional sliding mechanisms and prevents interruptions during unsupervised production, caused by mechanical blockage.



AcuGrip™



Unrivalled Performance with Cost Savings

Epson's industry-leading Micro Piezo print head and ink technology ensure uniform, stable ink droplets with virtually no satellites or misting, producing brilliant and crisp disc labels at a high resolution of up to 1440 dpi x 720 dpi.

Epson's Micro Piezo™ technology also protects against striation and ink bleed, and allows ultra-fine colour gradation plus razor-sharp text – even in small font sizes.

Instead of traditional whole cartridges, Discproducer utilises six individual high-capacity ink cartridges that are easily replaced in a few seconds, thus allowing you to print more while keeping running costs low.



Convenient and Fuss-Free Operation

Discproducer includes easy-to-use Total Disc Maker™ software for fast and efficient production of CDs and DVDs in just three simple steps.



Step 1: Compile Data

Disc Editing mode lets you indicate the type of data to be burned – for example a music, video or data disc – then load the data and save it into a created folder. It's quick and easy, so even non-experts and novices will find it a breeze.



Step 2: Compose the Print Image

Label Editing mode lets you compose your CD/DVD label using pre-defined templates and provided images or even customize your own design. Preview your finished composition and store it for easy retrieval in the future.



Step 3: Configure for Production

Publishing mode lets you set parameters such as the number of CDs or DVDs to be burned, the burning and print speed, the in/out trays for discs, and print resolution. Then simply press "Publish" and your production run is on its way.

Discproducer PP-100 at a Glance

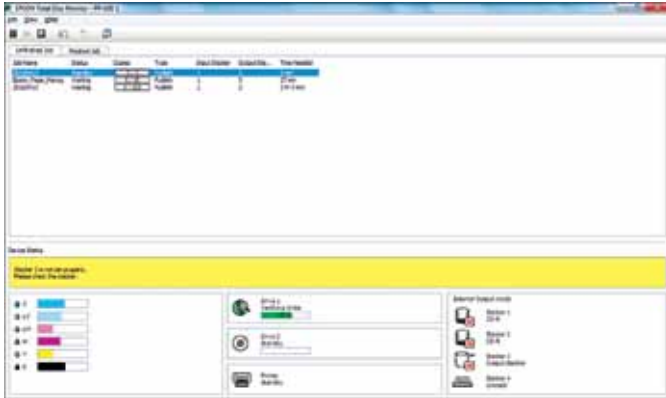


Epson Discproducer is the only system in its class with an LED ink status indicator for each individual ink colour.

- ① Ink level status LED
- ② Six individual ink cartridges
- ③ Three media trays for runs up to 100 discs
- ④ External output tray
- ⑤ AcuGrip robotic feeder arm

Monitoring System Reliability

The Discproducer's Monitoring Software keeps you informed about all-important parameters such as tray status and pending jobs. This helps you choose whether to let your production run continue unattended, and protects you against unexpected interruptions, especially when facing tight deadlines.



Convenient Total Front-Operation

Discproducer is the only system in its class that offers the ergonomic advantages of total front-operation and status reporting.

Unlike other systems that allow publishing to continue without ink, Discproducer shows ink level status using an LED for each individual colour. This allows the printing process to be manually or automatically interrupted in case of a near-empty ink cartridge, thereby eliminating damage and waste.



Compact Design

At less than 40cm wide, the Discproducer is one of the smallest systems in its class. Its flat top allows for another unit to be stacked above to save space or be used as a storage surface for media and print cartridges.



Versatile Operating Modes

Choose from three operating modes to suit your production:

- Batch mode** – for larger runs of up to 100 discs
- Standard mode** – for smaller runs of up to 50 discs
- External mode** – for up to 5 discs

Discproducer includes mixed media support for simultaneous production of CDs and DVDs by specifying the setting for each stacker. It also has an additional drawer for up to 5 discs, so individual CD/DVD blanks can be conveniently removed without having to open the housing.



Quiet Operation

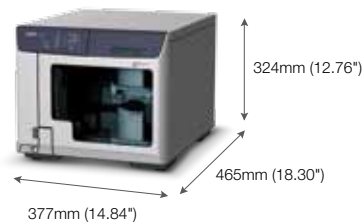
Work in peace while the Discproducer does all the heavy-duty work quietly within the sturdy chassis.

MODEL NUMBER	PP-50	PP-100	PP-100N
Publishing Speed			
CD (Burn and print) ¹	Up to 15 discs / hour	Up to 30 discs / hour	
DVD (Burn and print) ²	Up to 8 discs / hour	Up to 15 discs / hour	Up to 17 discs / hour
Printing Only (CD / DVD)			
Fast Mode	Up to 60 discs / hour		Up to 59 discs / hour
Fine Mode	Up to 40 discs / hour		Up to 42 discs / hour
Publishing Modes (Unattended)			
Low Volume Mode	Up to 20 CDs / DVDs	N.A.	
Standard Mode	Up to 50 CDs / DVDs		
Batch Mode	N.A.	Up to 100 CDs / DVDs	
External Output Mode	N.A.	Up to 5 CDs & DVDs	
Printer Module			
Print Resolution			
Fast Mode	1440 dpi × 720 dpi		
Fine Mode	1440 dpi × 1440 dpi		
Ink System			
Ink Type			
	Dye Ink		
Ink Cartridges			
	Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Black		
Yield ³			
	1,000 discs or more		
Ink Pad Life ⁴			
	Approx. 30,000 discs		
CD/DVD Drives			
Number of Drives			
	1	2	
Writing Speed (Max.)			
	CD: 40x, DVD-R / DVD+R: 12x, DVD-R DL / DVD+R DL: 8x		
Supported Media			
Size			
Outside diameter	120 mm ± 0.3 mm		
Inside diameter	15 mm + 0.1/- 0 mm		
Thickness	1.2 mm + 0.3/- 0.1 mm		
Format			
Type	Only standard 120mm (4.7") discs		
Surface	CD-R, DVD±R, DVD±R DL Inkjet printable		
Interface			
Standard			
	USB 2.0 Hi-Speed		Ethernet (100Base Tx, 1000Base Tx)
Software			
Standard			
	Total Disc Maker		Total Disc Maker, Total Disc Net Administrator Tool
Computer Requirements			
Operating System			
	Windows 7, Vista SP1 or later, XP SP2 or later, Server 2008 R2, Server 2008 SP2 or later, Server 2003/2003 R2 SP2 or later. (Windows XP SP3 and Server 2003/2003 R2 32-bit only)		
CPU			
	Pentium 4, 1.4GHz or higher (2.0GHz Windows Server 2008)		
Memory			
	2GB or more (1GB Vista)		
HDD Capacity			
	30GB or more (50GB Windows Server 2008), 7200 rpm or higher		
Graphics			
	XGA or better, 65,536 colours or better		
Electrical Specifications			
Rated Voltage			
	AC 100V to AC 240V		
Frequency			
	50Hz to 60Hz		
Power Consumption			
Operating	Approx. 40W	Approx. 41W	Approx. 85W
Standby	Approx. 28W	Approx. 24W	Approx. 55W
Consumables			
Order Code			
Ink Cartridge Cyan	C13S020447		
Ink Cartridge Light Cyan	C13S020448		
Ink Cartridge Light Magenta	C13S020449		
Ink Cartridge Magenta	C13S020450		
Ink Cartridge Yellow	C13S020451		
Ink Cartridge Black	C13S020452		
Warranty			
Standard			
	1-year limited warranty		

Dimensions

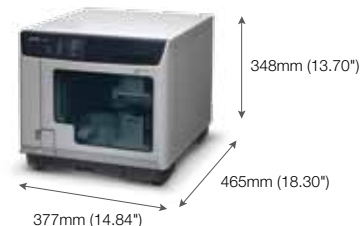
PP-50

Weight: Approx. 21kg (46.2 lb)



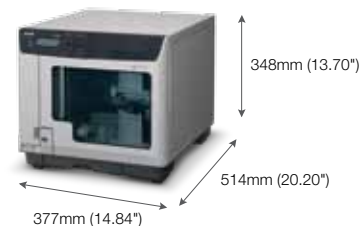
PP-100

Weight: Approx. 24kg (52.9 lbs)



PP-100N

Weight: Approx. 25kg (55.1 lbs)



Bundled Items

- CD-ROM (Printer Driver, Application Software, User's Guide)
- Paper Manual (Setup Guide)
- 6 Ink Cartridges (Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Black)
- USB cable (Except PP-100N)
- AC Cable
- Warranty card

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¹ Fast mode, writing speed: 40x, CD: 600MB data volume.

² Fast mode, writing speed: 12x, DVD: 3.8GB data volume.

³ Actual cartridge yields may be lower with high-density images, hot and dusty conditions, less frequent printing, or printing predominantly with one colour. All ink colours are used for printing and printer maintenance, and all colours have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace Cartridge" signal.

⁴ The printer's ink pad is estimated to become saturated and need replacing after about 30,000 discs. Based on printing 2,000 discs per month, bi-directional. Actual results will vary based on such factors as images printed, print settings, media type, frequency of use and temperature.



Official Partner
 of Manchester United