



2Print[®]
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TAPEMATIC[®]
Digital Print Solutions



2Print® Digital Printer



Six colour



MILLION POSSIBILITIES

MORE COLOUR MORE POTENTIAL

Four colours have become six to give even more spectacular results with improved image depth, clarity and definition. The wider gamut obtained allows you to achieve highly accurate color matching.

Move your business



FAST FORWARD

MORE BUSINESS THROUGH MORE SERVICES

2Print, with its revolutionary drop-on-demand inkjet technology, will give your company the edge over those using traditional printing methods. Offer your customers small quantity runs with the highest quality full-colour images at the lowest costs ever achieved. When it comes to short-to-medium printing runs, 2Print will dramatically increase the efficiency and productivity of your company and propel your clients into a bright new future.

Swift turnaround



RAPID SERVICE

PRINTING THAT OPERATES LIKE YOUR CUSTOMERS DO ...IN A HURRY

Digital short run printing comes close to the way we operate in today's fast moving industry but without any of the downtime you have experienced in the past. Achieve amazingly fast turnarounds without any bottlenecks. 2Print certainly has made its mark, so don't be left behind.

Speed

From image preparation to the printed disc speed is the key word. Imagine printing up to 1300 discs per hour with almost no downtime for job preparation or changeover. No run quantity is too small when printing with 2Print.

Quality

2Print attains a virtual definition of well over 1000 dpi and the color gamut obtained covers a very wide spectrum. 2Print's combination of ink and software technology, will produce perfect colour matching to the original artwork with a brilliant and vibrant finish.

Results

Our customers praise 2Print for being a well-designed machine that has changed their companies almost overnight. Just some of the benefits our customers have touted include increased productivity, increased turnover and dramatically reduced downtime.

A leap forward in TECHNOLOGY

AS YOUR BUSINESS MOVES FORWARD, YOUR 2PRINT GOES WITH YOU

2Print's technology is not the same as other printers. Because we so carefully selected the software, inks, heads, and automated processes, 2Print has become the world's number one digital optical disc printer by far. More optical discs are printed every day on 2Print than on all other industrial digital printers combined.



IMAGE FILE

2Print accepts any conventional image file. Importing your images could not be simpler: 120mm x 120mm canvas without target or alignment marks. No other preparation or image treatment is necessary. Simply load in the image, type in a title, and you are just a click away from satisfying another customer.



INTERFACE

A touch screen offers the highest level of simplicity if any changes are desired. Only a few strokes on the touch screen are required to form a production queue with preset run quantities. Thousands of images are stored in customer folders for immediate retrieval.



PRINT DIRECT

2Print's inkjet uv technology prints without contacting the substrate. Ink droplets fall less than one millimetre directly onto the disc surface. Within a fraction of a second the droplets are cured into a hard and durable surface. Your customer's artwork can be printed onto all types of disc surfaces, whether they require white flooded discs or untreated silver discs.



COLOUR MANAGEMENT

Linear colour profiles come with every 2Print, but if 'custom' profiles or 'special' needs are required, it is a very simple process to change the profiles on the fly.



JOB CHANGE

Print bottlenecks are now a thing of the past. New images are loaded in a matter of seconds and as there is absolutely no alignment or adjustments necessary, changeover time can be considered almost zero.



COST PER DISC

Due to existing costs of all other printing methods, the traditional cost-per-disc is ten, twenty, and even forty times more expensive than printing using 2Print. 2Print pays for itself in no time. With many millions of discs now produced, we proudly confirm that the ink cost per disc is less than one euro cent.

The models WIDE CHOICE



2Print[®] SP

The smallest and simplest of our range. Suitable for smaller production facilities requiring a limited quantity of discs per day. It is a very economical printer as entry level into this process. 2Print SP uses four colours. Inline silk screen is an option.



2Print[®] HP

Offers close to double the output of the sister SP model. The higher output is achieved due to eight heads laying down the image instead of four. Inline silk screen is an option.



2Print[®] SIX

A six-colour industrial printer, a great advantage to the four-colour machines currently available in the market. Similar to the SP model the 2Print SIX has only one head per color.



2Print[®] XII

Our top of the range industrial printer. 2Print XII is a six-colour printer with twelve heads allowing a very high output while offering an amazingly impressive high-quality print.





Media	
Media printed	All optical discs formats BD, HD, DVD, CD Ø120 mm
Print	
Heads	Array of 4 - 12 UV piezoelectric drop on demand inkjet heads with built in heater
Ink type	UV curable with high adhesion on media
Ink supply	Collapsible bags changeable during print process - low level sensor
Colours	C M Y K Lm Lc White
Resolution	Selectable via software
Software	
PLC	2Print Tapematic programme
RIP	Licensed imaging and correction software
Image transfer	LAN, USB, wireless
Original image files	PostScript, PDF, Jpeg, Tiff, EPS
Images stored	> 6000, divided in folders
Process	
Disc in-feed	Standard spindles 150 discs x 6 spindles
Disc out-feed	Standard spindles 150 discs x 5 + 1 reject spindle
Print cycle	6 discs in-line on a shuttle
Production	3 seconds per disc dependent upon set-up
Physical	
Dimensions	1000 w x 3250 l x 1550 h mm
Open	1860 mm
Weight	1100 kg
Utilities	
Power	400V 3 phase 50/60 Hz 15 kVA
Air	6 bar 200 N l/min
Vacuum	- 0.8 bar 10 m³/hr
Water	Chiller 7 kVA
Environment	
Work area	3 m x 6 m ceiling height minimum 2 m
Temperature	22 - 26 °C
Relative Humidity	55 - 65% non condensing
Safety	
CE	Complies with all current regulations
Ink	Non toxic fumes - no exhaust required
Options	
Silk screen	In-line flood white
Silk screen dosing	Automated ink supply
Inspection	Bar code identification - Print label inspection
Media	Shapes - 80 mm
Serialization	Progressive numbering

We reserve the right to make modifications without prior notice

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