

PROJECT 37 D

THE ULTIMATE PRINTING MACHINE FOR DUPLICATORS



Compact printer for optical discs - Project 37 D is an affordable, specifically engineered UV ink jet printer for duplicators. Derived from Project 37, the successful UV ink jet printer for optical discs, Project 37 D continues to offer the exceptional print quality, fast print speeds, ease of use and short job change times of Project 37, but in a more compact and economic configuration ideally suited to duplicators

- **LOW COST PER DISC**
Offering consumable costs per disc of around €0.015 or lower depending on image design
- **FAST PRINT TIMES**
Print speeds of up to 1000 per hour and set up in a few seconds allows truly economic throughput
- **PRINT MULTIPLE JOBS**
The unique 3 spindle load and unload allows up to three jobs to be spooled and printed simultaneously
- **ULTIMATE PRINT QUALITY**
800 dpi images using 8 levels of greyscale and the unique single pass flow out print method offers the highest quality in digital print for both solid colour and photographic images
- **HIGH GLOSS AND DURABLE PRINTS**
UV ink jet inks cure to a high gloss durable finish, there is no need to varnish or post process
- **CLEAN AND TIDY**
Use of silver or Project 37 printable discs negates the need for messy screen printing and associated pre-press processes allowing use in an office environment
- **PRECISION ENGINEERING**
Project 37 D has been integrated by leading experts in ink jet technology, backed by the ink leadership and global reach of Sun Chemical and features a full 12 months warranty on all parts, including print heads

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SPECIFICATIONS

Ink cost per disc	-	€0.02 max
Print resolution	-	800 dpi with 8 levels of greyscale
	-	Single pass print on precision linear slide
Print speed	-	Up to 1000 discs / hour
Load system	-	Single load and unload drawer, 2 x 3 high capacity spindles
	-	Laser disc in situ load checking
Load Volume	-	1000 disc input / 1000 disc output spindles
Disc Cleaning	-	Anti static dust removal system
Digital print engine	-	XAAR® Omnidot 318 print heads in a fixed head array
Ease of use	-	Automated head cleaning and maintenance system
	-	Spit and purge with vacuum clean
	-	Active intelligent safety circuit
Consumables	-	1 litre bag in box CMYK UV ink jet inks with quick fit valves
UV curing	-	Internal, shielded and cooled high power UV lamp
Dimensions	-	Compact unit of 2600mm x 990mm x 1600mm
Hardware	-	Built in rack mounted PC with network connection
	-	DVD Drive and USB inputs
	-	Colour calibrated LCD monitor (optional)
Software	-	Copytrax machine control software
	-	Project 37 RIP
	-	K-Flow RIP and colour management software (optional)
	-	Variable data printing field software (optional)
Services	-	Three phase 480v 16A
	-	Single phase 240v 30A
	-	Clean and dry air at 6 bar, 150 litres per minute

