

HP Indigo Digital Press 7800

Level 2 Digital Press Operator



This course focuses on the operation and interaction of the mechanical, electronic, fluid and substrate transport systems on the HP Indigo press. Participants will be taught how to apply maintenance skills to resolve problems.



Key Features

Course Title

HP Indigo Digital Press 7800 -
Level 2 Digital Press Operator

Course Length

5 days

Delivery Languages

English, French, Italian, German and Spanish

To Register

You can register to this course or ask
for more information at

graphicartstrainingcenter@hp.com

Course Objective

By the end of the training program HP Indigo operators will be able to:

- Understand the functions and interactions of the major subassemblies
- Troubleshoot and repair basic electrical problems
- Troubleshoot and repair mechanical sub systems
- Properly observe safety precautions while diagnosing problems and performing repairs
- Be able to perform mandatory preventive maintenance functions at prescribed intervals
- Perform a system back-up
- Competently maintain the press and minimise service calls

Audience

Qualified HP Indigo operators who will be required to perform service routines that include preventative maintenance, troubleshooting, and corrective maintenance on the HP Indigo Digital Press 7000.

Prerequisite

- Performing preventative and corrective maintenance on complex electromechanical devices"
- Has experience using electronic test equipment
- Has successfully completed the Level 1 D.P.O course for the HP Indigo Digital Press 7000
- Has a minimum of three months experience operating the HP Indigo Digital press 7000

Benefits

- Attendees will be taught techniques to optimize print quality, increase press uptime, and press availability
- Service contract terms tailored to Shared Maintenance customer
- Access to technical phone support

Details Course Outline

Safety Features	Press safety Electrical safety	Writing Head	Theory & concept BID engage & disengage
System Overview	Mechanical Electrical Fluid	BID	Theory & concept BID engage & disengage
Introduction to the Electronics System	Major boards Basic components Function & control Board placement DVM basics Introduction to wiring diagrams	Solid Add Compressor	Physical overview Adjustments Maintenance
PC System	Boards & Components Disk replacement Ghost Back-up	Imaging Oil System	Theory & physical overview Reservoir Float sensors Imaging oil flow rate Imaging oil cooling system Filters Cleaning Station parts
Imaging System	Theory & concepts of the image generation	Preventative Maintenance	Monthly Impression based maintenance
Electrometer	Theory & concept Gap and board calibration	In Line Densitometers	ILD calibration
Paper System	Feeder electronics Feed Head replacement Feeder bridge and skew Suction cup margin wizard Full placement Wizard Grippers and magnets PSTB sensors Vacuum system Duplex Conveyor removal & gap Exit roller Exit sensors & switches Stacker adjustments	Cylinders	1 st Transfer adjust & calibration 2 nd Transfer adjust & calibration ITM lamp removal Encoder calibration ITM IR sensor calibration Contact brush replacement PIP underlayer
		Ink System	Theory & physical overview Ink pump maintenance Ink flow adjustment Density & conductivity calibration
		Electrical	Wiring diagrams Troubleshooting

Why Indigo training from HP?

- The most in-depth Indigo knowledge in the industry – learn from the people who created the technology and the products.
- Highest quality, certified instructors with real-world experience.
- Extensive lab environment for hands-on practice.
- Small class sizes provide hands-on experience.
- State-of-the-art training centres equipped with the latest press, front-end and finishing technologies.

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