

HP IHPS T2xx Inkjet Web Press: Basic Operator



The course covers the basic operational procedures including safety and basic troubleshooting. This is a highly interactive course where participants will experience the operation of the press.



Audience

- Press operators
- Maintenance technicians
- Engineers

Prerequisites

- Background in printing technology (traditional press operation, prepress, graphic design) and basic computer skills desired
- Ensure that your operator knows your press and options
- Candidates should possess the qualities described in the HP Inkjet Web Press Operator Candidate Selection Criteria

Course Title: HP IHPS T2xx Inkjet Web Press;
Basic Operator

HP Product Number: HK386

Category: Graphics/IHPS

Course Length: 5 Days

Delivery Language: English

To Order: Graphics Arts AMS Training at
amsgraphicstraining@hp.com or 877-415-3222

Course Objectives

By the end of this class you will be able to:

- List the names, locations, and functions of all major components of the press
- Describe functions unique to the inkjet system such as ink storage and delivery, ink characteristics, the use of bonding agents, and printheads
- Perform basic operational tasks such as startup/shutdown, loading/unloading paper rolls, webbing and tensioning the press, priming and replacing printheads
- Use the operational software
- Complete scheduled maintenance procedures
- Perform basic troubleshooting on the press and describe when and how to access additional support
- List safety issues associated with the press in general and specific procedures
- Achieving optimum print quality by understanding the machines capabilities
- Machine stability and dependability by performing routine maintenance, on schedule and according to prescribed procedures
- Productivity while minimizing waste and maximizing consumable life by monitoring the printing process, recognizing output problems and implementing the appropriate actions
- Achieving optimum print quality by understanding the machine's capabilities

Next Steps

HK387 - HP IHPS T2xx Inkjet Web Press; Train to Maintain

Course Outline

The course includes the following modules:

Week 1 Operator Course

Module 1: Welcome

- Class Logistics
- Course Materials
- Course Overview

Module 2: Safety Overview

- E-stop locations and proper use
- General Safety Guidelines
- Personal protective equipment
- Press access
- Safe cleaning practices
- Visual checks for leaks
- Material Safety Data Sheets
- Ergonomic hazards
- Electrical hazards

Module 3: Printheads and Inks

- Printheads
- Inks
- Bonding Agent

Module 4: Operational Overview

- Major Components
- Paper Path
- Computer Systems
- Operator Controls

Module 5: Operator Controls

- Control Panel Locations
- Navigation
- Major Functions

Module 6: Tensioning

- Load Cells
- Operator Controls
- Automatic Tension Adjustment

Module 7: Basic Startup

- Pre-startup safety checks
- Mechanical hazards
- Startup Procedures
- Calibration Procedures

Module 8: Basic Shutdown

- Shutdown Procedures
- Powering Down

Module 9: Winders

- Loading/Unloading HP Winders
- Loading/Unloading Hunkeler Winders

Module 10: Ink Delivery:

- Personal Protective Equipment
- Special Precautions for Bonding Agent
- Electrical hazards
- Handling Leaks
- System Overview
- Changing Ink Containers

Module 11: Printheads

- Printhead Health
- Printhead Handling
- Removal and Replacement
- Press access
- Servicing

Module 12: Troubleshooting

- Support Services
- Printhead Diagnostics
- In-Line process controllers
- Checking Printhead Weight

Module 13: Maintenance

- Preventive Maintenance Schedule
- Procedures

Module 14: Loading and Configuring a Print Job

- Job Management Software Overview
- Color Profiles
- Job Configuration
- Control Marks

Module 15: Recap and Conclusion

- Operator Control Panel Review
- Self-Evaluation Checklists
- Course Evaluation

For more information:

Contact :

877-415-3222

Email address

amsgraphicstraining@hp.com

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