

Data sheet

HP Preventive Maintenance Support Service



For HP Scitex FB10000 and 15000 Presses



January 2015



Required personnel

One HP Certified Customer Engineer

Required time

One day onsite

Required tools

Standard tools, bridge height jig, vacuum sensor, tension meter

Frequency of procedure

Twice a year, depending on printing volumes and shifts

Preventive Maintenance Services are a complementary onsite services, and customer operators are required to perform all routine maintenance to properly maintain the press.

During a Preventive Maintenance Visit, HP requires that the press be fully available to perform all tasks and that the customer to make available an operator to assist the onsite activities.

Overview

HP Preventive Maintenance service is a comprehensive support solution that helps you maintain your HP Scitex Press for maximum productivity and utilisation and sustained top print quality.

This document describes and outlines the guidance for a Preventive Maintenance Visit for an HP Scitex FB10000 Industrial Press or HP Scitex 15000 Corrugated Press.

General equipment testing before starting

The starting point of the onsite preventive maintenance visit is two tests, performed by the HP Customer Engineer.

The first test includes printing of test files that allow the HP engineer to analyse the press' nozzle status and capture the overall condition of the printheads. The second test includes the printing of a reference file that allows the HP Engineer to detect system issues.

Kit description & contents

HP Scitex FB10000 Industrial Press & HP Scitex 15000 Corrugated Press Preventive Maintenance Kit (CS034A / CX190-01730)

Part number	Description	Qt
CV059-10169	CSR\CMB SELF THREAD PLUG WASTETANK 100EA	4
CV315-01040	CMB\CSR FILTER, WATER, 1", 5QM/HOUR	2
CV315-01042	CMB\CSR FILTER, UV INK, 100UM, D-70, H-46	4
CV585-10445	CMB CLEAN ROOM WIPE 9X9, 150UNITS (QTY=4)	2
CW141-03220	CMB\CSR BIG FILTER BSU	1
CW143-12260	CMB\CSR WASTE BATH FIRST FILTER	1
CW143-20530	CMB\CSR UNIVERSAL AIR FILTER (QTY=2)	2
CW154-02210	CMB FILTER LAMPHEAD - LAMPHEAD SP	6
CW154-02550	CMB\CSR UV CABINET BOTTOM FILTER SPARE	6
CW154-02680	CMB CSR UV LAMP - PTFE QR-LAMPHEAD SP	1
CW197-00180	CMB CSR NIPLLE (QTY=5)	2
CW906-60401	CMB\CSR CLEAN FILTER CPC CONNECTOR (QTY=3)	4
CW980-00175	CMB PAPER WIPERS LENS CLEAN 260EA (QTY=4)	1
CW980-00985	CMB\CSR MAIN PNEOMATIC PANEL FILTERS	1
CX190-02140	CMB SPIT MEDIA 10 SHEETS	5

Procedure guidelines and activities¹

The preventive maintenance procedure will be performed in full accordance with the manual for the press. Once all the Preventive Maintenance routines have been completed, the HP Customer Engineer will update the press owner and create a Preventive Maintenance report specifying all the tasks performed, including working notes and the next visit scheduled.

¹ Customer's operator are required to perform all routine maintenance to properly maintain the press



The preventive maintenance procedure involves the following four steps:

Step 1
General tasks
(duration: 1 hour and 50 minutes)

Activity	Procedure
Visual overview of the press	Review report
Print reference files	Full maintenance, heads signature, engineer reference files in POP80 and POP100
Check the UV bulb hours	Note if the lamp has operated over 1000 hours
Check UV lamp pressure	Adjust the UV blower damper
Check for leakages (water, ink, air)	
Check spittoon operation and position	Adjust the X position via mechanical settings Adjust the Y position
Verify the maintenance bath position	

Step 3
Ridge
(duration: 2 hours)

Activity	Procedure
Bridge height - verify adjustment	Z-axis calibration No adjustment of the bridge height
Rising media detectors & back shutter	Calibrate rising media flaps and sensors
Micropurge	Configure and test the micro-purge assembly
M&S belt tension	Adjust belt tension
External shutter foil	Replace the external shutter foil assembly
	Configure and test the micro-purge assembly

Additional parts and activities

Additional parts may be used depending on the press machine model, usage and customer request.

If time permits, HP Customer Engineer will immediately attend to any other specific operation that requires attention and include this activity in the summary report. If time and/or resources do not allow an immediate fix, you will be informed that a service case needs to be opened for the identified task. This will enable HP to address the task once the Preventive Maintenance Service activity is complete.

Step 2
Media handling
(duration: 1 hour and 50 minutes)

Activity	Procedure
T Igus chain - integrity inspection	Look for any visible damage or wear and tear
Loading accuracy	Loading accuracy procedure
Loading and unloading sequence	Verify the loader and unloader bars lower position Verify the iron roller lower position
X-T position of the Tetris (Tetris graph)	Calibrate the X-T position of the built-in line sensor (Tetris)
Unloader lift sensors - reflectors alignment	Test the media stack detectors
Air pressure on the loader pneumatic panel	Verify the correct values

Step 3
Media hold down (vacuum)
(duration: 1 hour and 20 minutes)

Activity	Procedure
Checking the integrity of the VCU rod-eye	
Checking if there is grease on the VCU rod-eye	
Noise from VCU	Reduce noise from the VCU
Suction test (Pump and Table, including puncture)	Test the vacuum pressure

Frequency	Task
Daily	Inspecting the loader and unloader suction cups Replacing the spittoon media
2 days	Wiping the print heads
Weekly	Cleaning the printing table Cleaning the 100-micron filter in the waste bath Cleaning the moby connectors Cleaning the press roller Checking the VCU bearings and belt Cleaning the rising media flaps Weekly UV system maintenance Weekly bridge maintenance
Monthly	Monthly cleaning the air filters
6 months	Checking the safety system Replacing the UV cabinet air filter Replacing the 5-micron ink filters Replacing the 100-micron waste filters Cleaning the filters on the main pneumatic panel Lubricating the shutter rails Replacing the UV lamp housing air filters Replacing the unloader suction cups Replacing the REC air filter Replacing the unified cooler water filter Cleaning the unified cooler air filters Checking the gas springs
Yearly	Replacing the filters on the main pneumatic panel Replacing the 100-micron filter on the waste bath Replacing the BSU air filter Annual bridge area lubrication procedures Annual loader area lubrication procedures
Counter-based	Replacing the UV lamp and cleaning the reflectors Lubricating the T-axis linear bearings Lubricating the X-axis linear bearings
As needed	Cleaning the unloader air jets bar Cleaning the NIP roller Adding water to the unified cooler Cleaning the unloader lift reflectors

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