

HP Preventive Maintenance Support Service



For HP Latex 3000 Printer and upgraded HP Latex 3100 Printer



Overview

HP Preventive Maintenance service is a comprehensive support solution that helps you maintain your HP printing equipment for maximum productivity and utilization and sustained top print quality.

This document describes the guidelines for performing preventive maintenance for an HP Latex 3000 Printer or an HP Latex 3000 printer that has been upgraded to HP Latex 3100 Printer functionality. It covers preventive maintenance for three printing cycles: 100L, 200L and 1200L.

General equipment testing before starting

The starting point of the onsite preventive maintenance is two tests, performed by the operator (in the case of 100L and 200L printing cycle preventive maintenance) or by the HP certified service engineer (for 1200L printing cycle preventive maintenance).

The first test includes printing of engineer reference test files that allow the operator or HP engineer to analyze the printer nozzle status and capture the overall print head condition.

The second test includes the printing of a customer reference file that allows the operator or HP engineer to detect system issues.

100L printing cycle

Required personnel

One operator

Required time

Two hours

Required tools

Standard

Frequency of procedure

Every two months or 10,000 m² (107,639 ft²) of printing

200L printing cycle

Required personnel

One operator

Required time

Two hours and 30 minutes

Required tools

Standard

Frequency of procedure

Every four months or 20,000 m² (215,278 ft²) of printing

HP Latex 3000/Upgrade to HP Latex 3100 100L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 80,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 100L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the ink deposits
- **Step 2** - Clean the carriage rails and replace the oiler foams
- **Step 3** - Check and empty the oil collector caps side trays
- **Step 4** - Clean the e-cabinet fan filters
- **Step 5** - Clean the e-box fan filters (only for a printer upgraded to HP Latex 3100 Printer)

Kit description and contents

HP Latex 3000 Printer Cleaning Kit (CZ056-67390)

Part Number	Content	Qty
CZ056-60456	Oil Wick Assy	12
CZ056-60540	Subassy HP 3000 Cleaning Kit	01
CZ056-67411	Service Wick Assy	12
Q6702-60654	Oiling Assy	12
Q6703-60517	Grease Syringe 3cc	01

HP Latex 3000/Upgrade to HP Latex 3100 200L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 160,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 200L preventive maintenance procedure involves the following step:

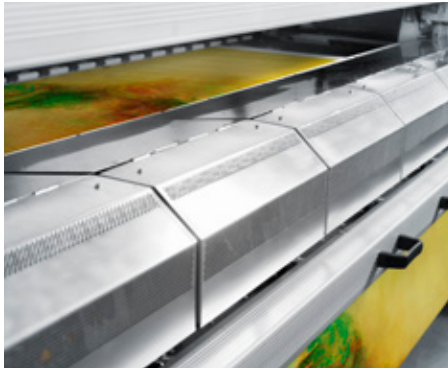
- **Step 1** - Replace printhead cleaning blades

Kit description and contents

HP Latex 3000 Printer Maintenance Kit (CZ056-67470)

Part Number	Content	Qty
CZ056-60457	AM Cabinet _ Ebox Filters Assy	01
CZ056-67046	Web Wipe Blade Assy SERV	01
CZ056-67390	HP Latex 3000 Cleaning Kit	01
CZ056-67450	Upgrade 5 PH Cleaning Blades A	01
Q6702-60546	Machine Grease&Oil Kit SERV	01

NOTE: The HP Latex 3000 Printer includes five extra PH cleaning blades in order to perform first five 200L maintenance tasks.



1200L printing cycle

Required personnel

One HP certified service engineer or one operator

Required time

Eight hours

Required tools

Standard

Frequency of procedure

Every 1.5-2 years or 960,000 carriage cycles

HP Latex 3000/Upgrade to HP Latex 3100 1200L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 960,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 1200L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the perforated plate
- **Step 2** - Clean the drying module quartz glass and air outlet
- **Step 3** - Grease the carriage beam screws
- **Step 4** - Clean the rear scan-axis beam
- **Step 5** - Replace the e-cabinet fan filters
- **Step 6** - Grease the printhead primers
- **Step 7** - Clean and grease service station transmission and rods
- **Step 8** - Clean and grease media drive transmission gears and rods
- **Step 9** - Replace the e-box fan filters (only for a printer upgraded to HP Latex 3100 Printer)

Kit description and contents

HP Latex 3000 Printer Maintenance Kit (CZ056-67470)

Part Number	Content	Qty
CZ056-60457	AM Cabinet _ Ebox Filters Assy	01
CZ056-67046	Web Wipe Blade Assy SERV	01
CZ056-67390	HP Latex 3000 Cleaning Kit	01
CZ056-67450	Upgrade 5 PH Cleaning Blades A	01
Q6702-60546	Machine Grease&Oil Kit SERV	01



NOTE: All the above maintenance procedures apply to all installed HP Latex 3000 Printer units that have been upgraded to HP Latex 3100 Printer functionality.

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