

# HP Preventive Maintenance Support Service

For HP Latex 3000 Printers Series



## Overview

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

This document describes the guidelines for performing preventive maintenance for HP Latex 3000 Printers Series. It covers preventive maintenance four printing cycles: 125L, 500L, 1500L and 3000L.

The starting point of the onsite preventive maintenance is the weekly maintenance which won't take us more than 20 min. Later on the operator will perform a preventive maintenance at 125L, 500L and 1500L printing cycle, and a HP certified service engineer will perform a Service Maintenance at 3000L, which for an average user will occur after 5 years.

## Weekly

### Required personnel

One operator

### Estimated time<sup>1</sup>

20 minutes

### Required tools

Standard

### Frequency of procedure

Every week<sup>2</sup>

## 125L printing cycle

### Required personnel

One operator

### Estimated time<sup>1</sup>

30 minutes

### Required tools

Standard

### Frequency of procedure

Every 125 ink liters, 2-3 months  
for an average user<sup>2</sup>

## 500L printing cycle

### Required personnel

One operator

### Estimated time<sup>1</sup>

20 minutes

### Required tools

Standard

### Frequency of procedure

Every 500 ink liters, 10 months  
for an average user<sup>2</sup>

## 1500L printing cycle

### Required personnel

One operator

### Estimated time<sup>1</sup>

Three hours

### Required tools

Standard

### Frequency of procedure

Every 1500 ink liters, 2-3 years  
for an average user<sup>2</sup>

<sup>1</sup>The estimated time may vary based on the status of the machine or unexpected issues.

<sup>2</sup>Quantities are approximate and depend on usage. They are based on HP recommended best practices.

<sup>3</sup>Only for HP Latex 3500 and 3600.

# HP Latex 3000 Printers Series weekly, 125L and 500L Preventive Maintenance

## Procedure guidelines and activities

These preventive maintenance depends on the number of ink liters, so the suggested frequency takes into consideration an average estimation of ink consumption. Depending on your actual usage and applications, the frequency may vary.

The weekly preventive maintenance procedure involves the following steps:

- **Step 1** - Clean print zone: Print Platen, Media Edge Holders, OMAS sensor, Div. Wheels.
- **Step 2** - Clean aerosol It should be filters (2x) outlet nozzle.
- **Step 3** - Clean paper path: Drive Roller, Pinch-wheels, Media Output Beam, Bottom Plate condensations.

The 125L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the scan axis rails and the drop detector ink deposits.
- **Step 2** - Clean the carriage bottom (Heater Glass and Line Sensor) and replace the bushings foams.
- **Step 3** - Check and empty the oil collector caps side trays.
- **Step 4** - Clean the e-box and e-cabinet fan filters.
- **Step 5** - Clean the Media Input/Media Output (MIMO) and spindle gears metal debris.

## Kit description and contents

### HP Latex 3000 Printers Series Cleaning Kit (CZ056-67390)

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

The 500L preventive maintenance procedure involves the following steps:

- **Step 1** - Replace web wipe rubber blade and clean the area.

## Kit description and contents

### HP Latex 3000 Printer Series - Inbox Material

Part Number	Content	Qty
CZ056-67046	Web wipe rubber blade	03



## 3000L printing cycle

### Required personnel

One HP certified service engineer

### Estimated time<sup>1</sup>

Two days

### Required tools

Standard

### Frequency of procedure

Every 3000 ink liters, 5 years for an average user<sup>2</sup>

## HP Latex 3000 Printers Series 1500L Preventive Maintenance

### Procedure guidelines and activities

This preventive maintenance depends on the number of ink liters, so the suggested frequency takes into consideration an average estimation of ink consumption. Depending on your actual usage and applications, the frequency may vary.

The 1500L preventive maintenance procedure involves the following step:

- **Step 1** - Clean Scan Axis rear beam dust, rubber debris, Vapor Removal (VR) External Filter, sax rods and curing nozzle plate and beam.
- **Step 2** - Check and grease carriage beam screws, and Service Station (SVS) Transmission.
- **Step 3** - Grease substrate drive Transmission, primer o-ring fitting.
- **Step 4** - Empty ink vessel.
- **Step 5** - Replace:
  - e-box and e-cabinet air filters
  - Scan axis carriage felts wicks
  - web wipe rubber
  - damaged diverter wheels
  - rocker pads<sup>3</sup>

### Kit description and contents

#### HP Latex 3000 Printers Series Maintenance Kit 1HA07-67008 / 1VT19A

Part Number	Content	Qty
Q1273-0008	Corrugated box	01
CZ056-67046	Web Wipe Blade Assy SERV	05
CZ056-67390	HP Latex 3000 Cleaning Kit	01
Q6702-60546	Machine Grease&Oil Kit SERV	01
CZ056-67183	Diverter wheel SERV	02
K4G10-67086	Rocker pads SERV	01

## HP Latex 3000 Printers Series 3000L Service Maintenance

### Procedure guidelines and activities

This preventive maintenance depends on the number of ink liters, so the suggested frequency takes into consideration an average estimation of ink consumption. Depending on your actual usage and applications, the frequency may vary.

The 3000L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the impinging plate, curing Printing Circuit Assembly (PCA) fans, Vapor Removal demister filter, encoder and rods.
- **Step 2** - Grease transmissions: Beam Lifters, Service Station, sax rods and Mimo.
- **Step 3** - Clean and empty the drop detector ink vessel.
- **Step 4** - Adjust sax belt tension.
- **Step 5** - Replace:
  - Intermediate tanks
  - Pinchwheels
  - Media load bump screw and spring
  - Curing heater and fan
  - Curing neoprene
  - TRS chain (Power Cable, Ink Cables, Fiber Optics, Chain)
  - Scan axis dampener
  - Carriage bushing and felts
  - Service Station caps
  - Media drive Transmission, motor, PCA and encoder
  - OMAS and PCA
  - Curing internal foams

<sup>1</sup>The estimated time may vary based on the status of the machine or unexpected issues.

<sup>2</sup>Quantities are approximate and depend on usage. They are based on HP recommended best practices.



## Kit description and contents

### HP Latex 3000 Printers Series Service Maintenance Kit (1HA07-67012)

Part Number	Content	Qty
CZ056-67036	SVS caps KIT SERV	01
CZ056-67074	ISM 14x intermediate tank SERV	01
CZ056-67228	Media drive roller transimssion	01
CZ056-67319	Complete chain and tubes SERV	01
CZ056-67380	Vapor Removal impactor SERV	01
CZ056-67440	new Carriage bushing KIT SRV	01
CZ056-67471	Drive roller worm gear SRV	01
K4G10-67106	Pinch_Clamps_Enhanced_SRV	02
1HA07-67026	Pinches_Spring-shafts_SVC	01
1HA07-67038	Curing heater and fan - long_c	12
K4G10-67107	Curing Foam Isolator KIT SERV	01
CZ056-67476	PH cleaning roller up_down par	01
K4G10-67118	Lower curing beam EPDM foam SR	01
CZ056-67097	Pinch assy SERV	02
K4G10-67116	OMAS Platen Assy SRVC	01
K4G10-67115	SAX_Tensioner_Dampener_SVC	01

This document describes the guidelines for performing preventive maintenance for HP Latex 3000 Series Printers average user following HP recommended best practices. Please take into account for those customers with ink collector accessory, printing on porous material, will need a specific maintenance routines, on top. And for those customers printing more than a 200 ink liters a month HP recommends a comprehensive health check at 3000 ink liters to ensure the printer is performing at maximum capacity.

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