

# HP Preventive Maintenance Support Service

For HP Latex 500 series 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 500 series Printer for two print cycles: SMK3 printing cycle and SMK1 printing cycle.

## HP Latex 500 series Printer SMK3 Preventive Maintenance

### Procedure guidelines and activities

This preventive maintenance depends on the ink liters consumed and the kilometers traveled by the printhead carriage. The SMK3 preventive maintenance procedure should be performed by an authorized service provider in accordance with the instructions published by HP.

Following are the steps involved:

- **Step 1** - Change and calibrate the provided parts as explained in the HP Latex 500 series service manual
- **Step 2** - Clean and lubricate the carriage rail
- **Step 3** - Clean the encoder strip, the OMAS, the print platen and the service station cartridge rods
- **Step 4** - Clean the curing module nozzles and pressure chamber

## SMK3 printing cycle

### Required personnel

One HP certified service operator

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

Three hours

### Required tools

Standard tools

### Frequency of procedure<sup>2</sup>

110 ink liters or 3000 scan axis kilometers, 1-2 years for an average user<sup>3</sup>

## Kit description and content

### HP Latex 500 series Printer Service Maintenance kit SMK3 (M0E29-67087)

Part Number	Content	Qty
5182-6079	Carton 400x350x340	1
9223-0658	STRPG-NM POLYP .5-IN-THK	2
9223-1023	WRAP KFT-PPR .004-IN-THK 27-IN	1
B4H70-67025	Line Sensor SERV	1
B4H70-67034	Spit Roller Motor SERV	1
B4H70-67102	Front Rod Oiler SERV	1
B4H70-67130	Carriage Protector Assembly SE	1
B4H70-67135	Curing Air Curt. Cleaning SERV	1
C7769-00200	SVC B BOX LABEL	1
CH955-80014	gloves for CAL service parts	1
CZ151-60201	HP User Maintenance Kit	1
M0E29-00414	CORNER_POST_400mm	2
Q1271-40089	Plastic rear bushing	1
Q1271-60346	Rear lubrication felt assy	2
Q6651-60081	Lubrication Felts Kit SERV	1

## HP Latex 500 series Printer SMK1 Preventive Maintenance

### Procedure guidelines and activities

This preventive maintenance depends on the number of scan axis cycles and ink liters consumed.

The SMK1 preventive maintenance procedure should be performed by an HP authorized service provider in accordance with the instructions published by HP.

Following are the steps involved:

- **Step 1** - Change the provided parts as explained in the HP Latex 500 series service manual
- **Step 2** - SMK3 activities



<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> Average user 5-8L/month

## SMK1 printing cycle

### Required personnel

One HP certified service engineer

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

Six hours

### Required tools

Standard tools

### Frequency of procedure<sup>2</sup>

4 million cycles of the scan axis, 5-10 years  
for an average user<sup>3</sup>.

Includes the SMK3

### Kit description and content

#### HP Latex 560 series Printer Maintenance kit SMK1 (M0E29-67085)

Part Number	Content	Qty
9223-0658	STRPG-NM POLYP .5-IN-THK	2
9223-1023	WRAP KFT-PPR .004-IN-THK 27-IN	1
B4H70-67019	Encoder Strip Sensor 64 SERV	1
B4H70-67026	Belt and Tensioner w/ metal 64	1
B4H70-67031	Scan Axis Motor 64 SERV	1
C7769-00200	SVC B BOX LABEL	1
CH955-00078	Filler Sleeve	1
CH955-00079	Outer carton	1
CH955-80015	screw driver 0.4x2.5	1
M0E29-00414	CORNER_POST_400mm	2
M0E29-67008	APS ASSY STORM SERV	1
M0E29-67011	SRK and TC V2 STORM SERV	1
M0E29-67012	CARRIAGE w/o PCA-SOL-LS STO SE	1
M0E29-67025	PINCH WHEELS STORM SERV	1
M0E29-67087	SMK3 SERV	1
Q1271-00056	PCA cover	1

### Kit description and content

#### HP Latex 570 series Printer Maintenance kit SMK1 (N2G70-67032)

Part Number	Content	Qty
9223-0658	STRPG-NM POLYP .5-IN-THK	2
9223-1023	WRAP KFT-PPR .004-IN-THK 27-IN	1
B4H70-67019	Encoder Strip Sensor 64 SERV	1
B4H70-67026	Belt and Tensioner w/ metal 64	1
B4H70-67031	Scan Axis Motor 64 SERV	1
C7769-00200	SVC B BOX LABEL	1
CH955-00078	Filler Sleeve	1
CH955-00079	Outer carton	1
CH955-80015	screw driver 0.4x2.5	1
M0E29-00414	CORNER_POST_400mm	2
M0E29-67008	APS ASSY STORM SERV	1
M0E29-67012	CARRIAGE w/o PCA-SOL-LS STO SE	1
M0E29-67025	PINCH WHEELS STORM SERV	1
M0E29-67087	SMK3 SERV	1
N2G70-67031	SRK and TC SERV	1
Q1271-00056	PCA cover	1

<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> Average user 5-8L/month

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