



HP Preventive Maintenance Support Service

For HP Latex 300 series Printers

SMK3 printing cycle

Required personnel

One HP certified service engineer

Estimated time¹

Three hours

Required tools

Standard tools

Frequency of procedure²

Approximately 110 ink liters or 3000 scan axis kilometers

SMK2 printing cycle

Required personnel

One HP certified service engineer

Estimated time²

Four hours

Required tools

Standard tools

Frequency of procedure²

Approximately 339 ink liters or 3 million cycles of the service station
Includes the SMK3

SMK1 printing cycle

Required personnel

One HP certified service engineer

Estimated time¹

Six hours

Required tools

Standard tools

Frequency of procedure²

Approximately 489 ink liters or 4 million cycles of the scan axis
Includes the SMK3



Service Maintenance Kits Overview

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

This document describes the guidelines for performing preventive maintenance for an HP Latex 300 series Printer for three print cycles: SMK3 printing cycle, SMK2 printing cycle and SMK1 printing cycle.

HP Latex 300 series SMK3 Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the ink liters consumed and the kilometers traveled by the printheads 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 300 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

Kit description & contents

HP Latex 300 series SMK3 (B4H70-67105)

Part Number	Content
B4H70-67130	Carriage Protector Assembly SE
Q1271-40089	Plastic rear bushing
Q1271-60346	Rear lubrication felt assy
Q6651-60081	Lubrication Felts Kit SERV
B4H70-67025	Line Sensor SERV
B4H70-67102	Front Rod Oiler SERV
B4H70-67034	Spit Roller Motor SERV
B4H70-67135	Curing Air Curt. Cleaning SERV ¹
B4H70-67140	Pressure sensor and valve w/ c ¹
CH955-80014	gloves for CAL service parts ¹
CZ151-60201	HP User Maintenance Kit ¹

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

² Quantities are approximate and depend on usage. They are based on HP recommended best practices.



HP Latex 300 series SMK2 Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of service station cycles.

The SMK2 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 – Replace complete service station

Step 2 – SMK3 activities

Kit description & contents

HP Latex 300 series SMK2 (B4H70-67104)

Part Number	Content
B4H70-67023	Service Station SERV
B4H70-67105	HP Latex 300 series SMK3

HP Latex 300 series SMK1 Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of scan axis cycles. The SMK1 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 the provided parts as explained in the HP Latex 300 series service manual

Step 2 – SMK3 activities

Kit Description & Contents

HP Latex 330 , 360 and 370 SMK1 (B4H70-67103)

Part Number	Content
B4H70-67019	Encoder Strip Sensor 64
B4H70-67020	APS Assy 64
B4H70-67022	Carriage 64
B4H70-67026	Belt and Tensioner 64
B4H70-67031	Scan Axis Motor 64
B4H70-67105	HP Latex 300 series SMK3
B4H70-67138	Ink tubes 64

HP Latex 310 SMK1 (B4H69-67046)

Part Number	Content
B4H69-67010	Encoder Strip Sensor 54
B4H69-67013	Belt and Tensioner 54
B4H69-67055	APS Assy 54
B4H69-67056	Carriage 54
B4H69-67058	Ink tubes 54
B4H70-67031	Scan Axis Motor 64
B4H70-67105	HP Latex 300 series SMK3

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