

Data sheet

HP Preventive Maintenance Support Service

For HP Latex 1500 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 and cleaning for an HP Latex 1500 Printer. It covers preventive maintenance for 900L, service maintenance for 2.5 and 5 million printing cycles: 1500L and 3000L, and covers cleaning.

Daily, weekly and 450L printing cycle

Required personnel

One operator

Estimated time

Daily (30 min), weekly (30 min) and 450L (1h)

Required tools

Standard

Frequency of procedure

Daily, weekly and at 450 ink liters or
750.000 million cycles of the service station
approximately

HP Latex 1500 Printer Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, and it's recommended for the daily, weekly and 450L maintenance routines. Depending on your actual usage and applications, the number of carriage cycles may vary.

The daily preventive maintenance procedure involves the following steps:

- **Step 1** - Check printer status, supplies, waste bottles status and clean dirt from scan axis and mechanical transmissions
- **Step 2** - Check and clean the print zone
- **Step 3** - Check and clean the printer carriage bottom and nozzles

The weekly preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the print zone and paper path: Platen, OMAS/Carriage Bottom, Aerosol Module, Div Wheels, SVS, Aerosol, Curing,
- **Step 2** - Check Condensations
- **Step 3** - Check and empty the condensation collector bottle
- **Step 4** - Clean e-cabinet fan filters, e-box air filters and the heat exchanger air entrance filter

The 450L preventive maintenance procedure involves the following steps:

- **Step 1** - Change WW Rubber
- **Step 2** - Clean Service station transmission, media drive and substrate input and substrate output
- **Step 3** - Clean Dryers Nozzle outlets and replace the printhead cleaning blade

Kit description and content

HP Latex 1500 Printer Cleaning Maintenance kit (K4T88-67255)

Part Number	Content	Qty
3150-0993	FILTER UNIT FOR 4.69-INCH FAN	6
6040-1455	LUBRICANT-GREASE OFF-WHITE	0.25
C7769-00200	SVC B BOX LABEL	1
CZ056-60540	Subassy HP 3000 Cleaning Kit	1
K0Q45-60242	Rod Lubrication	1
K4T88-80192	PFA3145	1
Q6702-40187	PP Oil Container	1
Q6703-60517	Grease_Syringe_3cc	1

HP Latex 1500 Printer 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 1,5 million carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

900L printing cycle

Required personnel

One operator

Estimated time

Four hours

Required tools

Standard

Frequency of procedure

Approximately 900 ink liters or 1.5 million cycles of the service station

The 900L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean and grease the service station transmission and rods
- **Step 2** - Grease the printhead primers
- **Step 3** - Clean scan axis encoder
- **Step 4** - Clean and oil PPS transmission
- **Step 5** - Clean impelling dust in scan axis chain
- **Step 6** - Replace the carriage oil wicks, felts, and clean and oil the scan axis rods
- **Step 7** - Replace the printhead cleaning blade
- **Step 8** - Replace intermediate tanks
- **Step 9** - Replace damaged diverter wheels
- **Step 10** - Replace dryer fan filter

Kit description and content

HP Latex 1500 Preventive Maintenance kit (WOR39A/K4T88-67259)

Part Number	Content	Qty
CZ056-67433	Diverter Module SERV	01
K4T88-67011	Carriage Oiling felts SERV	01
K4T88-67040	ISM 7x intermediate tank SERV	01
K4T88-67116	WW Printhead cleaning blade	02
K4T88-67255	HP Latex 1500 Cleaning Kit	01

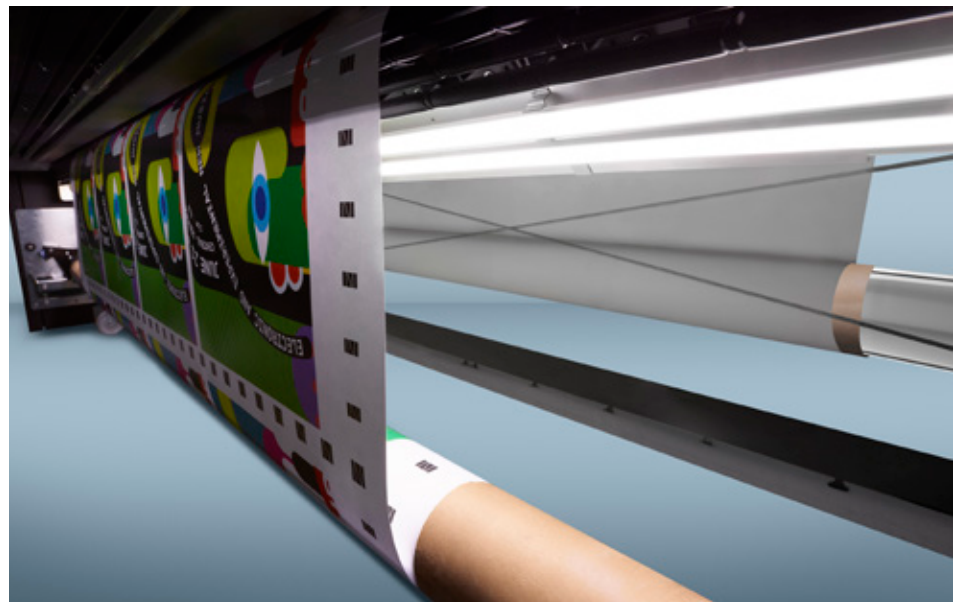
HP Latex 1500 Printer Service Maintenance

Procedure guidelines and activities

These service maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 2.5 and 5 million carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 1500L service maintenance procedure should be performed by an authorized service engineer in accordance with the instructions published by HP, involving the following steps¹:

- **Step 1** - Check printer status
- **Step 2** - Replace Belt
- **Step 3** - Replace Tensioner



1500L printing cycle

Required personnel

One HP certified service engineer

Estimated time

2h

Required tools

Standard

Frequency of procedure

Approximately 1500 ink liters or 2.5 million cycles of the service station

3000L printing cycle

Required personnel

One HP certified service engineer

Estimated time

15h

Required tools

Standard

Frequency of procedure

Approximately 3000 ink liters or 5 million cycles of the service station

Kit description and content

HP Latex 1500 Printer Service Maintenance kit 2 (K4T88-67299)

Part Number	Content	Qty
K4T88-67045	Impelling Carriage belt assy SERV	01
K4T88-67049	Scan Axis Belt Tensioner SERV	01
K4T88-67021	Belt Installation tool SERV	01

The 3000L service maintenance procedure should be performed by an authorized service engineer in accordance with the instructions published by HP, involving the following steps¹:

- **Step 1** - Clean and grease PPS beams and SVS transmission
- **Step 2** - Replace spindles endcaps, gears and spindle valves
- **Step 3** - Replace media drive me transmission and media drive PCA
- **Step 4** - Replace TRS chain with tubes and cables
- **Step 5** - Replace impelling & bearings
- **Step 6** - Replace OMAS, caps and vapor demister
- **Step 7** - Replace curing side foams SRV
- **Step 8** - Replace diverter module service
- **Step 9** - Replace damaged pinch wheels
- **Step 10** - Replace primers and latch serv, swap SAX rods, carriage rails

Kit description and content

HP Latex 1500 Printer Service Maintenance kit 1 (K4T88-67260)

Item Number	Item Description	Qty
9223-1023	WRAP KFT-PPR .004-IN-THK 27-I	0,01
C7769-00200	SVC B BOX LABEL	1
CZ056-67190	Motor DRV PCA SERV	1
CZ056-67228	Media drive roller transimssi	1
CZ056-67432	Side Foams Curing SRV	1
CZ056-67433	Diverter Module SERV	1
K4G10-67094	Spindle Spring Air Valve SERV	1
K4T88-00818	Box_1280x1070x420	1
K4T88-00823	Pallet_1300_1100_114	1
K4T88-67008	Carriage Bearings SERV	1
K4T88-67013	Primer and Latch SERV	4
K4T88-67058	TRS eChain SERV	1
K4T88-67073	Service Station Cap Assy	1
K4T88-67088	Pinch assembly	3
K4T88-67093	VR link Pipe	1
K4T88-67137	OMAS platen assembly	1
K4T88-67151	MI MO Gears upgrade & Spindle	1
Q6702-60546	Machine Grease&Oil kit SERV	1

¹ These steps may vary based on HP continuous improvement or unexpected issues.

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