



# HP Latex

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Maintenance Reference Book



# Maintenance Reference Book

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# Maintenance Reference Book

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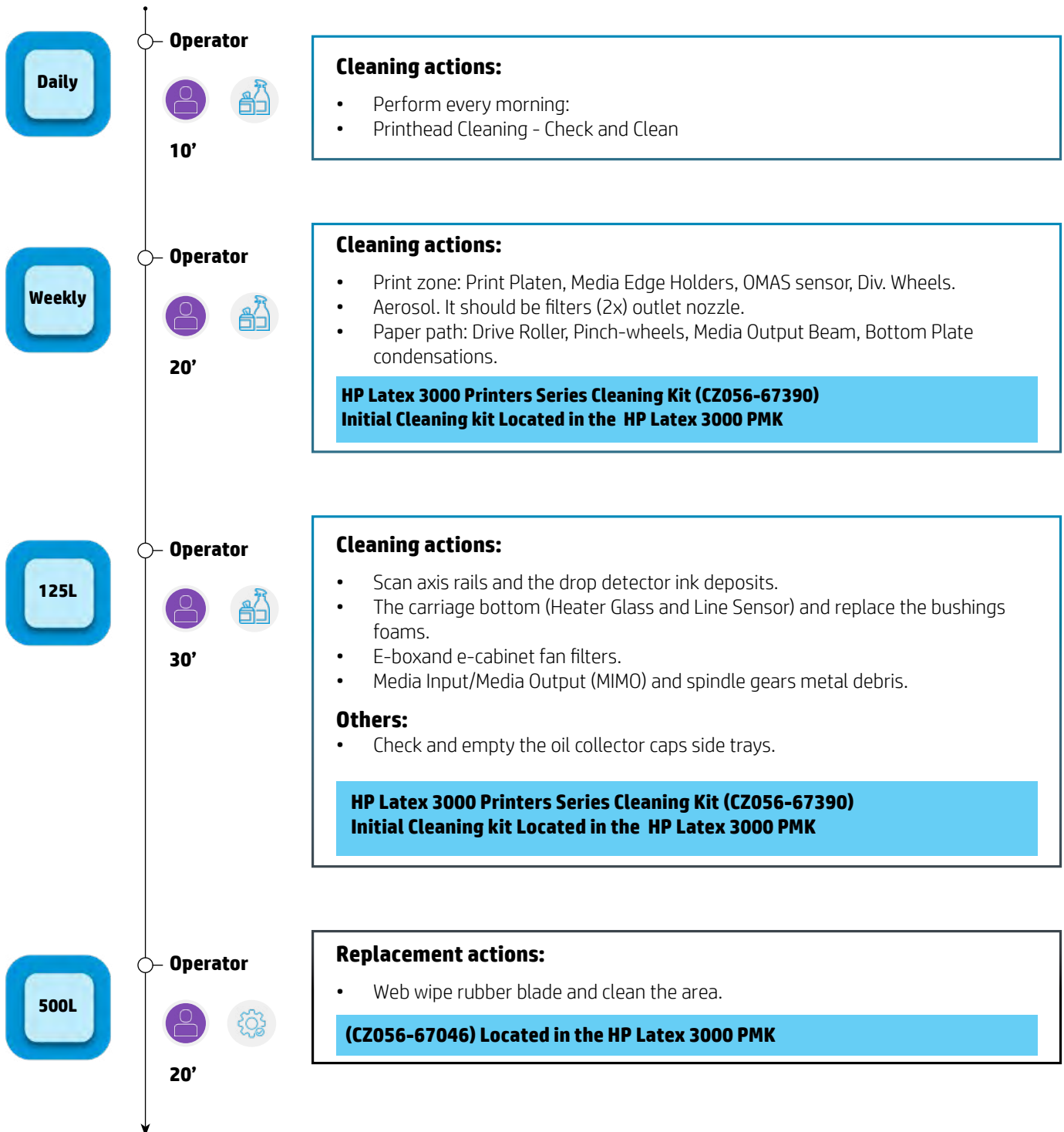
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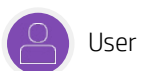
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# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 3000 Printers Series



## Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 3000 Printers Series



**1500L  
PMK**

**Operator**



**3 Hours**

**Cleaning actions:**

- Scan Axis rear beam dust, rubber debris, Vapor Removal (VR) External Filter, sax rods and curing nozzle plate and beam.
- Check and grease actions:
- Carriage beam screws, and Service Station (SVS) Transmission.
- Substrate drive Transmission, primer O-ring fitting.

**Replacement actions:**

- E-box and e-cabinet air filters
- scan axis carriage felts wicks
- Web wipe rubber
- Diverter wheels (as needed)
- Rocker pads

**Others:**

- Empty ink vessel.

**Supplies in HP Latex 3000 Series Printers Maintenance Kit (PMK) 1VT19A**

**SMK1  
3000L**

**HP Certified Engineer**



**4 Days**

**Replacement actions:**

- Media drive roller transmission
- Drive roller worm gear
- 14x intermediate tank
- Side Curing sealing rubber
- Pinch clamp
- Web Wipe Gears
- Spindle bearings Motor Side
- Spindle bearings IDS Side

- Vextract pipes
- Pressure sensor assembly
- Impelling drying data cable
- Impelling 42 V power cable
- Impelling 12 V power cable

**Cleaning and replacement actions:**

- Vapor removal impactor

**Covers ALL HP Latex 3x00 Printers  
HP Latex 3x00 Printers Series Extended liters (1HA07-67069)**

**SMK2  
5M SAX  
cycles**

**HP Certified Engineer**



**1 Day**

**Replacement actions:**

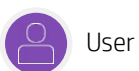
- Carriage bushing kit
- Carriage rear oiler assembly
- New Carriage bushing kit

**Serial Number Specific:**

**Below SN SG45L1P001  
CZ056-67018 | CZ056-67295**

**Above SN SG45L1P001  
CZ056-67440**

**Legend:**



User



Service



Clean



Replace



Oiling-grease



# HP Latex 3x00 Printers Series

Message on the Printer - “3000 Liter Maintenance”



## Print series

HP Latex 3x00 printer Series models

## Required personnel

One HP certified service engineer and One Operator

## Estimated time\*

4 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

## Required tools

Standard, Hook type lock nut spanner 52-55 mm, a roll of navigable media.

## Frequency of procedure

Every 3000 liters

# SMK1

## Kit description and contents

### HP Latex 3000 Printers Series SMK Extended liters (1HA07-67069)

Part Number	Content	Qty
CZ056-67228	Media drive roller transmission	1
CZ056-67471	Drive roller worm gear SRV	1
CZ056-67074	ISM 14x intermediate tank SERV	1
K4G10-67122	Side Curing sealing rubber SRV	1
K4G10-67106	Pinch_Clamps_Enhanced_SRV	2
1HA07-67050	TH WebWipe Gears SRV	1
1HA06-67005	Alt spindle bearings SVC Motor Side**	1
1HA06-67006	Alt spindle bearings SVC ISM Side**	1
1HA07-67057	RH-TH spindle bearings SVC***	4
CZ056-67380	Vapor Removal impactor SERV	1
K4G10-67022	RH_Vextract pipes kit SERV	1
CZ056-67070	ISM pressure sensor assy SERV	1
CZ056-67150	Impelling drying data cable	1
CZ056-67146	Impelling 42 V power cable	1
CZ056-67148	Impelling 12 V power cable	1

\*\*Only to be used with Latex 3000/31000/3200

\*\*\*Only to be used with Latex 3500/3600



# HP Latex 3x00 Printers Series

## 5M Carriage Cycles Service



### Print series

HP Latex 3x00 printer Series models

### Required personnel

One HP certified service engineer and One Operator

### Estimated time\*

1 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

### Required tools

Standard

### Frequency of procedure

Every 5M carriage cycles

# SMK2

### Kit description and contents

#### HP Latex 3000 Printers Series Service Maintenance Kit 2

Serial Number	Part Number	Content	Qty
For printers with SN below SG45L1P001	CZ056-67018*	Carriage bushing kit	1
	CZ056-67295*	Carriage rear oiler assembly	1
For printers with SN SG45L1P001 and Above	CZ056-67440**	New Carriage bushing kit	1

\*\*Only to be used with Latex 3000/31000/3200

\*\*\*Only to be used with Latex 3500/3600



# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 3000 Printers Series - with Ink Collector



## Ink Collector

### Daily 3L

Operator



30'

#### Cleaning actions:

- Clean aerosol filters
- Wipe the protector
- Wipe the ribs of ink collector modules
- Clean condensates from the output platen and output beams

### 40L

Operator



60'

#### Cleaning actions:

- Replace the ink collector foams
- Clean the curing module and airlet plates
- Clean the condensates from the output platen and output beams

**F1V49A HP Latex 3000 Ink Collector Foams Kit**

### 400L

Operator



60'

#### Replacement actions:

- Clean the curing fan grid and internal foam
- Clean the curing module and airlet plates
- If needed replace curing fan and resistor module
- If needed replace the protector
- If needed replace the textile substate edge holder

**Curing Heater and Fan Module Kit (CZ056-67054), included in the HP Latex 3000 Series Standard Uptime Kit (D4J02A)**

**Protector and Edge holders are included in the CZ065A HP Latex 3000 Ink Collector Kit.**

### 1500L

HP Certified Engineer



2 Days

#### Replacement actions:

- Aerosol box
- Line sensor
- SOL mechanism
- Impelling carriage belt assy
- Diverter wheel
- Carriage long encoder assy
- PH cleaning roller up/down parts

- Top Diverter
- Curing Foam Isolator KIT
- Curing heater and fan - long\_cable
- PH Interconnect color PCA
- PH Interconnect optimizer PCA

#### Cleaning and replacement actions:

- Vapor Removal impactor

**HP Latex 3000 Printers Series Textile Maintenance Kit (1HA07-67013)**

#### Legend:



User



Service



Clean



Replace



Oiling-grease





# HP Latex 3x00 Printers Series Service Maintenance 1500 liters

## Textile Service Maintenance Kit



### Print series

HP Latex 3x00 printer Series models with Ink collector kit

### Required personnel

One HP certified service engineer and One Operator

### Estimated time\*

2 Days

### Required tools

Standard

### Frequency of procedure

Every 1500 liters using the ink collector kit

# TMK

### Kit description and contents

#### HP Latex 3000 Printers Series Textile Maintenance Kit (1HA07-67013)

Part Number	Content	Qty
CZ056-67004	Aerosol box	1
CZ056-67006	Line sensor	1
CZ056-67007	SOL mechanism	1
CZ056-67159	Impelling carriage belt assy	1
CZ056-67183	Diverter wheel	12
CZ056-67380	Vapor Removal impactor	1
CZ056-67453	Carriage long encoder assy	1
CZ056-67476	PH cleaning roller up_down parts	1
CZ056-67489	Top Diverter	4
K4G10-67107	Curing Foam Isolator KIT	1
1HA07-67038	Curing heater and fan - long_cable	12
1HA06-67002	PH Interconnect color PCA	6
1HA06-67003	PH Interconnect optimizer PCA	1
CZ056A	Ink collector kit*	1

\*Order the whole accessory if needed



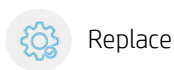
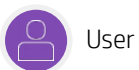
# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 1500 Printers Series



<p><b>Daily</b></p>	<p><b>Operator</b></p> <p> </p> <p><b>10'</b></p>	<p><b>Cleaning actions:</b></p> <ul style="list-style-type: none"> <li>• Perform every morning: Printhead Cleaning</li> <li>• Check and Clean</li> </ul>						
<p><b>Weekly</b></p>	<p><b>Operator</b></p> <p> </p> <p><b>20'</b></p>	<p><b>Cleaning actions:</b></p> <ul style="list-style-type: none"> <li>• Print zone: and output platen</li> <li>• Bottom of carriage and line sensor</li> <li>• Aerosol nozzle plate and filters</li> <li>• Substrate-advance sensor</li> <li>• Drop detector and the capping station</li> <li>• Dive roller and pinch wheels</li> <li>• Perforated plate and curing entrance cover</li> <li>• E-box fan filters</li> <li>• E-cabinet fan filters</li> <li>• Heat exchanger air entrance filter</li> </ul> <p><b>Others</b></p> <ul style="list-style-type: none"> <li>• Check and empty the condensation collector bottle</li> </ul> <p><b>HP Latex 1500 Printer Cleaning Kit</b></p>						
<p><b>450L</b></p>	<p><b>Operator</b></p> <p> </p> <p><b>30'</b></p>	<p><b>Cleaning actions:</b></p> <ul style="list-style-type: none"> <li>• Scan axis and mechanical transmissions</li> <li>• Carriage cooling fan</li> <li>• Two dryer PCA fan filters</li> </ul> <p><b>Others:</b></p> <ul style="list-style-type: none"> <li>• Clean and lubricate drop detector rods</li> <li>• Replace the printhead cleaning blade</li> </ul> <p><b>HP Latex 1500 Printer Cleaning Kit Printer Maintenance Kit (WOR39A)</b></p>						
<p><b>900L</b></p>	<p><b>Operator</b></p> <p> </p> <p><b>3 Hours</b></p>	<table border="0"> <tr> <td data-bbox="518 1534 1005 1780"> <p><b>Cleaning actions</b></p> <ul style="list-style-type: none"> <li>• Substrate drive transmission</li> <li>• PH primers</li> <li>• Scan Axis encoder</li> <li>• Dust in Impelling scan axis chain</li> <li>• Driving fans diffuser</li> <li>• Drop detector encoder strip</li> </ul> </td> <td data-bbox="1021 1534 1452 1780"> <p><b>Others</b></p> <ul style="list-style-type: none"> <li>• Carriage wicks , felts. Clean and oil the scan axis rods</li> <li>• Intermediate tanks</li> <li>• E-cabinet fan filters</li> <li>• E-box fan filter</li> <li>• Diverter wheels (as needed)</li> </ul> </td> </tr> <tr> <td colspan="2" data-bbox="518 1792 1452 1881"> <p><b>Additional Parts needed:</b></p> <ul style="list-style-type: none"> <li>• Curing module side rubbers located in Basic Uptime Kit (PN# K4G10-67122)</li> </ul> </td> </tr> <tr> <td colspan="2" data-bbox="518 1881 1452 2004"> <p><b>HP Latex 1500 Printer Cleaning Kit Printer Maintenance kit (WOR39A) Basic Uptime Kit (V8L81A)</b></p> </td> </tr> </table>	<p><b>Cleaning actions</b></p> <ul style="list-style-type: none"> <li>• Substrate drive transmission</li> <li>• PH primers</li> <li>• Scan Axis encoder</li> <li>• Dust in Impelling scan axis chain</li> <li>• Driving fans diffuser</li> <li>• Drop detector encoder strip</li> </ul>	<p><b>Others</b></p> <ul style="list-style-type: none"> <li>• Carriage wicks , felts. Clean and oil the scan axis rods</li> <li>• Intermediate tanks</li> <li>• E-cabinet fan filters</li> <li>• E-box fan filter</li> <li>• Diverter wheels (as needed)</li> </ul>	<p><b>Additional Parts needed:</b></p> <ul style="list-style-type: none"> <li>• Curing module side rubbers located in Basic Uptime Kit (PN# K4G10-67122)</li> </ul>		<p><b>HP Latex 1500 Printer Cleaning Kit Printer Maintenance kit (WOR39A) Basic Uptime Kit (V8L81A)</b></p>	
<p><b>Cleaning actions</b></p> <ul style="list-style-type: none"> <li>• Substrate drive transmission</li> <li>• PH primers</li> <li>• Scan Axis encoder</li> <li>• Dust in Impelling scan axis chain</li> <li>• Driving fans diffuser</li> <li>• Drop detector encoder strip</li> </ul>	<p><b>Others</b></p> <ul style="list-style-type: none"> <li>• Carriage wicks , felts. Clean and oil the scan axis rods</li> <li>• Intermediate tanks</li> <li>• E-cabinet fan filters</li> <li>• E-box fan filter</li> <li>• Diverter wheels (as needed)</li> </ul>							
<p><b>Additional Parts needed:</b></p> <ul style="list-style-type: none"> <li>• Curing module side rubbers located in Basic Uptime Kit (PN# K4G10-67122)</li> </ul>								
<p><b>HP Latex 1500 Printer Cleaning Kit Printer Maintenance kit (WOR39A) Basic Uptime Kit (V8L81A)</b></p>								

**Legend:**



# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 1500 Printers Series



**1500L**  
2.5M SAX

**HP Certified Engineer**



**This one-time maintenance only applies to printers with SN prior to SG73H1N002. Future replacements will be done in SMK2**

**Replacement actions:**

- Impelling carriage belt assembly
- Scan-axis belt tensioner
- Belt installation tool

**Others:**

- Grease the Web wipe lifter golden rings

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

**SMK1**  
3000L

**HP Certified Engineer**



**2 Days**

**Replacement actions:**

- Drive roller worm gear
- Media drive roller transmission
- All Intermediate tanks
- Carriage bearings
- Carriage oiling felts
- Bearings - motor side plate
- Bearings – Non motor side plate

**Audit Checks:**

- Spindle Motor plates bearings SVC
- Spindle support plates bearings SVC
- Primer and latch SVC
- Service station cap assembly
- IGUS chain cables & tubes

**Cleaning and replacement actions:**

- Side Curing sealing rubber

**Others:**

- Grease the machine using the machine grease and oil kit

**HP Latex 1500 Printers Service Maintenance Kit 1 (K4T88-67342)**

**SMK2**  
5M SAX cycles

**HP Certified Engineer**



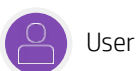
**1 Day**

**Replacement actions:**

- Impelling carriage belt assembly
- Scan-axis belt tensioner
- Belt installation tool
- Dampener for Scan-axis Tensioner

**HP Latex 1500 Printers Service Maintenance Kit 2 (K4T88-67299)**

**Legend:**



# HP Latex 1500 Printers Series 1500L

## Service Maintenance (SMK)



### Print series

HP Latex 1500 printer Series models

### Required personnel

One HP certified service engineer and One Operator

### Estimated time\*

1 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

### Required tools

Standard

### Frequency of procedure

First 1500 liters ONLY

# 1500L

## 2.5M

### Kit description and contents

#### HP Latex 1500 Printers Series 1500L / 2.5M SMK (K4T88-67299) \*\*

Part Number	Content	Qty
K4T88-67306	Impelling carriage belt assembly	1
K4T88-67021	Belt installation tool	1
K4T88-67049	Scan-axis belt tensioner	1
K4T88-67324	Dampener for Lyra SAX tensioner SVC	1

\*\*One-time maintenance only applies to printers with SN prior to SG73H1N002

\*\*Future replacements will be done in SMK2



# HP Latex 1500 Printers Series 3000L

## Service Maintenance (SMK)



### Print series

HP Latex 1500 printer Series models

### Required personnel

One HP certified service engineer and One Operator

### Estimated time\*

3 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

### Required tools

Standard, Hook type lock nut spanner 52-55 mm, a roll of navigable media.

### Frequency of procedure

Every 3000 liters

# SMK1

### Kit description and contents

#### HP Latex 1500 Printers Series 3000L SMK Extended Kit (K4T88-67342)

Part Number	Content	Qty
CZ056-67471	Drive roller worm gear SRV	1
K4T88-67040	ISM 7x intermediate tank SERV	1
CZ056-67228	Media drive roller transmission	1
K4T88-67008	Carriage bearings	1
K4T88-67011	Carriage oiling felts	1
K4T88-67340	Lyra bearings Motor side plate SVC	1
1HA06-67006	Altamira Bearings SRV Kit	1



# HP Latex 1500 Printers Series 5M Cycles Service



## Print series

HP Latex 1500 printer Series models

## Required personnel

One HP certified service engineer

## Estimated time\*

1 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

## Required tools

Standard

## Frequency of procedure

Every 5M carriage cycles

# SMK2

## Kit description and contents

### HP Latex 1500 Printers Series Service Maintenance Kit 2 (K4T88-67299)

Part Number	Content	Qty
K4T88-67306	Impelling carriage belt assembly	1
K4T88-67021	Belt Installation tool SERV	1
K4T88-67049	Scan Axis Belt Tensioner SERV	1
K4T88-67324	Dampener for Lyra SAX tensioner SVC	1



# HP Latex - Preventive Maintenance | HP Latex MV Printers

For HP Latex 1500 Printers Series - with Ink Collector



## Ink Collector

### Daily 3L

Operator



30'

#### Cleaning actions:

- Clean aerosol filters
- Wipe the protector
- Wipe the ribs of ink collector modules
- Clean condensates from the output platen

### 40L

Operator



60'

#### Cleaning actions:

- Replace the ink collector foams
- Clean the curing module and airlet plates
- Check and clean condensates, window rubber and bottom plate sides
- Clean the bottom of the carriage and the line sensor

**TOF92A HP Latex 1500 Ink Collector Foams Kit**

### 400L

Operator



60'

#### Replacement actions:

- Clean the curing fans
- Clean curing module plate and airlet plate
- Clean two dryer PCA fan filters
- Clean scan axis encoder
- Replace protector and textile substrate edge holders

**Protector and Edge holders are included in the P4P92A HP Latex 1500 Ink Collector Kit**

### 1500L

Operator



2 Days\*

#### Replacement actions:

- Curing Service Cover Isolators
- PH Interconnect color PCA
- PH Interconnect optimizer PCA
- Curing heater and fan
- Side Curing sealing rubber
- Aerosol box assy
- Line sensor
- Carriage Fan
- Belt Installation tool
- Impelling Encoder Strip
- Drop Detector Transmission Parts
- Drying Heater and Fan

- Diverter Assy
- Impelling belt assy
- Grommet window
- Scraper tool
- Dampener for Lyra SAX tensioner SVC
- If needed Ink collector kit \*\*\*

#### Cleaning and replacement actions:

- Curing side foams
- Lower curing EPDM foam
- Curing side Sealing rubber

**HP Latex 1500 Printers Series Textile Maintenance Kit K4T88-67316**

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

\*\* Kit content under revision

\*\*\* For Printers with DSDN kit installed the Zary Carriage Line sensor Will be need to be replaced

\*\*\*\* Order the accessory if needed (P4P92A)

#### Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex 1500 Printers Series Service

## Maintenance 1500 liters Textile



### Print series

HP Latex 1500 printer Series models with Ink collector kit

### Required personnel

One HP certified service engineer and One Operator

### Estimated time\*

2 Days

\*The estimated time may vary based on the status of the machine or unexpected issues

### Required tools

Standard

### Frequency of procedure

Every 1500 liters using the ink collector kit

# TMK

### Kit description and contents\*\*

#### HP Latex 3000 Printers Series Textile Maintenance Kit (1HA07-67013)

Part Number	Content	Qty
1HA07-67038	Curing Heater and fan module	12
K4G10-67122	Curing side foams	1
K4G10-67118	Lower curing EPDM foam	1
K4G10-67122	Curing side Sealing rubber	1
K4T88-67015	Carriage fan	1
K4T88-67107	Drying heater and fan	8
K4T88-67044	Impelling encoder strip	1
K4T88-67306	Impelling carriage belt assembly	1
K4T88-67021	Belt installation tool	1
K4T88-67001	Aerosol box	2
1HA06-67002	Printhead interconnect color PCA	3
1HA06-67003	Printhead interconnect optimizer PCA	1
K4T88-67317	Service kit rubbers windows	1
K4T88-67004	Carriage line sensor	1 (or 2)***
K4T88-67135	Diverter assembly	1
K4T88-67080	Drop-detector transmission parts	1
P4P92A	Ink collector kit ****	1

\*\*Kit content under revision

\*\*\* For Printers with DSDN kit installed the 2ary Carriage Line sensor Will be need to be replaced

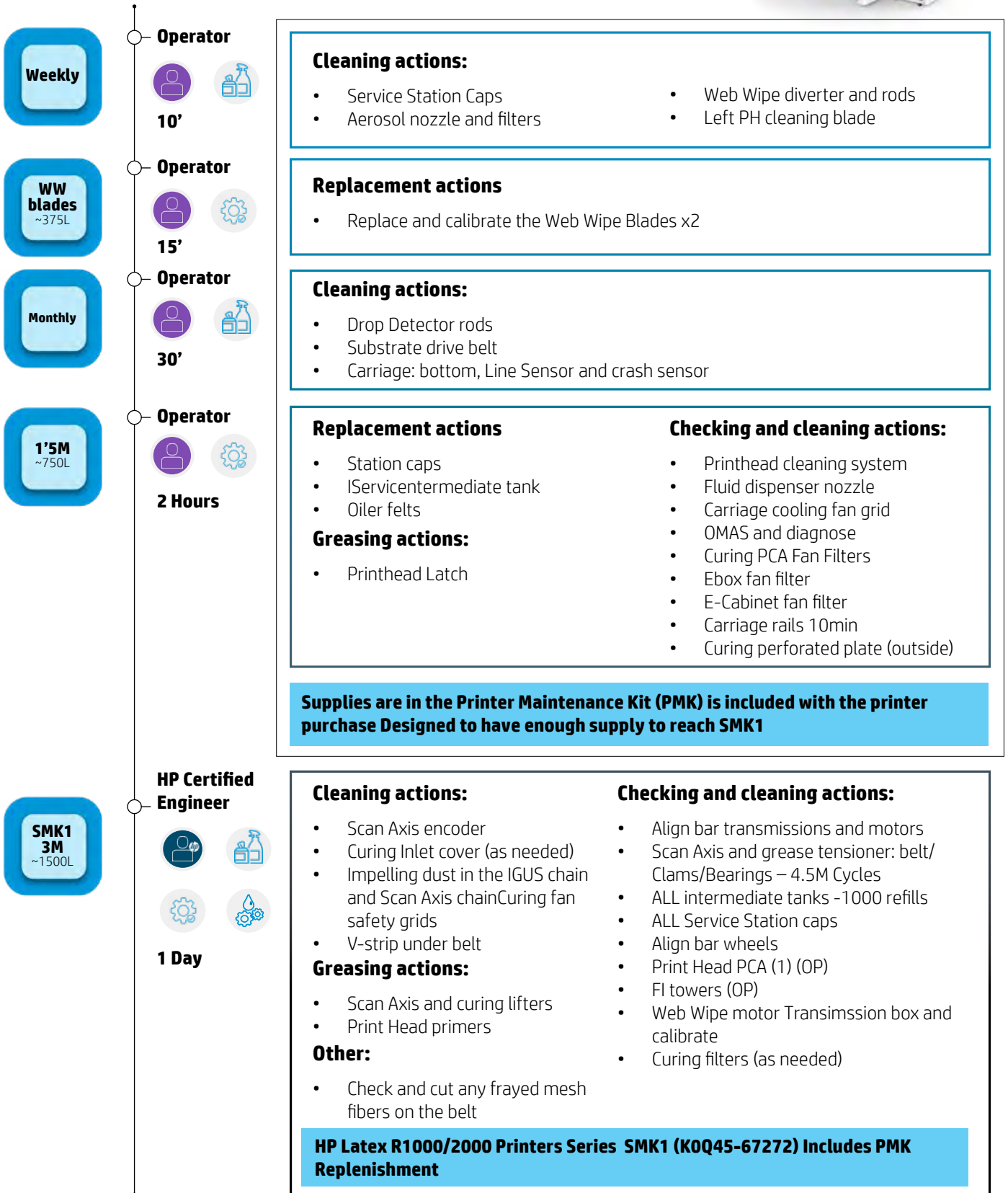
\*\*\*\*Order the accessory if needed



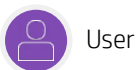


# HP Latex R Series | Maintenance plan

HP Latex R1000/2000 printer series



**Legend:**



# HP Latex R1000/2000 Printers Series Service Maintenance Kit 1



## Print series

HP Latex R1000 printer  
HP Latex R2000 printer

## Required personnel

One HP certified service engineer

## Estimated time\*

1 Day

\*The estimated time may vary based on the status of the machine or unexpected issues

## Required tools

Standard, Hook type lock nut spanner 52-55 mm, a roll of navigable media.

## Frequency of procedure

Every 3M Carriage Cycles

# SMK1

## Kit description and contents

### HP Latex R1000/2000 Printers Series SMK1 (K0Q45-67272)

Part Number	Content	Qty
K0Q45-00762	Pinchwheel mounting tool	1
K0Q45-20350	Alignment bar roller	16
K0Q45-67024	Impelling Carriage belt 64 assy	1
K0Q45-67088	Distilled Water Pump assy	1
K0Q45-67136	WW Printhead cleaning Soft Blade	1
K0Q45-67137	WW Printhead cleaning Hard Blade	2
K0Q45-67270	HP Latex R Series Cleaning Kit	1
K0Q45-67271	HP Latex R Series Printer Maint Kit	1
K0Q45-67289	Service Station Cap Assy	1
K0Q46-67002	Impelling Carriage belt 98 assy	1
K4T88-67008	Carriage Bearings SERV	1
K4T88-67011	Carriage Oiling felts SERV	1
Q6702-60546	Machine Grease&Oil kit SERV	1
K0Q45-60814	ISM 8x intermediate tank SERV	1
K0Q45-67028	TRS FI tower assy SERV	1
K0Q45-67087	Aligment Bar Motor and Gears	1
K0Q45-67129	WW Engage Motor SERV	2
K0Q45-85283	Finguer Guard 80x80	7
K0Q45-85284	Fan Filter 45PPI	7
K0Q45-85303	Richo RFC-080-T	7
K0Q45-67006	Line sensor SERV	1
K0Q45-67276	Scan Axis Belt Tensioner SERV	1
K4T88-67265	Drying PCA cooling fan filterter SERV	2
K0Q46-67091	Replacement Dugong Tool	1
K0Q45-67343	PH interconnect PCA SERV B	1

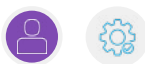
# HP Latex R Series | Maintenance plan

HP Latex R1000/R2000 printer series with White



4  
Months

Operator



20'

## White Maintenance

### Replacement actions

- White Service Station caps
- White Intermediate Tank - 4 months
- Diagnose Auxiliary Print Head

**White maintenance iT7V19-60001 Included in the white inbox**

4 Years  
White  
SMK

HP Certified  
Engineer



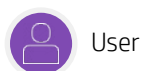
1 Day

### Replacement actions

- White shelf (horiz.) – 4 to 5 years
- White shelf (vert) – 4 to 5 years
- White Print Head PCA (megalon)
- White Print Head pockets

**White SMK K0Q45-67273**

#### Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex R1000/2000 Printers Series White Service Maintenance



## Print series

HP Latex R1000 printer with White  
HP Latex R2000 Printer with White

## Required personnel

One HP certified service engineer

## Estimated time\*

1 Day

\*The estimated time may vary based on the status of the machine or unexpected issues

## Required tools

Standard

## Frequency of procedure

Every 4 years

# White SMK1

## Kit description and contents

### HP Latex R Series White Serv Maintenance Kit (K0Q45-67273)

Part Number	Content	Qty
K0Q45-60404	FI Assy W	1
K0Q45-67281	White recirculation module tray SERV	1
K0Q45-67282	White recirculation TRS tray SERV	1
T7V19-60001	White Maintenance Inbox Kit	1
K0Q45-67028	TRS FI tower assy SERV	1
K0Q45-67117	White IDS Air Circuit SERV	1
K0Q45-67343	PH interconnect PCA SERV B	2



# HP Latex LV Printers | Maintenance plan

## HP Latex 3xx Printer Series



Triggered by the EWS or the FP

### Operator



#### Cleaning actions:

- Printheads
- Electrical connections on the printheads
- Encoder Strip
- Platen Assy.
- Substrate-Advance Sensor Window
- Exterior of the printer

#### Cleaning and greasing actions:

- Clean and lubricate the Carriage Rod

#### Replacement actions:

- Replace Printhead when required

#### Other actions:

- Align printheads
- Reseating a printhead

**HP User Maintenance Kit HP Latex 3xx/5xx printer series (F0M59A)**

SMK3

### HP Certified Engineer



3 Hours

#### 110 Ink L or 3M scan axis cycles

#### Cleaning actions:

- Lubricate the Carriage Rail
- Printheads
- Encoder Strip, the OMAS, the Print Platen and the Service Station Cartridge Rods
- Curing Module Nozzle AND Pressure Chamber

#### Replacement actions:

- Carriage Protector Assembly SE
- Plastic Rear Bushing
- Rear Lubrication Felt Assy.
- Lubrication Felts Kit SERV
- Line Sensor SERV
- Front Rod Oiler SERV
- Spit Roller Motor SERV
- Curing Air Curtain Cleaning SERV1
- Pressure Sensor and Valve w/

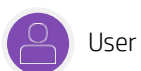
#### HP Latex 3x0 Printer SMK3 64 SERV (B4H70-67159)

HP Latex 330 printer Series  
 HP Latex 335 printer Series  
 HP Latex 360 printer Series  
 HP Latex 365 printer Series  
 HP Latex 370 printer Series  
 HP Latex 375 printer Series

#### HP Latex 3x0 Printer SMK3 54 SERV (B4H70-67160)

HP Latex 110 printer Series  
 HP Latex 115 printer Series  
 HP Latex 310 printer Series  
 HP Latex 315 printer Series

#### Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex LV Printers | Maintenance plan

## HP Latex 3xx Printer Series



**HP Certified Engineer**



**6 Hours**

### **489 Ink L or 4M Scan axis cycles**

#### **Replacement actions:**

- Encoder Strip Sensor
- APS Assy.
- Carriage
- Tensioner
- Scan Axis Motor
- Ink Tubes v2 SERV
- PCA Cover

#### **Perform SMK3**

#### **Cleaning actions:**

- Lubricate the Carriage Rail Printheads
- Encoder Strip, the OMAS, the Print Platen and the Service Station Cartridge Rods
- Curing Module Nozzle AND Pressure Chamber

#### **Replacement Actions:**

- Carriage Protector Assembly SE
- Plastic Rear Bushing
- Rear Lubrication Felt Assy.
- Lubrication Felts Kit SERV
- Line Sensor SERV
- Front Rod Oiler SERV
- Spit Roller Motor SERV
- Curing Air Curtain Cleaning SERV1
- Pressure Sensor and Valve w/

#### **HP Latex 3x0 printer SMK1 64 SERV (B4H70-67158) Includes SMK 3**

HP Latex 330 printer Series  
HP Latex 335 printer Series  
HP Latex 360 printer Series  
HP Latex 365 printer Series  
HP Latex 370 printer Series  
HP Latex 375 printer Series

#### **HP Latex 3x0 printer SMK1 54 SERV (B4H69-67063) Includes SMK 3**

HP Latex 110 printer Series  
HP Latex 115 printer Series  
HP Latex 310 printer Series  
HP Latex 315 printer Series

#### **Legend:**



User



Service



Clean



Replace



Oiling-grease



# HP Latex 3x0 Printer Service Maintenance Kit 3



## Print series

HP Latex 110 printer Series  
HP Latex 115 printer Series  
HP Latex 310 printer Series  
HP Latex 315 printer Series  
HP Latex 330 printer Series  
HP Latex 335 printer Series  
HP Latex 360 printer Series  
HP Latex 365 printer Series  
HP Latex 370 printer Series  
HP Latex 375 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

3 Hours

## Required tools

Standart

## Frequency of procedure

Aproximately every 3000-scan axis Km.

# SMK3

## Kit description and contents

**HP Latex 3x0 Printer SMK3 64 SERV (B4H70-67159)**

**HP Latex 3x0 Printer SMK3 54 SERV (B4H70-67160)**

Part Number	Content	Qty
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
CZ151-60201	HP User Maintenance Kit	1
Q1271-40089	Plastic rear bushing	1
Q1271-60346	Rear lubrication felt assy	2
Q6651-60081	Lubrication Felts Kit SERV	1
B4H70-67140	Pressure sensor and valve w/ c revB	1
B4H69-67060	Recirculation Cover 54in	1
B4H70-67139	Recirculation Cover 64in	1



# HP Latex 3x0/3x5 Printer Service Maintenance Kit 1



## Print series

HP Latex 330 printer Series  
HP Latex 335 printer Series  
HP Latex 360 printer Series  
HP Latex 365 printer Series  
HP Latex 370 printer Series  
HP Latex 375 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

6 Hours

## Required tools

Standart

## Frequency of procedure

Every 4M Scan axis cycles Include SMK3

# SMK1

## Kit description and contents

### HP Latex 3x0/3x5 Printer Series SMK1 64 SERV (B4H70-67158)

Part Number	Content	Qty
B4H70-67019	Encoder Strip Sensor 64 SERV	1
B4H70-67022	Carriage w/o PCA-SOL-LS SERV	1
B4H70-67026	Belt and Tensioner w/ metal 64 SERV	1
B4H70-67031	Scan Axis Motor 64 SERV	1
B4H70-67159	SMK3 SERV	1
Q1271-00056	PCA cover	1
B4H70-67020	APS Assy 64 SERV	1
B4H70-67138	SRK and TC 64 V2 SERV	1
B4H70-67142	Fan Heater Assy.	4
B4H70-67143	Curing Control PCA	1
B4H70-67144	Impinging Control Cables	1





# HP Latex 3x0/3x5 Printer Service Maintenance Kit 1



## Print series

HP Latex 110 printer Series  
HP Latex 115 printer Series  
HP Latex 310 printer Series  
HP Latex 315 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

6 Hours

## Required tools

Standart

## Frequency of procedure

Every 4M Scan axis cycles Include SMK3

# SMK1

## Kit description and contents

### HP Latex 3x0/3x5 Printer Series SMK1 54 SERV (B4H69-67063)

Part Number	Content	Qty
Q1271-00056	PCA cover	1
B4H69-67010	Encoder Strip Sensor 54 SERV	1
B4H69-67013	Belt and Tensioner w/ metal 54 SERV	1
B4H69-67055	APS Assy 54 SERV	1
B4H70-67031	Scan Axis Motor 64 SERV	1
B4H70-67105	SMK3 SERV	1
B4H69-67056	Carriage w/o PCA-SOL-LS 54 SERV	1
B4H69-67058	SRK and TC 54 V2 SERV	1
B4H70-67142	Fan Heater Assy.	3
B4H70-67143	Curing Control PCA	1
B4H70-67144	Impinging Control Cables	1



# HP Latex LV Printers | Maintenance plan

## HP Latex 5xx Printer Series



Triggered by the EWS or the FP

### Operator



#### User Maintenance Kit

##### Cleaning actions:

- Printheads
- Electrical connections on a printhead
- Encoder strip
- Platen
- Substrate-advance sensor window
- Exterior of the printer

##### Cleaning and greasing actions:

- Clean and lubricate the carriage rod

##### Replacement actions:

- Replace a printhead

##### Other actions:

- Align printheads
- Reseating a printhead

**HP Latex 3xx/5xx printer series User Maintenance Kit (FOM59A)**

SMK3

### HP Certified Engineer



3 Hours

#### 110L Ink or 3000 scan axis KM

##### Cleaning actions:

- Printheads
- Clean and lubricate the carriage rail
- Encoder strip, the OMAS, the print platen and the Service Station Cartridge rods
- Curing Module nozzles and pressure chamber

##### Replacement actions:

- Line sensor
- Spit roller motor
- Front rod oiler
- Carriage protector assembly
- Plastic rear bushing
- Rear lubrication felt assembly
- Lubrication felts kit
- Recirculation Cover 64

**HP Latex 5x0 Printer (M0E29-67119)**

#### Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex LV Printers | Maintenance plan

## HP Latex 3xx Printer Series



**HP Certified  
Engineer**



**6 Hours**

### Every 4M Scan axis cycles

#### Replacement actions:

- Encoder strip sensor 64 SERV
- Belt and tensioner w/ metal 64
- Scan axis motor 64 SERV
- Corner post 400mm
- APS assembly storm SERV
- Tubing Assembly and Trailing Cable\*\*
- Carriage w/o PCA-SOL-LS STO SE
- Pinchwheels
- PCA cover
- Fan Heater Assembly QTY 4
- **Includes SMK3**

### HP Latex 560/570 printer Series

#### Perform SMK3

#### Cleaning actions:

- Printheads
- Clean and lubricate the carriage rail
- Encoder strip, the OMAS, the print platen and the Service Station Cartridge rods
- Curing Module nozzles and pressure chamber

#### Replacement Actions:

- Line sensor
- Spit roller motor
- Front rod oiler
- Carriage protector assembly
- Plastic rear bushing
- Rear lubrication felt assembly
- Lubrication felts kit
- Recirculation Cover 64

**HP Latex 560 printer (M0E29-67118)**

**HP Latex 570 printer (N2G70-67034)**

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

\*\* Only for HP Latex 560. M0E29-67011 SRK and TC V2 Storm SERV

Only for HP Latex 570. N2G70-67031SRK and TC SERV

#### Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Latex 5x0 Printer Service Maintenance Kit 3



## Print series

HP Latex 560 printer Series  
HP Latex 570 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

3 Hours

## Required tools

Standart

## Frequency of procedure

Aproximately every 110 Ink liters or 3000 scan axis Km.

# SMK3

## Kit description and contents

### HP Latex 500 Printer SMK3 SERV (M0E29-67119)

Part Number	Content	Qty
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 SERV	1
CZ151-60201	HP User Maintenance Kit	1
Q1271-40089	Plastic rear bushing	1
Q1271-60346	Rear lubrication felt assy	2
Q6651-60081	Lubrication Felts Kit SERV	1
B4H70-67135	Curing Air Curt. Cleaning SERV	1
B4H70-67139	Recirculation Cover 64	1



# HP Latex 560 Printer Service Maintenance Kit 1



## Print series

HP Latex 560 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

6 Hours

## Required tools

Standart

## Frequency of procedure

Every 4M Scan axis cycles Includes SMK3

# SMK1

## Kit description and contents

### HP Latex 560 Printer Series SMK1 (M0E29-67118)

Part Number	Content	Qty
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
M0E29-00414	CORNER POST 400mm	1
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	1
M0E29-67087	SMK3 SERV	1
Q1271-00056	PCA cover	1
M0E29-67047	Fan Heater Assembly	4



# HP Latex 570 Printer Service Maintenance Kit 1



## Print series

HP Latex 570 printer Series

## Required personnel

One HP certified service engineer

## Estimated time

6 Hours

## Required tools

Standart

## Frequency of procedure

Every 4M Scan axis cycles - Includes SMK3

# SMK1

## Kit description and contents

### HP Latex 570 Printer Series SMK1 (N2G70-67034)

Part Number	Content	Qty
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
MOE29-00414	CORNER POST 400mm	1
MOE29-67008	APS ASSY STORM SERV	1
N2G70-67031	SRK and TC SERV	1
MOE29-67012	CARRIAGE w/o PCA-SOL-LS STO SE	1
MOE29-67025	PINCH WHEELS STORM	1
MOE29-67087	SMK3 SERV	1
Q1271-00056	PCA cover	1
MOE29-67047	Fan Heater Assembly	4



# HP Dye-Sub Printers | HP Maintenance Plan

For HP Stitch S300 Printers & HP Stitch S500 Printers



285  
Kcycles

## Operator



20'

### Cleaning actions:

- Clean Encoder Strip
- Clean the platen

### Cleaning and oiling actions:

- Clean & Oil slider rods

**User Maintenance Kit UMK (2ET72-60087)  
Included in the printer and in SMK3**

SMK3

## HP Certified Engineer



3 Hours

### 3500 Scan axis km

### Cleaning actions:

- Line Sensor Cleaning
- Encoder strip

### Cleaning & Replacement actions:

- SVS PHC rods Carriage felts & Clean bushings
- Plastic Rear Bushing & Rear Lubrication felt assy

### Replacement actions:

- Line Sensor
- Under Carriage Protector Assembly
- Lubrication Felts Kit
- Left Spittoon Assembly
- Left Spittoon Tank

### Replacement, Cleaning & Oiling actions:

- Front Rod Oiler + Lubricant bottle + clean and lubricate both slider rods

### Others:

- User maintenance actions

**HP Stitch S3xx/5xx SMK3 (2ET72-67044)**

## Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Stitch S3xx/S5xx Printer Service Maintenance Kit 3 (SMK3)



## Print series

HP S300 Printer  
HP S500 Printer

## Required personnel

One HP certified service engineer

## Estimated time

3 Hours

## Required tools

Standart

## Frequency of procedure

Every 3500 Scan Axis Km

# SMK3

## Kit description and contents

### HP Stitch S3xx/5xx SMK3 (2ET72-67044)

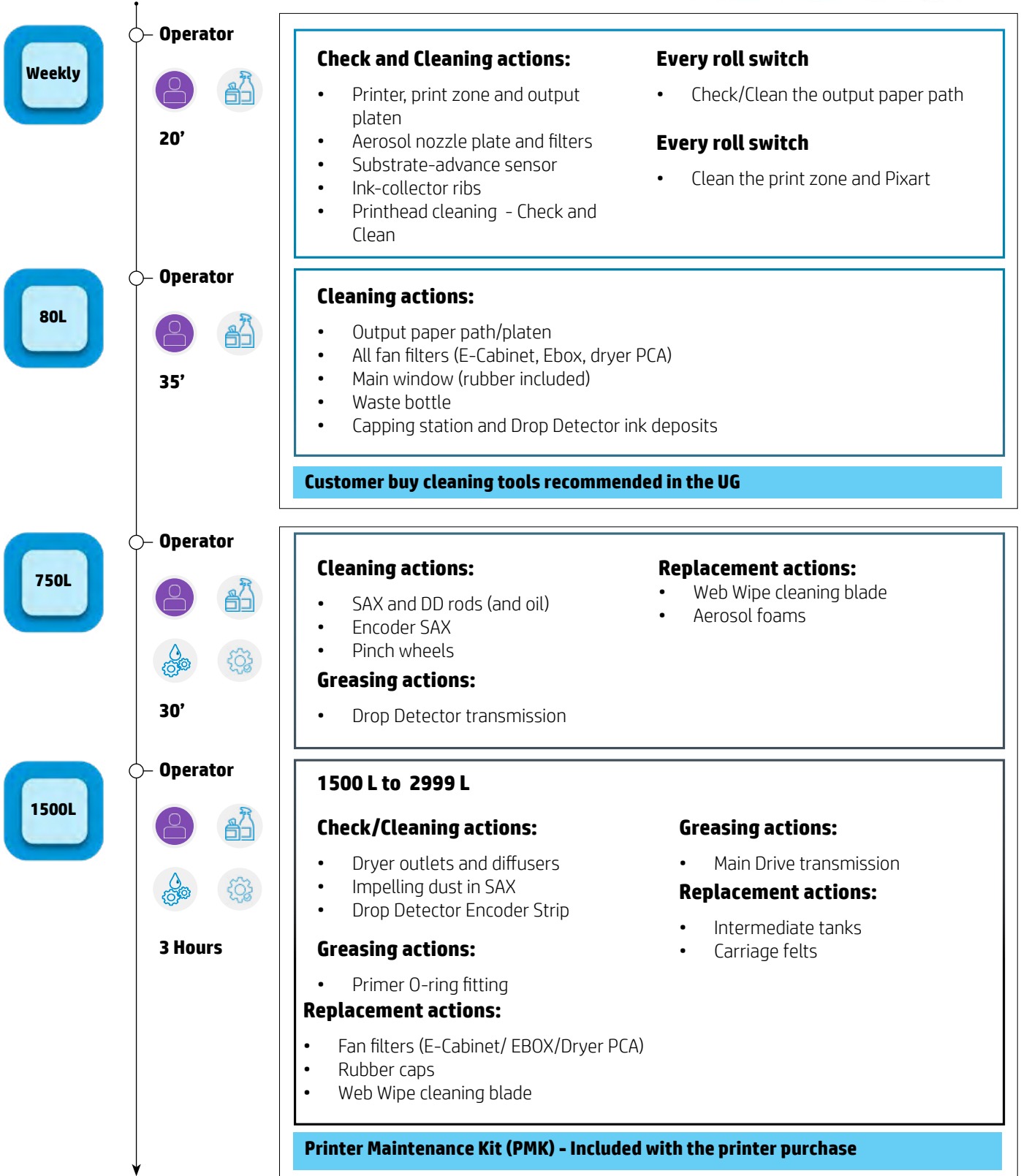
Part Number	Content	Qty
B4H70-67025	Line Sensor SERV	1
B4H70-67102	Front Rod Oiler SERV	1
Q1271-40089	Plastic rear bushing	1
Q1271-60346	Rear lubrication felt assy	1
Q6651-60081	Lubrication Felts Kit SERV	1
2ET72-60087	HP S.300/500 User Maintenance Kit	1
2ET72-67049	Stitch Left Spitoon Assy SERV	1
2ET72-67050	Stitch Left Spitoon Tank SERV	1



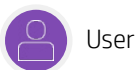


# HP Dye-Sub Printers | HP Maintenance Plan

For HP Stich S1000 Printer



**Legend:**



# HP Dye-Sub Printers | HP Maintenance Plan

For HP Stich S1000 Printer



**SMK1  
3000 L**

**HP Certified  
Engineer**



**12h - 2 Days  
Proactive visit**

## Every 4M Scan axis cycles

### Greasing actions:

- SVS and PPS transmission
- tensioner
- Main Drive transmission

### Replacement Actions:

- SAX belt/clamp/pulley
- SAX encoder strip

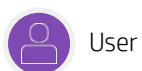
### Inspect and Replace as needed\*

- Line sensor
- Drop Detector encoder strip and belt
- Carriage cooling
- Aerosol modules
- Main window rubber
- OMAS+ sensor
- Dryer fan and heater (x8)
- Main Drive PCA and encoder

**Service Maintenance Kit 1 (4DC17-67124)**

**\*Parts not included in SMK1 Kit**

## Legend:



User



Service



Clean



Replace



Oiling-grease



# HP Stich S1000 Printer Service Maintenance Kit 1



## Print series

HP S1000 printer

## Required personnel

One HP certified service engineer

## Estimated time

2 Hours

## Required tools

Standart

## Frequency of procedure

Every 3000 liters printed

# SMK1

## Kit description and contents

### HP Stich S1000 Printer Service Maintenance Kit 1 (4DC17-67124)

Part Number	Content	Qty
4DC17-67001	SRC ISM Intermediate tank	2
4DC17-67084	Impelling belt assy SERV	1
4DC17-67100	Impelling Pulley	1
4DC17-67117	Service Station Cap Assy	1
CH971-62487	CLOTH	20
K4T88-67021	Belt Installation tool SERV	1
K4T88-67044	Impelling Encoder Strip SERV	1
K4T88-67116	WW Printhead cleaning blade	3
K4T88-67255	HP SERIES 1000/3000 CLEANING KIT – PMK	1
4DC17-67139	MAS Window frame and Glass SRV2	1

