

Object : PRODUCT DOCUMENT  
DOCUMENT NUMBER : 1010141330  
REVISION : 02  
  
TITLE : PS&E,01039,RE-USE/RECYCLING CW500/700  
TYPE : pse\_Scrap\_Manual  
AUTHOR : meu

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CHANGE HISTORY

TASK : TSK0026973 MOD\_AUTHOR: meu REVISION: 02  
MOD\_DESCR : Update Cooling liquid.

# Statement of Scrap Compliance

**Project** : CollorWave CW500/CW700

**Model** : Océ 01039

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## 1. OTS-8017 Scrap Manual

The scrap manual is required according to OTS 8017, and for EPEAT compliance. For details on the latter, see IEEE 1680 Family of Standards for Environmental Assessment of Electronic Products, section 4.3.3.1&4.3.4.1.

- Scrap parts are marked as critical parts in the Safety Index (SI00001545) on part- and info-level.
- Every SI00001545 marked part has an AVS-/TVS/RVS-code as specified in the remark field

The Rio engine contains following materials and components for which separation is compulsory:

Materials and Components	Details	AVS-code	RVS-code	TVS-code	Applicable (YES/NO)
Asbestos-containing components	Brake couplings in diazo equipment	E2			No
Batteries	Separate batteries (for batteries on printed circuit boards: see below: printed circuit boards)	Q			Yes: Item 13, page 13 Item 20, page 15
Beryllium containing components	Peltiers elements, triacs, components of beryllium alloys etc	J.4			No
Black toner and developer powders	B1 toner and D1 developer cassettes, cleaning tray, filters, etc (containing B1 toner or D1 developer)	W			No
	Various other black (Océ) toners, toner cassettes, cleaning tray etc.	U			No
Coloured toner and developer powders	All coloured toners and developers, cassettes, cleaning tray, filters etc (containing colour toner)	II			No
Components which contain liquid	Capacitors	R			No
	Oil dampers	X			No
	Components which contain silicone	S			No
	Oil	O or V			Yes: Item 38, page 23
	(Océ) toner liquid (cassettes); ink cassettes	V			No
Computer equipment	Cathode ray tubes, monitor, LCD screens, LED bars	J.2			Yes: Item 1, page 7 Item 8, page 13
Electrical wire harness	Electrical cables		901		Yes: All cables and harnesses
Gas discharge lamps	Fluorescent lighting tubes, mercury vapour lamps, energy-saving lamps, sodium lamps, neon lamps, etc	QQ			No
Gas springs	Various gas springs		906	139 166	No
Hotmelt inks	Various hotmelt inks	V			Yes: Item 4, page 10 Item 35, page 22 Item 36, page 22

					Item 37, page 22 Item 40, page 24
Liquids	Waste oil	D			No
	Silicone oil	S			No
	(Océ) cooling liquids	G or O			Yes: Item 21, page 17 Item 25, page 18
	(Océ) toner liquids, concentrates, replenishers, inks, etc	O or V			No
	Developer G-materials	LLL			No
	Developer A-and D-materials	O or V			No
Magnetic materials <sup>1</sup>	Developing/magnetic rollers		910	015	Yes: Item 3, page 10 Item 22, page 17 Item 23, page 17 Item 34, page 21 Item 43, page 24 Item 47, page 25
Mercury containing components	Mercury switches, relays, thermostats, backlighting lamps	J		026	No
Photoconductors	Selenium drum	JJ			No
	Arsenic selenide or cadmium sulphide drums	X			No
	Zinc oxide master	ZZ			No
	OPC master	N			No
	OPC drum	J.3			No
Plastic parts that contain brominated flame retardants	Cover plates		380		No
Printed circuit boards	Various printed circuit boards, including mounted batteries		902		Yes: Item 2, page 10 Item 5, page 11 Item 6, page 12 Item 7, page 12 Item 9, page 13 Item 10, page 13 Item 11, page 13 Item 12, page 13 Item 14, page 14 Item 15, page 14 Item 16, page 14 Item 17, page 14 Item 18, page 14 Item 19, page 15 Item 24, page 18 Item 26, page 18 Item 27, page 18 Item 28, page 19 Item 29, page 19 Item 30, page 20 Item 31, page 20 Item 32, page 21 Item 33, page 21

<sup>1</sup> According to RVS910, this applies to magnets with a field strength >60 mT

					Item 39, page 24 Item 41, page 24 Item 42, page 24 Item 44, page 25 Item 45, page 25 Item 46, page 25 Item 49, page 26
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Although not mentioned in the current version (04) of OTS 0827, the following materials were also marked as critical part:

Materials and Components	Details	AVS-code	RVS-code	TVS-code	Applicable (YES/NO)
Intermediate with glass material	Glass product with rubber and metals				No
Glass plate	Glass plates, due to injury risks during recycling		610		No
Mirror	Glass mirrors, due to injury risks during recycling		90		No
CCD lens	Lenses with glass opticals		90		Item 46, page 25
Strong magnets			610		No

## 2. Explanantion AVS/TVS/RVS-codes

An explanantion of all AVS, TVS and RVS codes can be found documents that can be found on the Océ intranet.

An overview is shown in the following table:

NeV	<a href="#">22P01</a>	2001-08-21	Procedure bedrijfsreststoffen
NeV	<a href="#">22P01-1</a>	2001-06-28	Overzicht RVS-bladen (bijlage 1 van 22P01)
NeV	<a href="#">22P02</a>	2001-10-17	Procedure gevaarlijk afval / Procedure chemisch afval
NeV	<a href="#">22P02-1</a>	2001-02-21	Overzicht AVS-bladen (bijlage 1 van 22P02)
NeV	<a href="#">23V02</a>	2007-03-19	Transportvoorschriften voor het vervoer van gevaarlijke stoffen
NeV	<a href="#">23V02-A</a>	2007-03-19	Transportvoorschriften voor het vervoer van gevaarlijke stoffen - A
NeV	<a href="#">23V02-B</a>	2007-03-19	Transportvoorschriften voor het vervoer van gevaarlijke stoffen - B
NeV	<a href="#">23V02-C</a>	2007-03-19	Transportvoorschriften voor het vervoer van gevaarlijke stoffen - C

The procedures for each individual code are found in separate procedure documents through the same intranet.

With the above documentation, this means that the end-of-life characterization report for substances according to WEEE Annex II is made available to our (internal) reuse and recycling facility, and is available upon request to other organizations, according to EPEAT requirement 4.3.4.1.

### 3. Item List

Item	Part Number <sup>2</sup>	Description	Page
1	1070047275	USER INTERFACE PANEL TYPE III - EDT	7
2	1202517	IC,1K EPROM IBUT-DS1982	10
3	1060067754	MAGNET	10
4	1060068857 1060068859 1060068860 1060068861	END,YELLOW TONERPEARLS END,CYAN TONERPEARLS END,MAGENTA TONERPEARLS END,BLACK TONERPEARLS	10
5	1060016064	PBAP,TONER SUPPLY	11
6	1070049983	PBAP,HEIGHT_ADJUST	12
7	1060130962	AIR PRESSURE SUPPLY	12
8	1070053078 or 1070053079	CONTROLLER CW500 or CONTROLLER CW700	13
9	1070036432	PBAP, PCI-IO	13
10	1070053257	EMBEDDED_CONTROLLER_E11 (PROGRAMMED)	13
11	1060123912	SUPPLY, ATX 350W 80+, NIP READY	13
12	1070053258	SATA DOM, PROGRAMMED (SERVICE)	13
13	-	BATTERY	13
14	1070038644	ENTRY,MODULE FILTER 15A	14
15	1070012537	POWER SUPPLY 24V 600W	14
16	1060063768	SUPPLY 48V 750W	14
17	1060123670	PBA,SMART_BLEEDER	14
18	1070036049	PBA,AC_SWITCH	14
19	1070042440	12V_TO_24V_CONVERTER-ASSY	15
20	-	BATTERY	15
21	2947294 or 1070073534	LIQUID,COOLING	17
22	2912595	MAGNET	17
23	1060058976	MAGNET	17
24	1060122112	PUMP	18
25	2947294 or 1070073534	LIQUID,COOLING	18
26	1070034718	PBA,EMBEDDED_AMPLIFIER	18
27	1060023830	PBA,LNC	18
28	1070036002	PBA,DISTRIBUTION	19
29	1070053422	PBAP, USB_T_RH_SENSOR	19
30	1060016047	PBAP,TRAY	20
31	1070034220	PBAP,PSM	20
32	1060113851	MOTOR-ASSY-CPL	21
33	1060016854	PBAP,CLEANING	21
34	1060113899	MAGNET	21
35	1060113893	CLEANWALL	22
36	1070005792	END, FFKM WIPER ASSY	22
37	1060053729	INSULATION,BOTTOM	22
38	1060052700	LUBRICATOR BEARING SURFACE,ASSY(SERVICE)	23
39	1070036425	PBAP, CARRIAGE	24
40	1060016716	END,PRINTHEAD TUNED AND TESTED	24
41	1060026673	PBA,RULER ENCODER	24
42	1070041517	PBA,MC_INTERFACE_FLEX	24
43	1060054713	MAGNET	24
44	1070036044	PBAP,MC_CCD	25
45	1070035964	PBA,MC_LED	25
46	1070021942	SENSOR,MEASUREMENT AND CONTROL	25
47	1060058976	MAGNET	25
48	1060032182	BLISTER	26
49	1060131799	SCANNER,GRAPHTEC ES350-01 (CA)	26

<sup>2</sup> The following part numbers are not managed and may change over time.

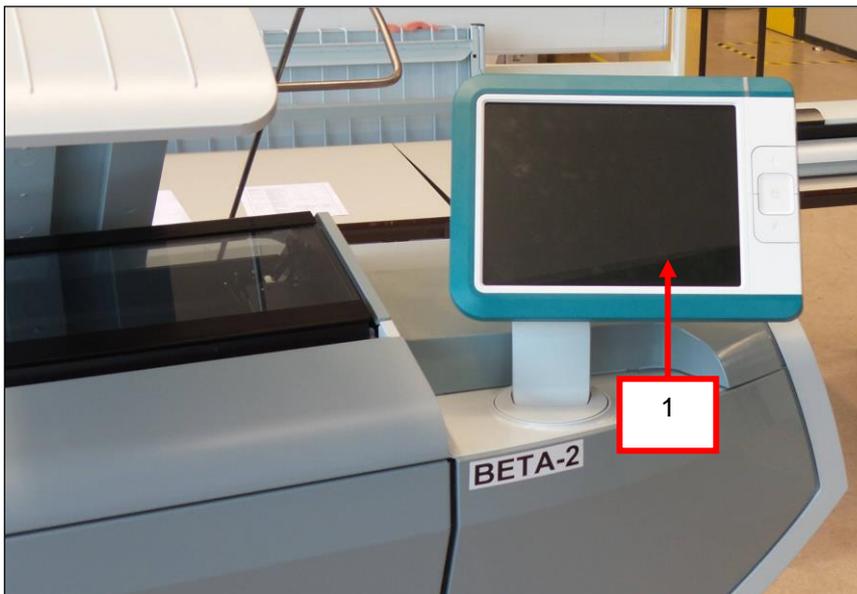
#### 4. Photos and Descriptions

##### 4.1 User Interface and Toner Cartridges

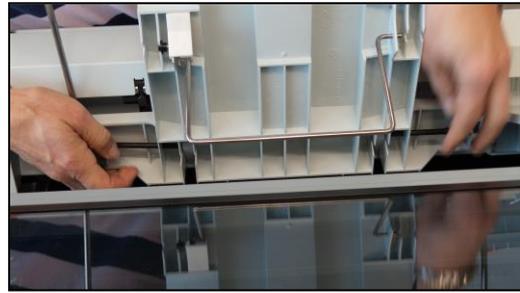


Remove UI Panel →

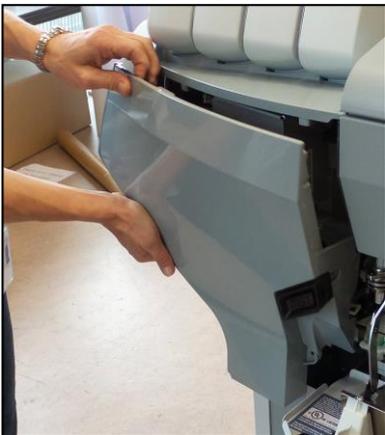
- Item 1: USER INTERFACE PANEL TYPE III – EDT



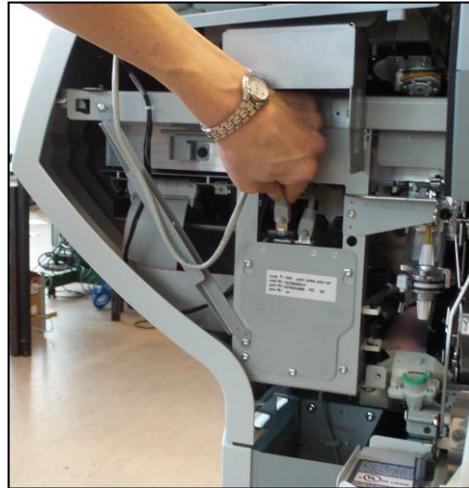
Remove the covers of the INTEGRATED RECEIVING TRAY (IRT): PLATE, RACK (2x), BRACKET RACK UPPER (2x) and ROD, CENTER →



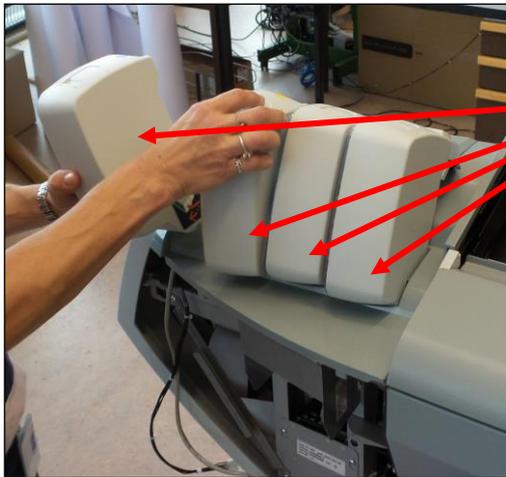
Remove the COVER FRONT LEFT →



Continue unplugging the wires of the TONER SUPPLY UNIT →



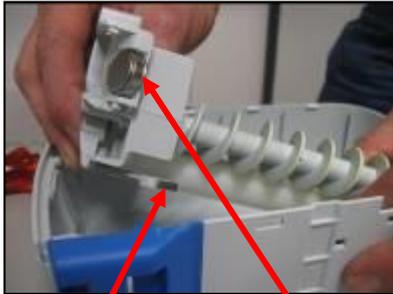
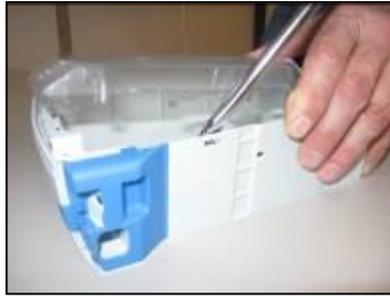
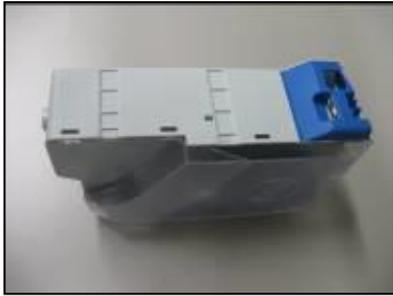
Remove 4x TONER CARTRIDGES: Yellow, Black, Magenta and Cyan →



TONERCARTRIDGES



- Item 2: IC,1K EPROM IBUT-DS1982 (1x per cartridge)
- Item 3: MAGNET (1x per cartridge)
- Item 4: TONER PEARLS (Yellow, Cyan, Magenta, Black)



3

2

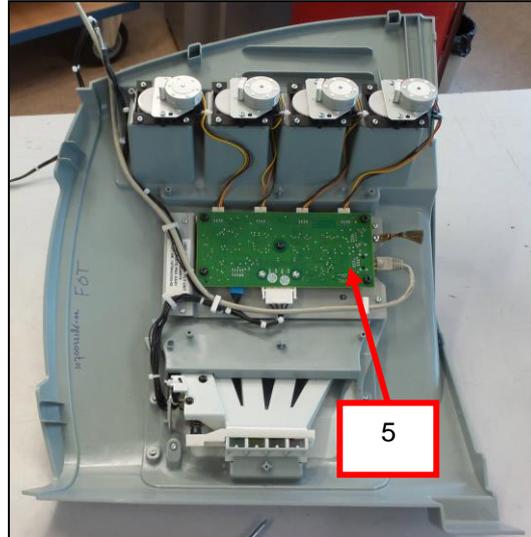
4

#### 4.2 Toner Supply Unit

*Remove the TONER SUPPLY UNIT →*



- Item 5: PBAP, TONER SUPPLY

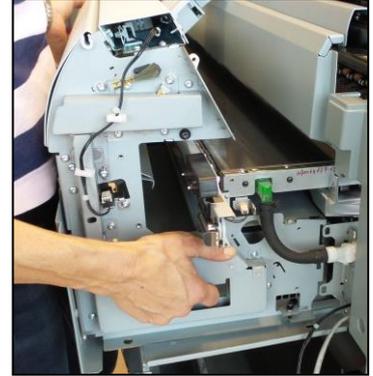


### 4.3 Covers, IRT and Electrical Units

*Continue removing covers →*

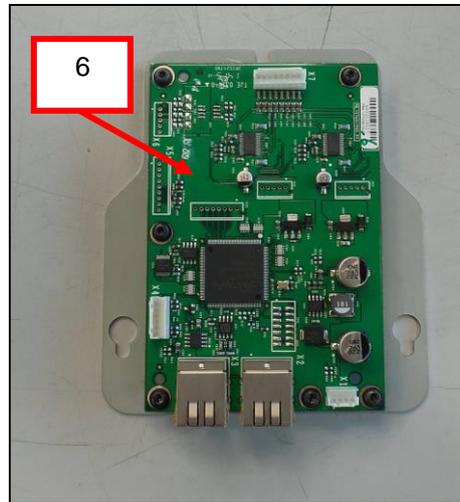


Remove the INTEGRATED RECEIVING TRAY (IRT) →



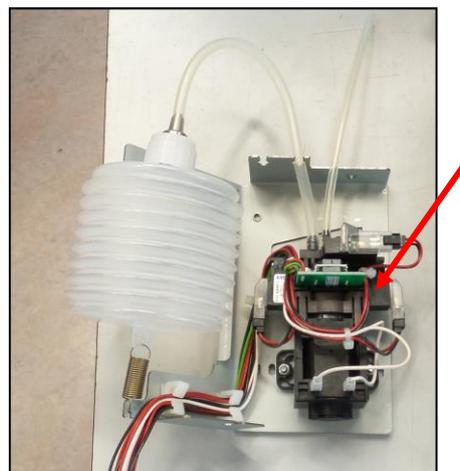
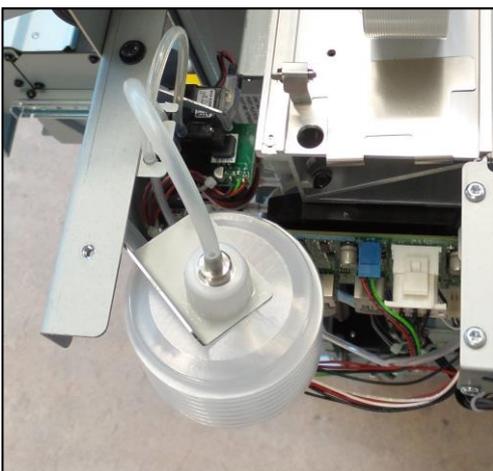
Remove the PBAP, HEIGHT ADJUST on the left side of frame upper →

- Item 6: PBAP, HEIGHT ADJUST



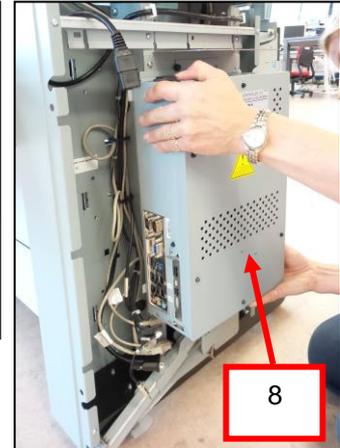
Remove the AIR PRESSURE SUPPLY on the right side of frame upper →

- Item 7: AIR PRESSURE SUPPLY



Remove the POWERM UNIT, SWITCHING UNIT and CONTROLLER →

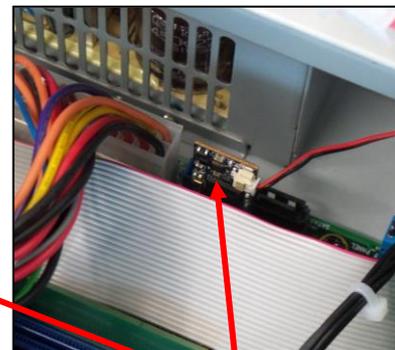
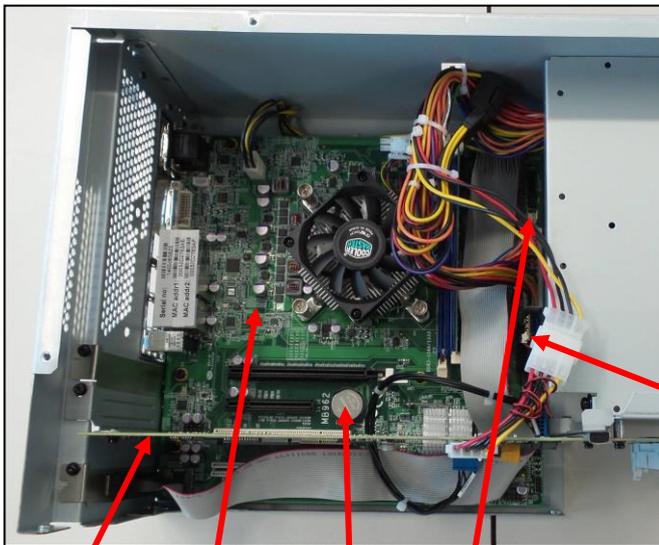
- Item 8: CONTROLLER CW500 or CW700



#### 4.4 PowerM Plus Unit

Open the lid of the unit and remove the following parts →

- Item 9: PBAP, PCI-IO
- Item 10: EMBEDDED CONTROLLER E11 (PROGRAMMED)
- Item 11: SUPPLY ATX 350 w 80+, NIP READY
- Item 12: SATA DOM, PROGRAMMED (SERVICE)
- Item 13: BATTERY



9

10

13

11

12

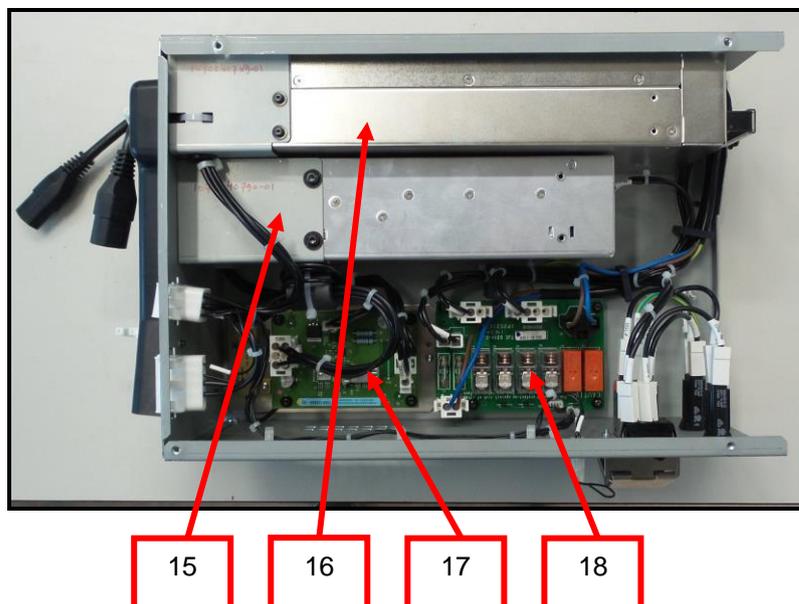
## 4.5 Switching Unit

- Item 14: ENTRY, MODULE FILTER 15A



Open the lid of the unit and remove the following parts →

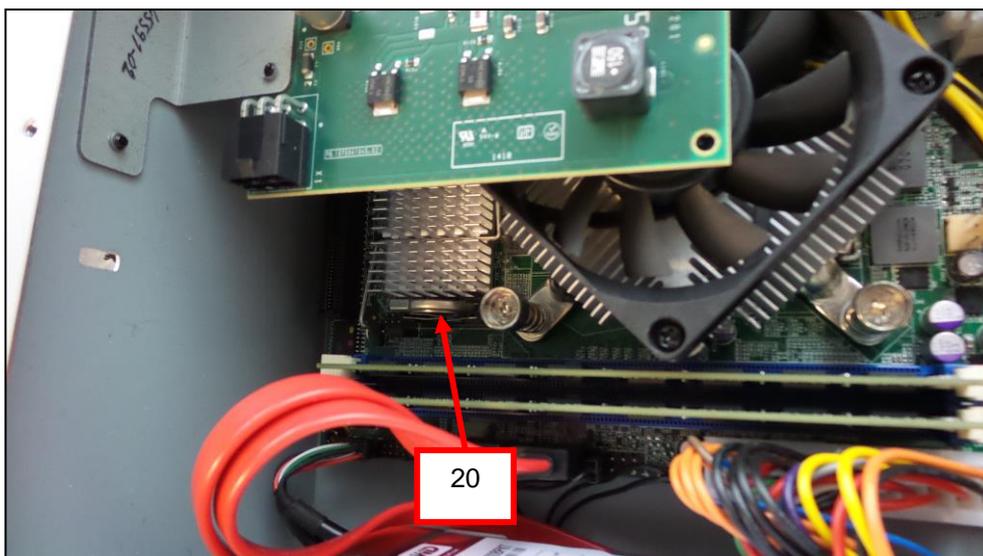
- Item 15: POWER SUPPLY 24V 600W
- Item 16: SUPPLY 48V 750W
- Item 17: PBA, SMART BLEEDER
- Item 18: PBA, AC SWITCH



#### 4.6 Controller CW500/CW700

Open the lid of the unit and remove the following parts →

- Item 19: 12V TO 24V CONVERTER ASSY
- Item 20: BATTERY



#### 4.7 Print Surface

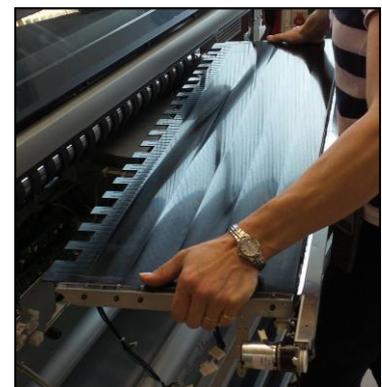
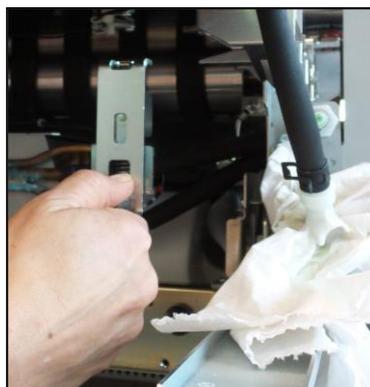
*Disconnect the hoses of the cooling liquid →*



*Remove the TRIPPLE FAN UNIT →*

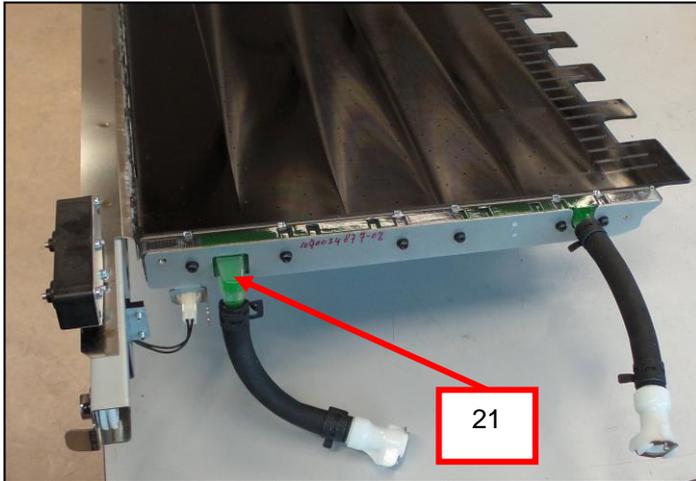


*Remove the CLAMP ASSY (2x) and the PRINT SURFACE →*

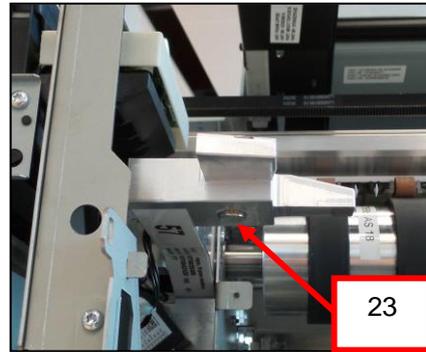
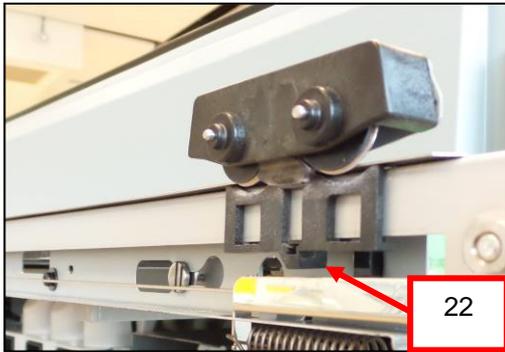


- Item 21: LIQUID, COOLING

**NOTE:** Dispose of waste according to local regulation; do not dispose in sewer.

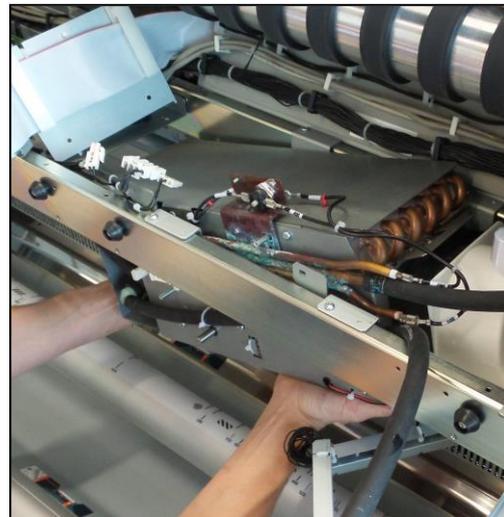


- Item 22: MAGNET (on KNIFE CARRIAGE of PRINT SURFACE ASSY)
- Item 23: MAGNET (on BRACKET MOTOR CPL of MEDIA POSITIONING)



#### 4.8 Heater, Cooler Box

*Remove the HEATER, COOLER BOX →*



- Item 24: PUMP
- Item 25: LIQUID, COOLING

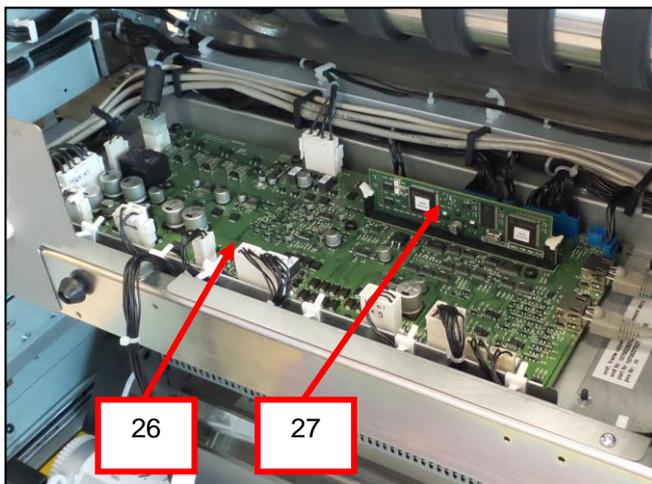
**NOTE:** Dispose of waste according to local regulation; do not dispose in sewer.



#### 4.9 PBA, Embedded Amplifier Assy and PBA, LNC

*Remove the PBA, EMBEDDED AMPLIFIER and PBA, LNC. These can be removed as one assembly →*

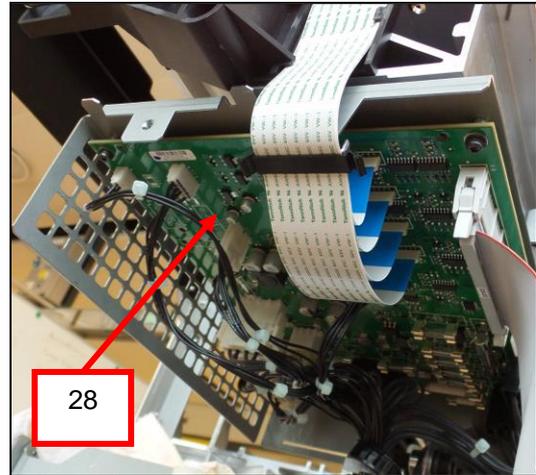
- Item 26: PBA, EMBEDDED AMPLIFIER
- Item 27: PBA, LNC



#### 4.10 PBA, Distribution CPL

Continue with removing PBA, DISTRIBUTION CPL →

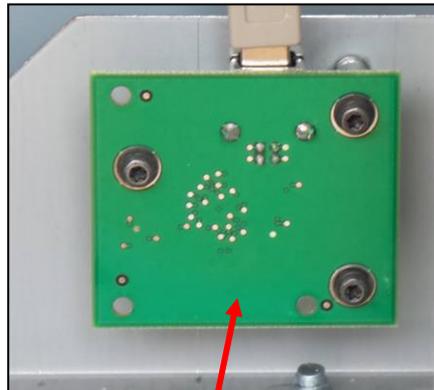
- Item 28: PBA, DISTRIBUTION



#### 4.11 PBAP, USB T RH Sensor

Continue with removing PBAP, USB T RH SENSOR →

- Item 29: PBAP, USB T RH SENSOR

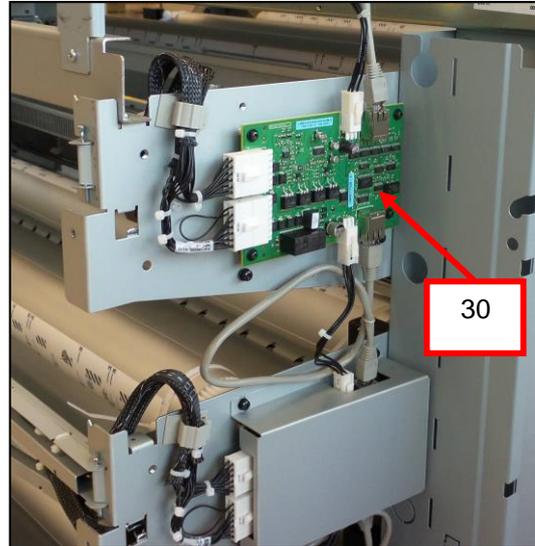


29

#### 4.12 PBAP, Tray

Continue with PBAP, TRAY (depends whether there is drawer 1x, 2x or 3x) →

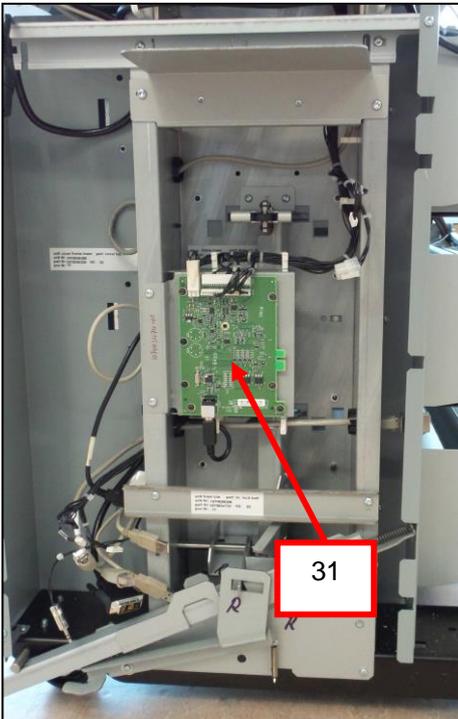
- Item 30: PBAP, TRAY



#### 4.13 PBAP, PSM

Remove the PBAP, PSM on the right side of the frame lower →

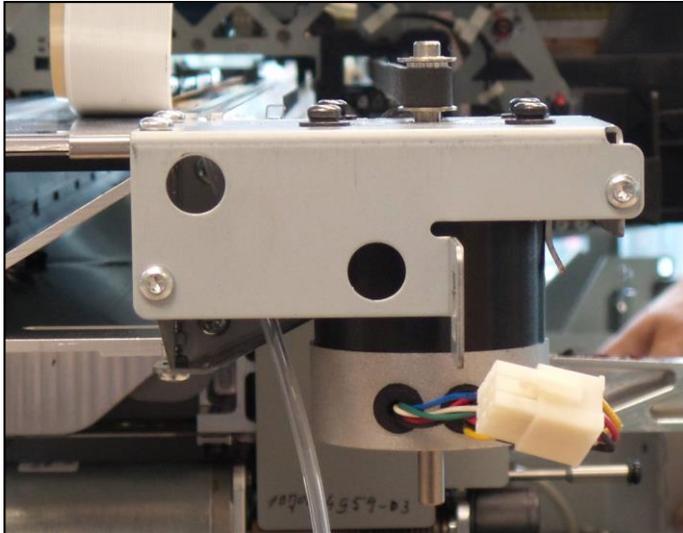
- Item 31: PBAP, PSM



#### 4.14 Motor Assy CPL

Continue with removing MOTOR ASSY CPL →

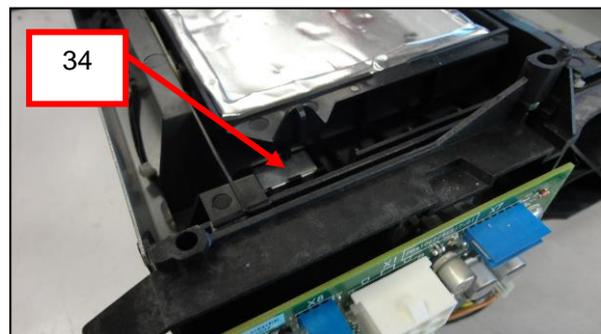
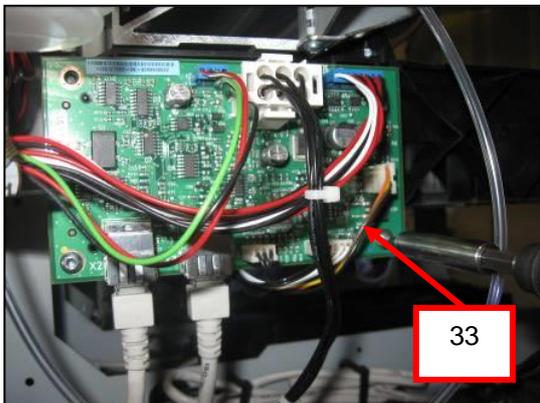
- Item 32: MOTOR ASSY CPL



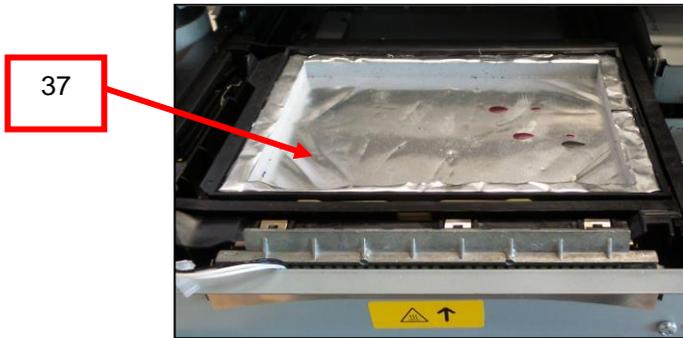
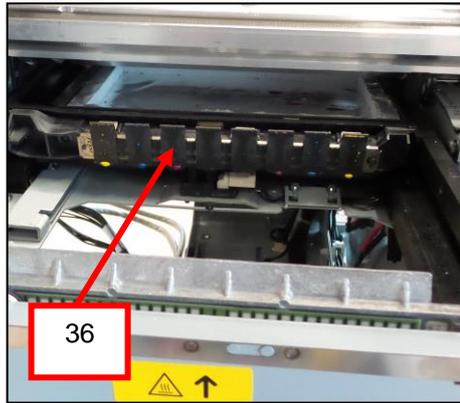
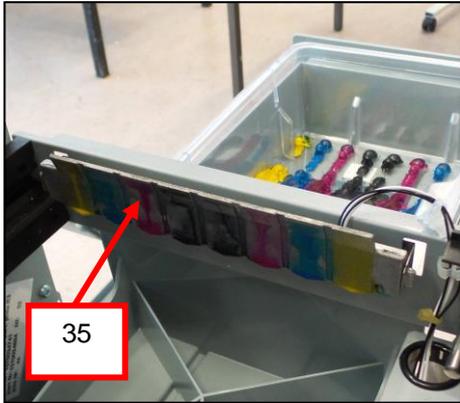
#### 4.15 Clean, Home and Maintenance

Continue with removing the CLEAN, HOME AND MAINTENANCE →

- Item 33: PBAP, CLEANING
- Item 34: MAGNET

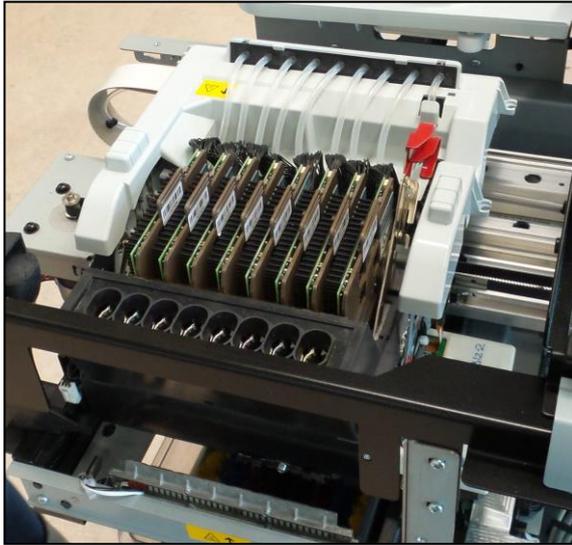


- Item 35: CLEANWALL
- Item 36: END, FFKM WIPER ASSY
- Item 37: INSULATION, BOTTOM

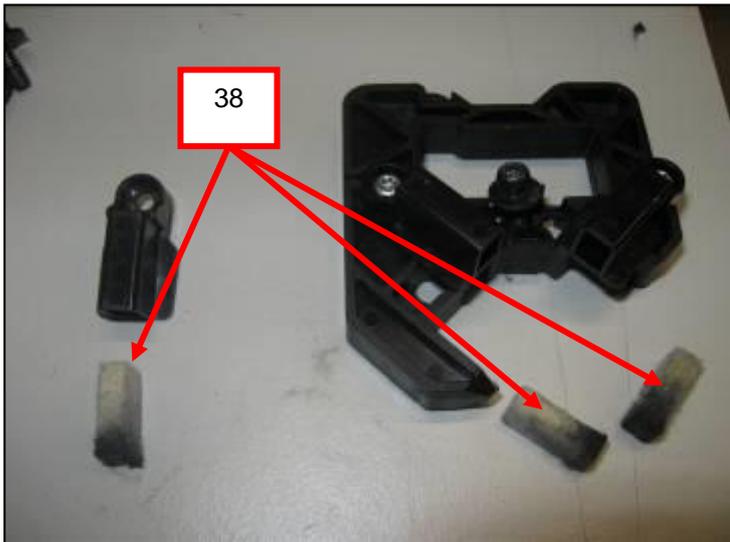


#### 4.16 Carriage

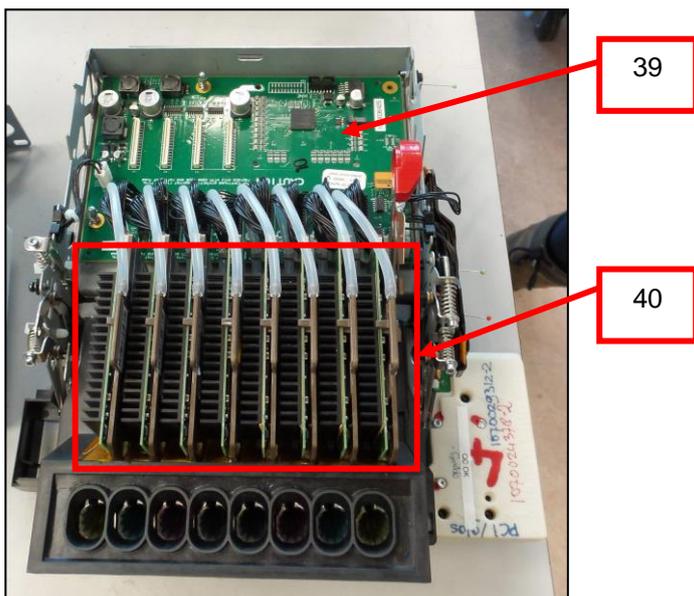
Continue with removing the CARRIAGE →



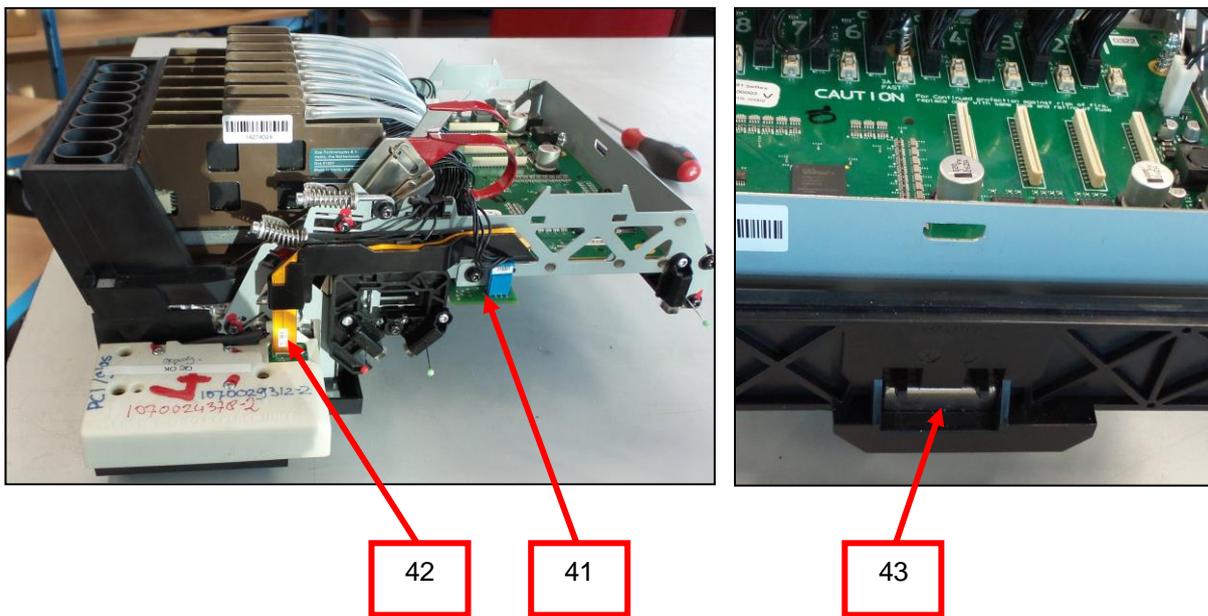
- Item 38: LUBRICATOR BEARING SURFACE, ASSY (SERVICE)



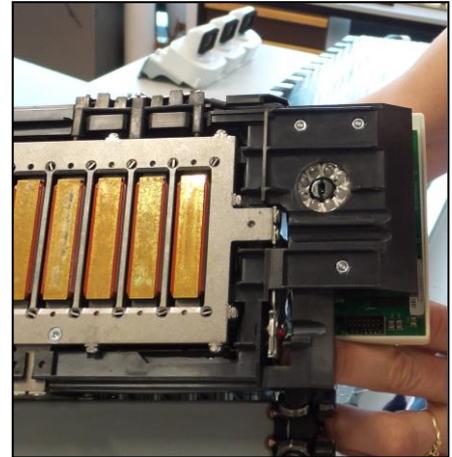
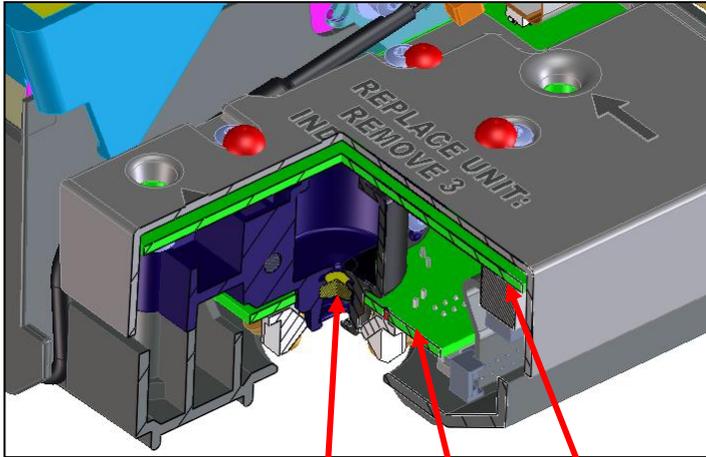
- Item 39: PBAP, CARRIAGE
- Item 40: END, PRINTHEAD TUNED AND TESTED (8x)



- Item 41: PBA, RULER ENCODER
- Item 42: PBA, MC INTERFACE FLEX
- Item 43: MAGNET

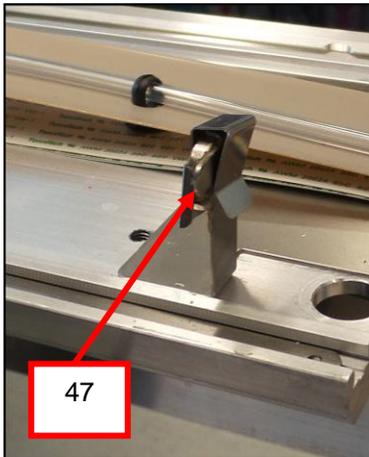


- Item 44: PBAP, MC CCD
- Item 45: PBA, MC LED
- Item 46: SENSOR, MEASUREMENT AND CONTROL



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- Item 47: MAGNET



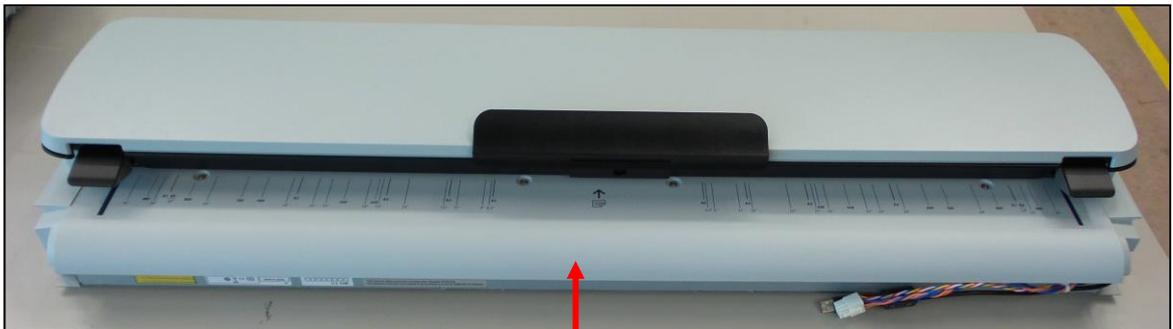
#### 4.17 Optionals

- Item 48: BLISTER with hotmelt



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- Item 49: SCANNER, GRAPHTEC ES350-01



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