

On Customer Site

Visit Report

Reference :

Commande BSTe France : CM2103037		Call / PM number : PM 249	
Customer :	Schur Flexibles Uni Roto	System :	iPQ Center
Customer Contact :	M. Thomas Tronchet	ASO / WA :	ASO053692 / WA20579
Customer Order number :		Machine Nickname :	Roto 10

Visit Purpose :

Mechanical Preparation	☐	Installation	☐	Start-up	☐
Maintenance	☒	Under Contract	☒	Out of Contract	☐
Troubleshoot	☐	Under Warranty	☐	Out of Warranty	☐
Instruction	☐ Yes				
	☒ No				

	18 / 10 / 2021	/ /	/ /	/ /	/ /	/ /
Travel To	0					
Start Time	9h30					
Lunch Time	0					
End Time	14h30					
Travel From	0					

Details	Nettoyage des systèmes et mise a jour.
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Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

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Maintenance Checklist for iPQ systems

Available supporting documents :

- iPQ-Center Setup Instruction
- iPQ-Center Maintenance routines
- WSC-Camera Maintenance routine
- LED illumination maintenance routine

Customer name and place : [Schur Flexibles Uni Roto – 24 Hameau de la Neuville – 62127 Averdoingt - France](#)

Contact person at customer / Title : [M. Thomas Tronchet \(Maintenance Manager\)](#)

Customer Mail & Mobile/Landline : thomas.tronchet@schurflexibles.com / +33 7 64 41 95 75

System Type : [iPQ Center](#)

WA/ASO : [WA20579/ASO053692](#)

Machine Manufacturer/Model/Nickname : [Valmet / / Roto 10](#)

Date : [18/10/2021](#)

Name : [Richard Relin](#)

Comments :

Signatures :



Richard Relin 2021-10-22T09:58:16+02:00

BST eltromat FSE

T. TRONCHET



Customer

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Prior to a Preventive Maintenance :

Check for system affecting modification reports and software releases.

Check for iPQ-Spectral sensor replace date.

Check with customer about problems and demands.

1. Replace filters of cabinets, check fan function.

OK/NOK/NA

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2. Visual check of system basic hardware condition :

OK/NOK/NA

- Check if all screws are in position and tightened.
- Check cables for damages and correct fit in cable trunks.
- Check if all connectors are tightened.

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3. Check image quality of screens with test pattern :

OK/NOK/NA

- Load test pattern from screen supplier on computer and display on all screens.
- Check for color quality, pixel defects, contrast, brightness.
- Recalibrate touch screen if necessary.

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4. Traverse and WSC-Camera according to separate instruction :

OK/NOK/NA

- Replace flash bulbs for main flash.
- Clean glasses in front of main flash.
- Change filters, check fan function.
- Clean lens from dust.
- Clean shadow reducing backplate.
- Check flash bulb in lacquer (Cold Seal) flash.
- Clean half mirrored glass in lacquer flash.
- Check ZIF function with buttons on WSC Control Board.
- Visual check and cleaning of traverse bars.

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5. Check power flash or homogeneous BackPlate :

OK/NOK/NA

- Check function of flash bulbs according to instruction. ☒ ☐ ☐
- Clean surface of white plate. ☒ ☐ ☐
- Visual check and cleaning of traverse bars. ☒ ☐ ☐

6. Alarm status indicator :

OK/NOK/NA

- Check function of light bulbs in green, yellow and red. ☒ ☐ ☐
- Check function of acoustic alarm. ☒ ☐ ☐

7. Verify the web way in front of line cameras and under measurement wheel :

OK/NOK/NA

- There must be no waves on the web. ☒ ☐ ☐
- The rollers must be smooth, not (max. slightly) spiraled. (iPQ-Check, sis,icm,bc). ☒ ☐ ☐
- The guide rollers must rotate with the web speed. ☐ ☒ ☐
- The measuring wheel must be mounted on a roller wrapped $\geq 90^\circ$ material. ☐ ☒ ☐
- The line camera must be mounted according to project drawing. ☒ ☐ ☐
- Web guiding unit in machine must be in operation. ☒ ☐ ☐

8. Line ship cameras and illumination LED function and image quality :

OK/NOK/NA

- Clean internal mirrors and camera lenses with mirror cleaner. ☒ ☐ ☐
- Clean LED front illumination and possible LED backlight with window cleaner. ☒ ☐ ☐
- Verify mechanical mounting of components, special the position of LED backlight to front illumination unit. ☒ ☐ ☐
- Check LEDs function by sunglasses or welding glasses. ☒ ☐ ☐
- Change filters and check fans on function. ☒ ☐ ☐
- Check / proceed the mechanical alignment. ☐ ☒ ☐
- Check / proceed a white alignment. ☐ ☒ ☐
- Check / proceed a shading. ☒ ☐ ☐

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9. Check measurement wheel :

OK/NOK/NA

- Mounted according to latest mechanical drawing.
- Pressure according to iPQ-Check maintenance manual. (10-15N)
- No dirt or damages on rubber surface.
- Smooth running.
- Running on the web.
- Not too far from line camera unit (≤ 1 meter).
- Rollers not or only slightly spiraled.

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10. Exchange the UPS battery according to iPQ-Check maintenance.

OK/NOK/NA

- Model : [Ellipse eco 1200](#) Date : [2019](#)

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11. Check for useful software update with release letter : (*)

OK/NOK/NA

- Update to latest released software version IF system is affected from bug fixes and/or new functions and features.
- Check if an update of communication Workflow components is also necessary.

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12. Check Spectral color measurement :

OK/NOK/NA

- Check sensor front, sensor flashes and reference tiles for dust and contamination.
- Proceed an alignment of sensor to backing by SUAT-tool.
- Proceed an alignment of a possible backing wheel by SUAT-tool.
- Check and clean backing from contamination.
- Check if sensor can reach its manual calibration and parking position.
- Check backing wheel functions : spin, air pressure, (parallel) position to web.

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13. Check function and performance of the system :

OK/NOK/NA

- Performance of 100% print defect detection.
- System performance at splice situations.
- System performance after "out of print" situations.

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|---|---|
| - System performance close to max. iPQ check system speed. | ☐ ☐ ☒ |
| - Check function/performance of additional software options like barcode, color Monitoring, Smartregister, etc. | ☐ ☐ ☒ |
| - Check remote service function with BST eltromat RS. (**) | ☒ ☐ ☐ |
| - Teamviewer Version check and upgrade (v12) : | ☒ ☐ ☐ |
| - Check availability of system in customer network for snapshot gallery, pdf-upload And WorkFlow applications. | ☐ ☐ ☒ |

14. Give an instruction and production guiding for system operators.

OK/NOK/NA

- | | |
|---|---|
| - Explain new functions from software upgrade | ☒ ☐ ☐ |
| - Proceed a practice training at machine about all basic functions. | ☐ ☒ ☐ |
| - Explain special functions more detailed on operators request. | ☐ ☒ ☐ |
| - Guide the production and watch how operators work with the system to give hints for a better operation. | ☒ ☐ ☐ |

15. Backup for customer :

OK/NOK/NA

- | | |
|--|---|
| - <i>Preconditions : above points are checked and okay</i> | ☒ ☐ ☐ |
| - Backup HardDisk or Image-PC exist from current Base Image -PC. | ☒ ☐ ☐ |
| - If NOK on previous point, make a new Image-PC or Backup HDD. | ☒ ☐ ☐ |
| - Write date and WA/ASO number on Backup HardDisk or Image-PC file name and give a copy to the customer. | ☐ ☒ ☐ |

OK/NOK/NA

16. Make a backup for our own service purpose and put this on our server. (*)**

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Technical datas

Computer name : [20579iPQ-Center1-1](#) Computer description : [iPQ-Center, WA20579](#)
Total Physical Memory : [32 GB](#)
Free Space in C Drive (System) : [52 GB](#) Free Space in D Drive (Data) : [96 GB](#)
Free Space in E Drive (Log) : [41.8 GB](#) Free Space in F Drive (Protocol) : [1.80 TB](#)
OS : [Windows 10 Enterprise LTSC](#)

Screen Resolution 1 : [1920X1080](#) Screen Resolution 2 : [1920X1080](#)

Camera Type : [Dalsa-P4-40Khz / Qty : 2](#)
Computer Model / Image : [beg-BKA-BSTE01](#)

(*) Global Version : Current : [2.13.4](#) New : [2.17.2](#)
TCU.x : Current : [1.9.1](#) New : [1.12](#)
WSX_3xx/WSC_4xx : Current : [1.7](#) New : [1.9.4](#)
PPS.3 : Current : [2.2](#) New : [2.2](#)
ILI-CTRL : Current : [1.4.3](#) New : [1.4.3](#)

(**) **Remote Maintenance (Teamviewer)**

IP address :
Subnet mask :
Default gateway :
Preferred DNS server :
Alternate DNS server :

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Remote Access (Snapshot gallery, pdf upload, WF applications)

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

Teamviewer ID : 1 169 554 447 / v12

		OK/NOK/NA
(***)	- Dcf and pdfx folder	☐ ☒ ☐
	- Windows Credentials	☐ ☒ ☐
	- iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py	☒ ☐ ☐
	- MmxlpmMap file in mmx folder for Check systems (Overlapping)	☐ ☒ ☐
	- Screenshot from Application settings	☒ ☐ ☐
	- Screenshot from visconfig.py (Mmx + Srb + Image)	☒ ☐ ☐

On Customer Site

Parts replaced during Preventive Maintenance :

1 – 8 Bulbs Flash

2 -

Parts suggested to replace during the next Maintenance :

1 – Front illumination 3 -

2 – 8 Bulbs Flash 4 -

Part need to be replaced as soon as possible :

1 - 4 -

2 - 5 -

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Notes
