

Instruction manual ■■■

SmartDate X30



Printer overview



Start/Stop the printer



Selecting a job



Printer Menus



Printhead maintenance



Consumables



Troubleshooting -
Information



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a **DOVER** company

Printer overview

■ Printer Components

1



2



1 Printer

2 Ribbon Cassette

■ User Interface

1



2

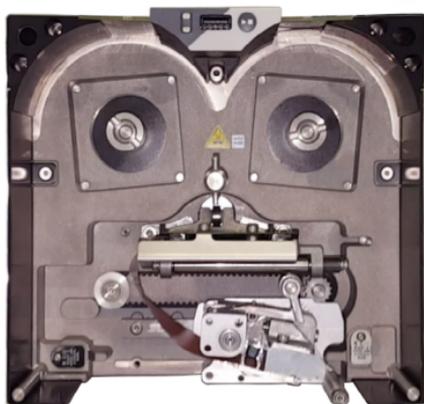


1 Hand-Held Terminal (HHT)

2 Remote User Interface (RUI)



■ Printer Type



SmartDate X30 Continuous

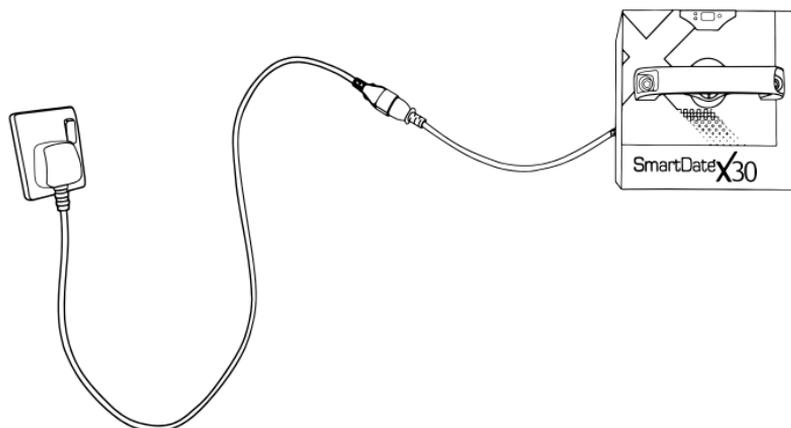


SmartDate X30 Intermittent

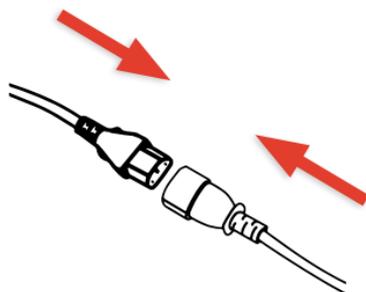


Power connection

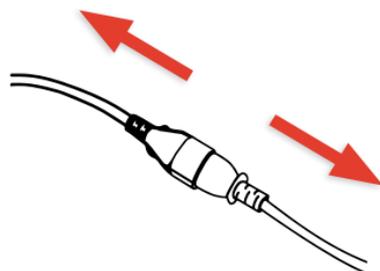
■ Connecting the Power

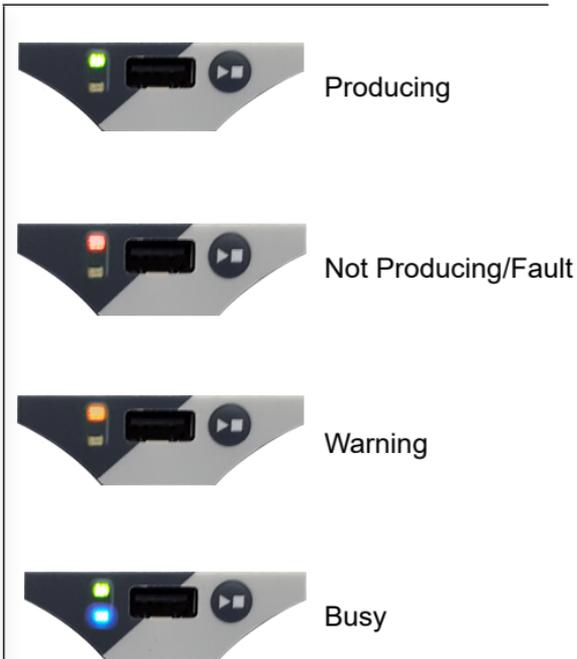


Power On

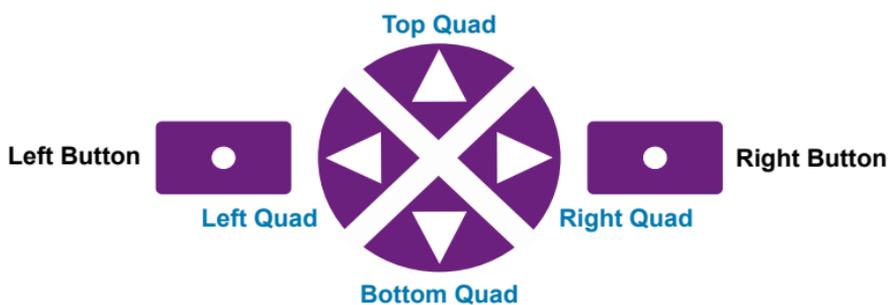
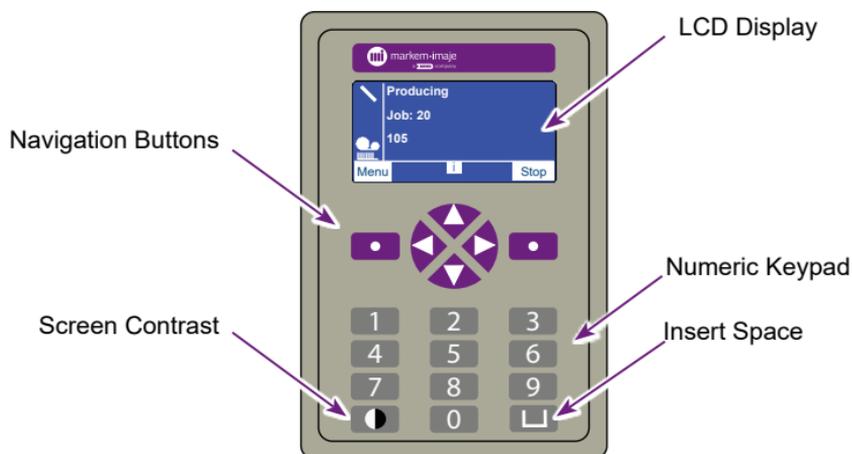


Power Off

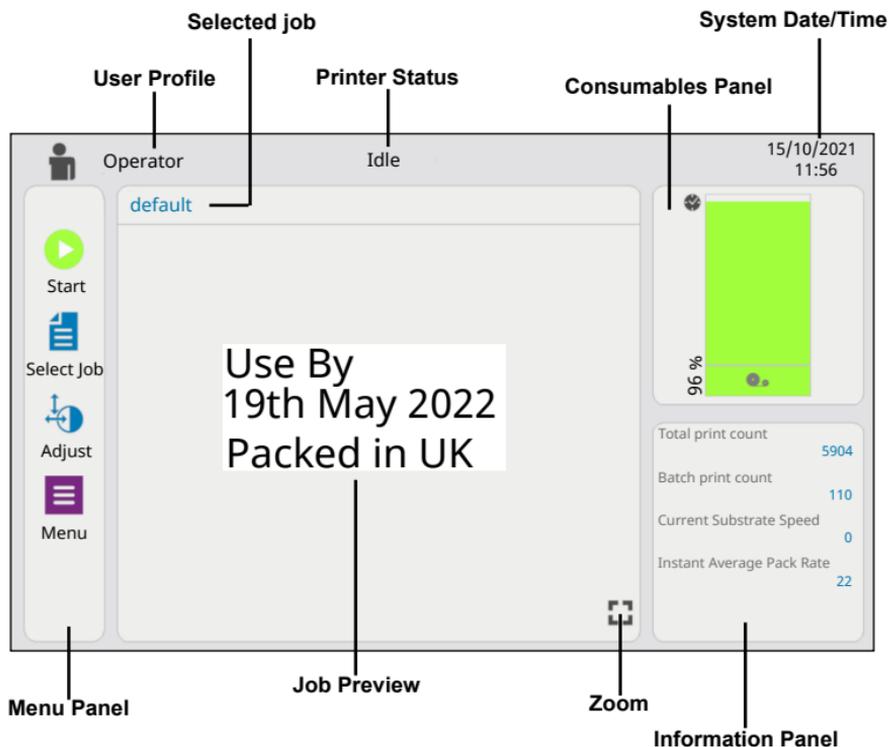




Hand-held terminal (HHT)

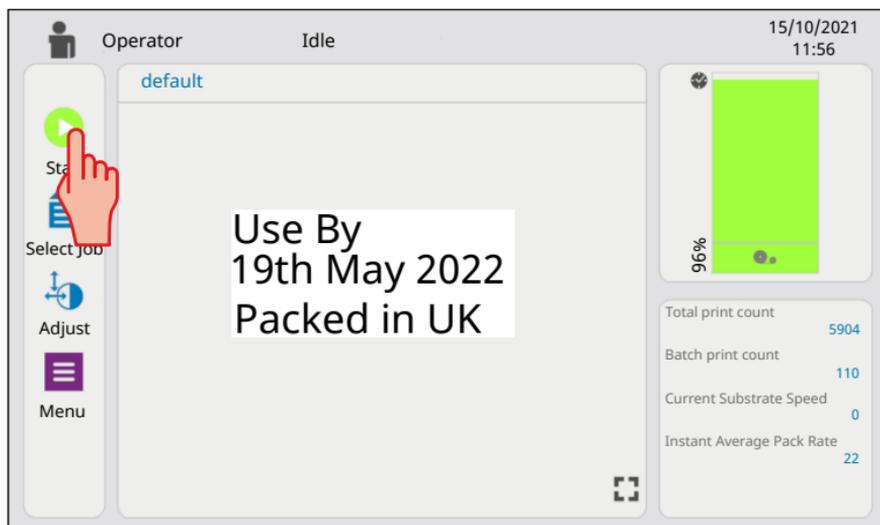
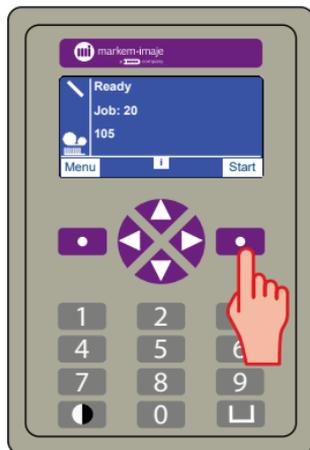


Remote user interface (RUI)

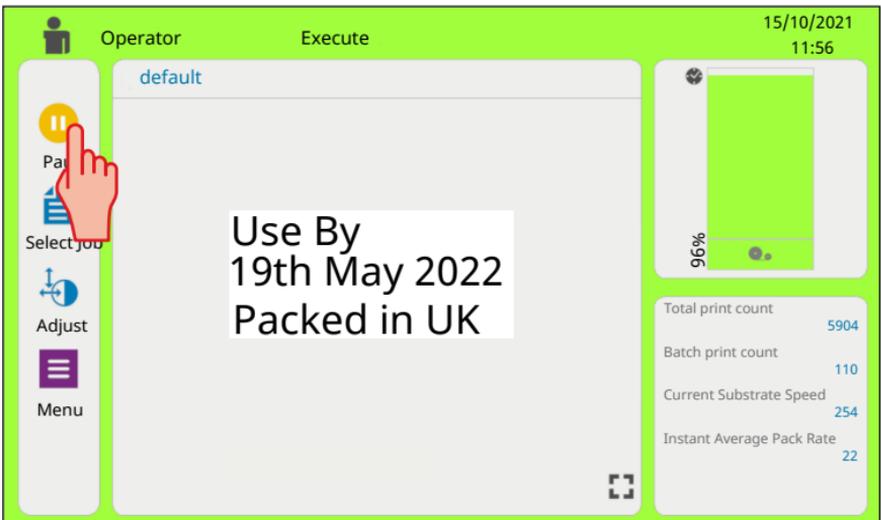


Printer Start/Stop

Starting the Printer



■ Stopping the Printer



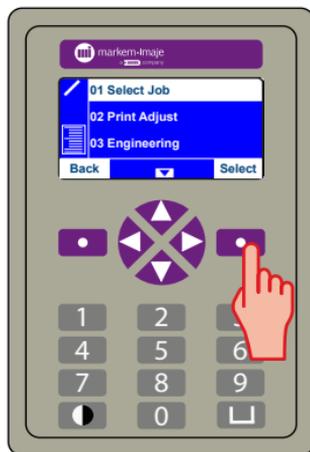
Selecting a job (HHT)

■ Using the Smartdate X30 Database

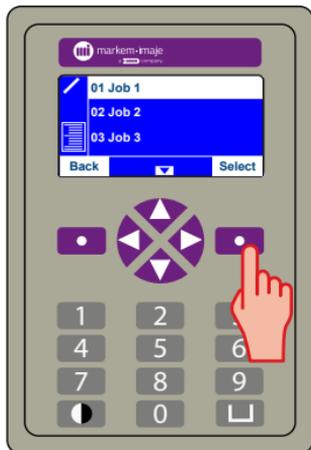
1



2



3

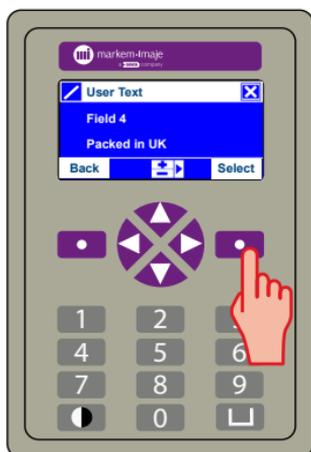


4



Selecting a job (HHT)

5



6



■ Using a USB Memory Stick Database

Note: The SmartDate X30 must be configured to use the USB memory stick database.

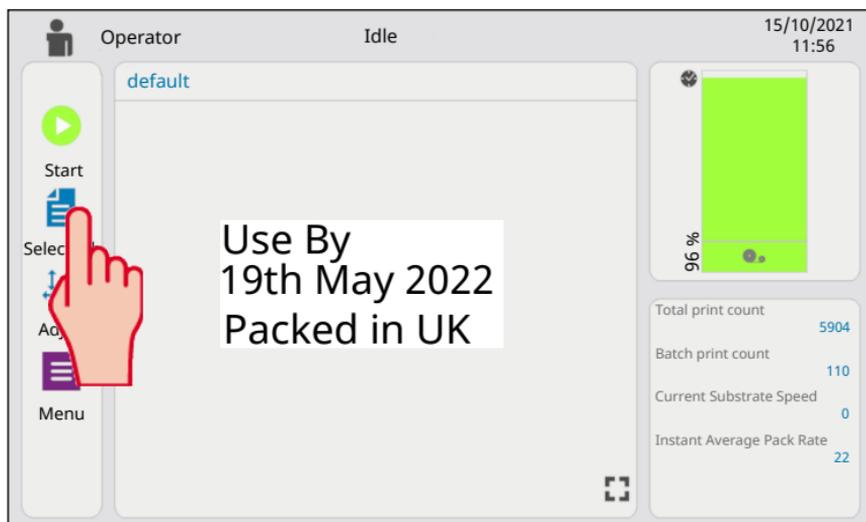


Insert the USB memory stick into the hand-held terminal and select a job following the same procedure as above.



Selecting a job (RUI)

1

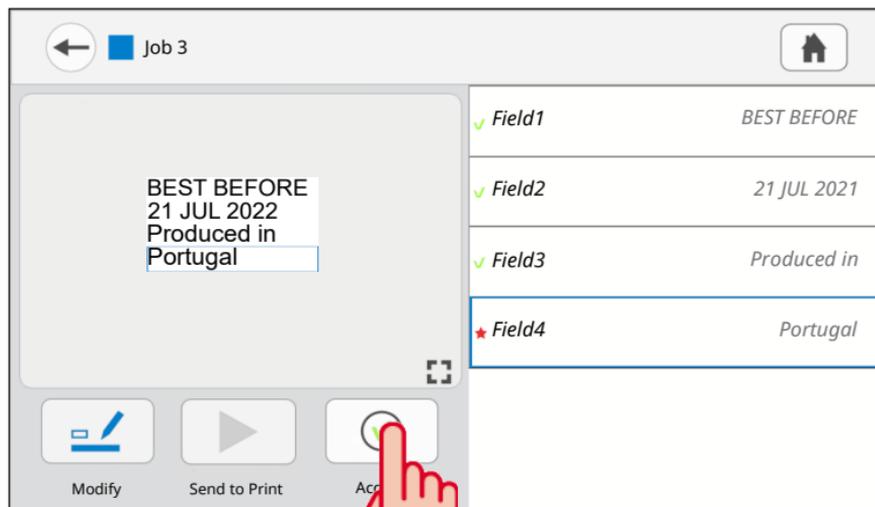


The screenshot shows the RUI interface with the following elements:

- Operator: Idle
- Date/Time: 15/10/2021 11:56
- Job Name: default
- Left sidebar menu: Start, Select, Adjust, Menu
- Central display: Use By 19th May 2022, Packed in UK
- Right sidebar: 96% progress bar, Total print count (5904), Batch print count (110), Current Substrate Speed (0), Instant Average Pack Rate (22)

A hand icon points to the 'Select' option in the sidebar menu.

2



The screenshot shows the RUI interface for Job 3 with the following elements:

- Job Name: Job 3
- Home button
- Central display: BEST BEFORE 21 JUL 2022, Produced in Portugal
- Right sidebar table:

| | |
|----------|-------------|
| ✓ Field1 | BEST BEFORE |
| ✓ Field2 | 21 JUL 2021 |
| ✓ Field3 | Produced in |
| ★ Field4 | Portugal |

At the bottom, there are three buttons: Modify, Send to Print, and Accept. A hand icon points to the 'Accept' button.



Selecting a job (RUI)

3

Job 3

BEST BEFORE
21 JUL 2022
Produced in
Portugal

| | |
|----------|-------------|
| ✓ Field1 | BEST BEFORE |
| ✓ Field2 | 21 JUL 2022 |
| ✓ Field3 | Produced in |
| ✓ Field4 | Portugal |

Modify Send Accept

4

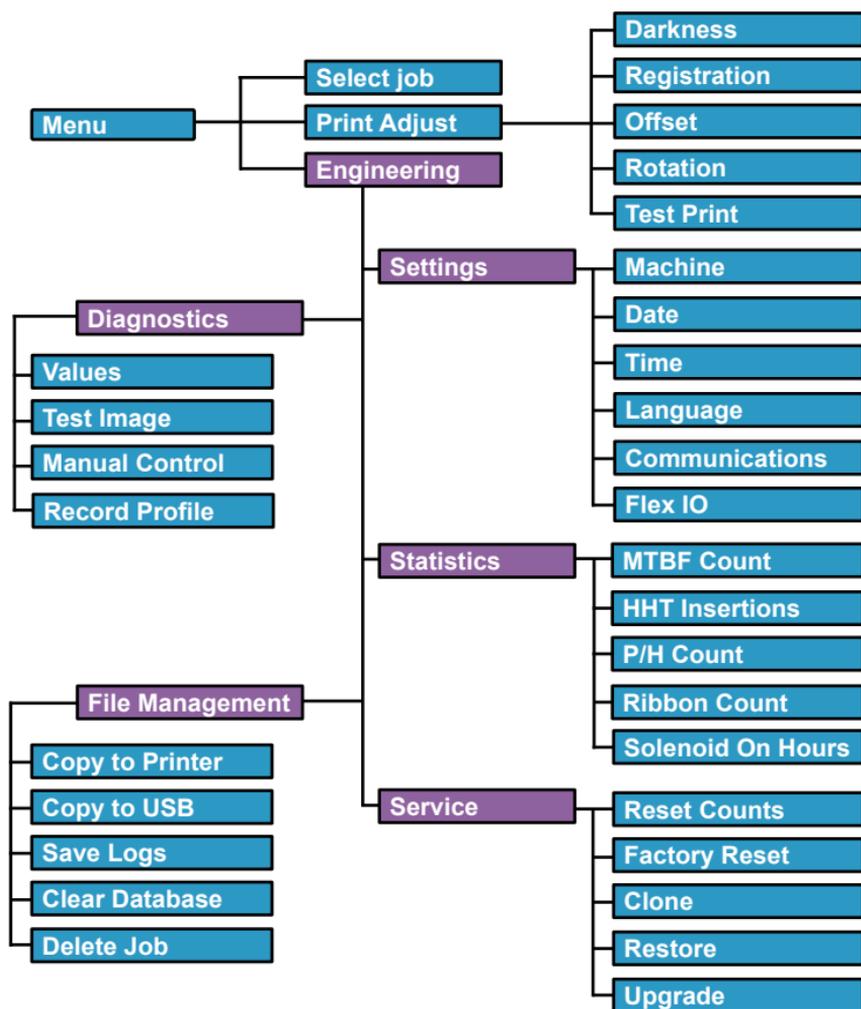
Information

Job selection in progress...

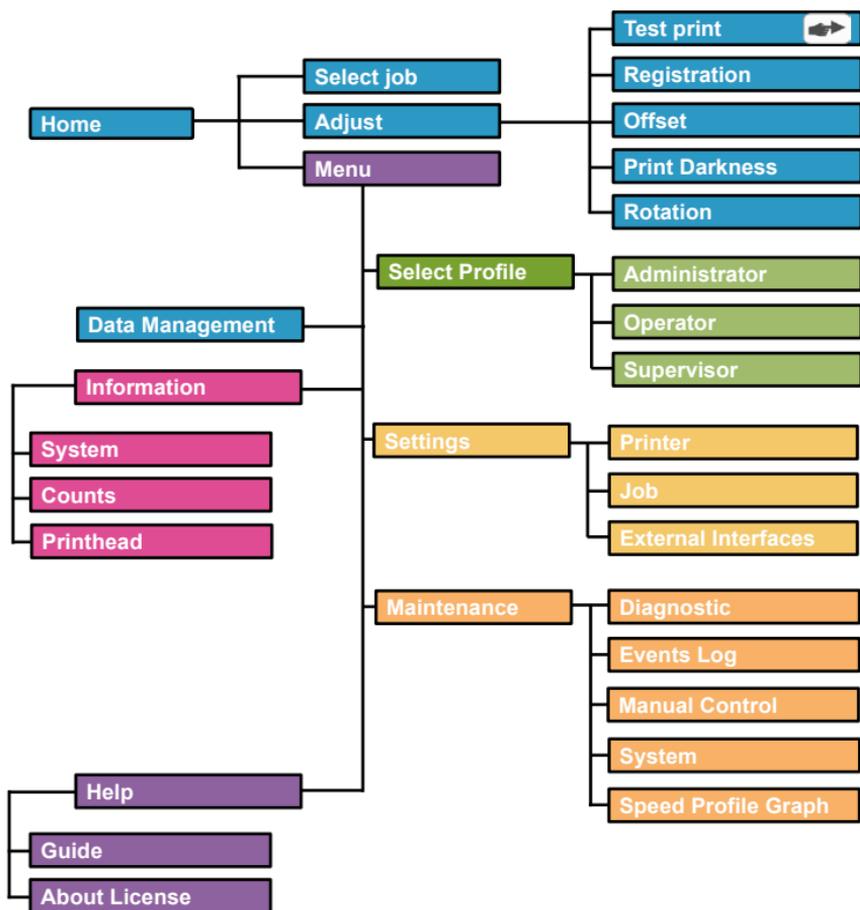
Progress bar: 10 segments, 6th segment filled.



Printer Menu (HHT)



Printer Menu (RUI)



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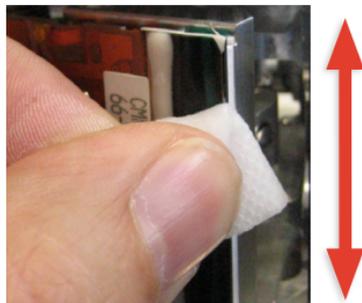
Cleaning the Printhead



Clean the printhead regularly using Markem-Imaje printhead wipes.

1 Remove the cassette and allow the printhead to cool to normal room temperature.

2 Use a Markem-Imaje printhead cleaning wipe to remove any residue from the printhead as shown.



Do not use abrasive materials or Menu such as screwdrivers or knives to clean the printhead.



Changing the ribbon

1

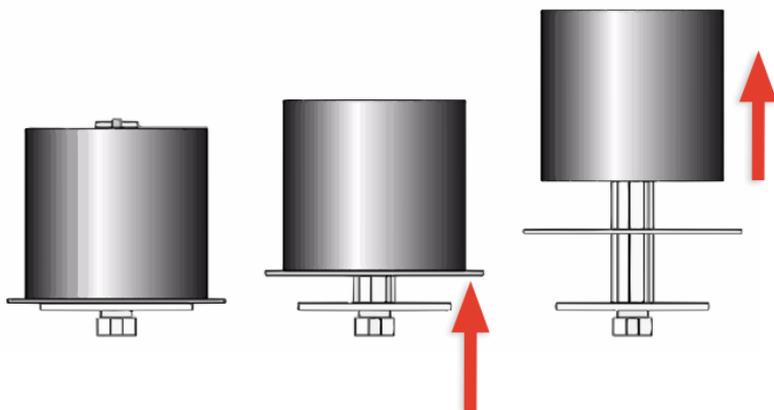
Opening the cassette



Do not use force or Menu if the latch does not turn.

2

Remove the used ribbon.



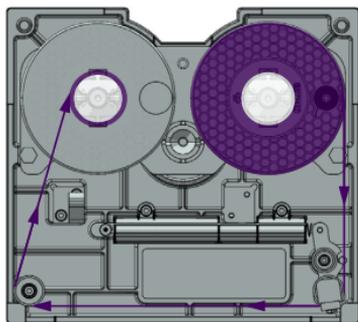
Changing the ribbon



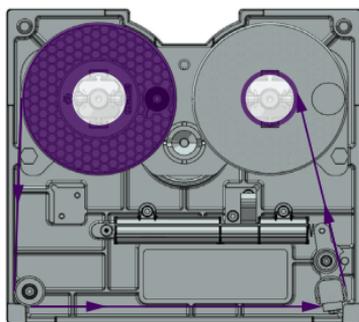
Markem-Imaje ribbon only



Ribbon Path



Left Hand Cassette



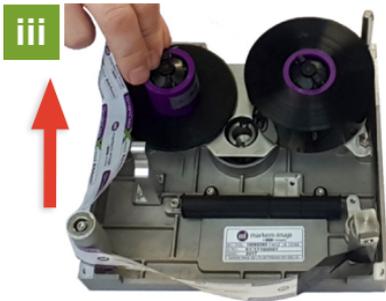
Right Hand Cassette



Changing the ribbon

3

Loading the new ribbon (LH cassette shown)

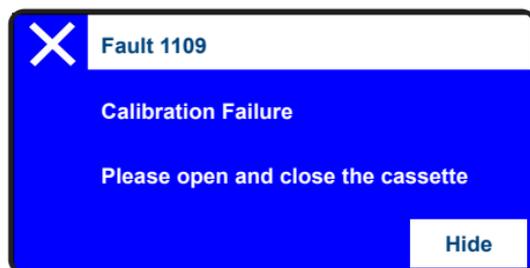


Faults and Warnings

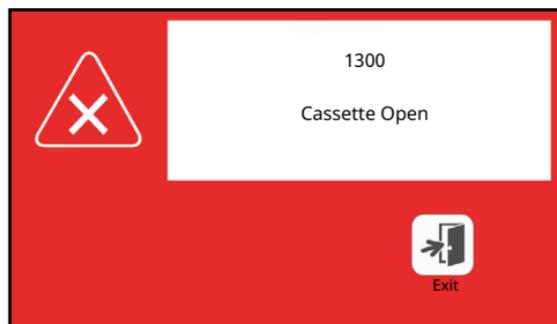
■ Faults

A fault will stop the printer. The fault causing the condition must be fixed before printing can continue.

HHT



RUI



■ Warnings

A warning will not stop the printer, but will highlight information or a condition that may require attention.

HHT



RUI



Faults and Warnings

■ Common Faults and Warnings

LOW RIBBON

The ribbon will soon run out, prepare a new ribbon.

CASSETTE OPEN

The cassette latch is open, close it.

CALIBRATION FAILED

The ribbon has broken during calibration, reload the ribbon and try again.

RIBBON BREAK DETECTED

The ribbon has broken during printing reload the ribbon.





S/N: Serial number: _____

Ribbon type: _____



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