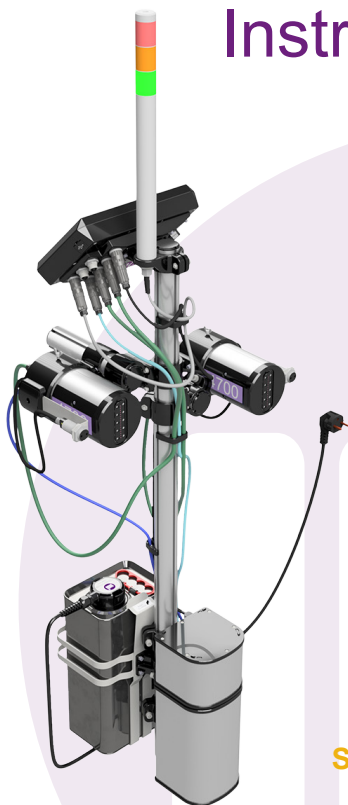


Instruction manual

4700



The health and safety instructions, translations of the Declaration of Conformity, are set out in the document supplied with your printer, as well as in PDF format on your DVD.

**Printer
and Interface overview**

**Starting up /
Shutting down the Printer**

Printing the current jobs

Editing and Previewing jobs

Printer maintenance

Ink canister replacement

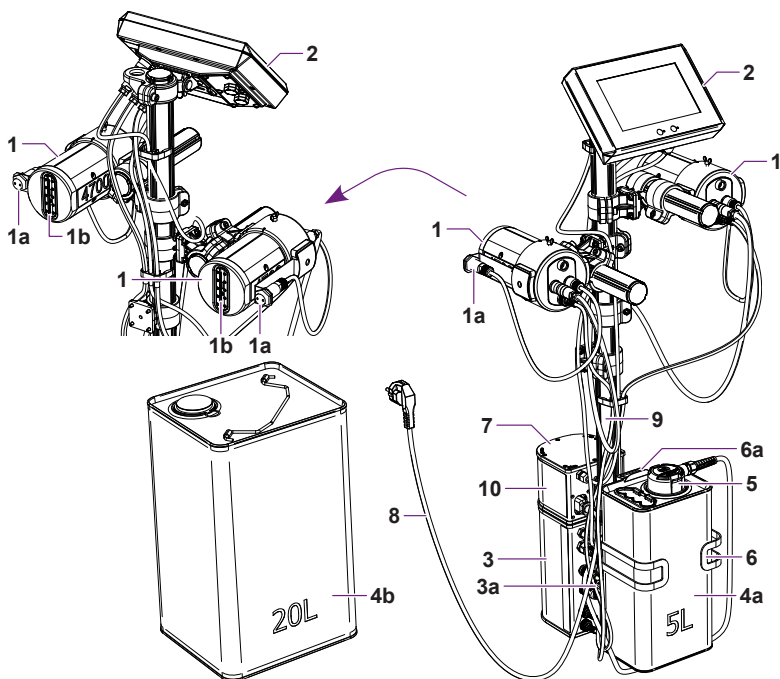
**Troubleshooting
Information**



markem·image

a **DOVER** company

Printer overview



1. Printheads with photocells **1a** and nozzle plate **1b**

2. Control Unit (display: 7"/177.8mm diagonal)

3. Ink system with ink filter **3a**

4. Ink canister (**4a**: 5 litres, **4b**: 20 litres)

5. Pick-up unit

6. Case with latch **6a** for a 5-liter ink canister

7. Enclosed power supply

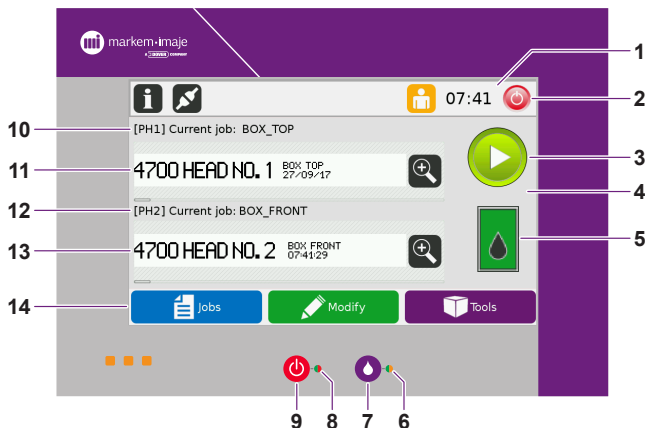
8. Disconnectable power cable

9. Support beam with holders

10. Manufacturer's plate



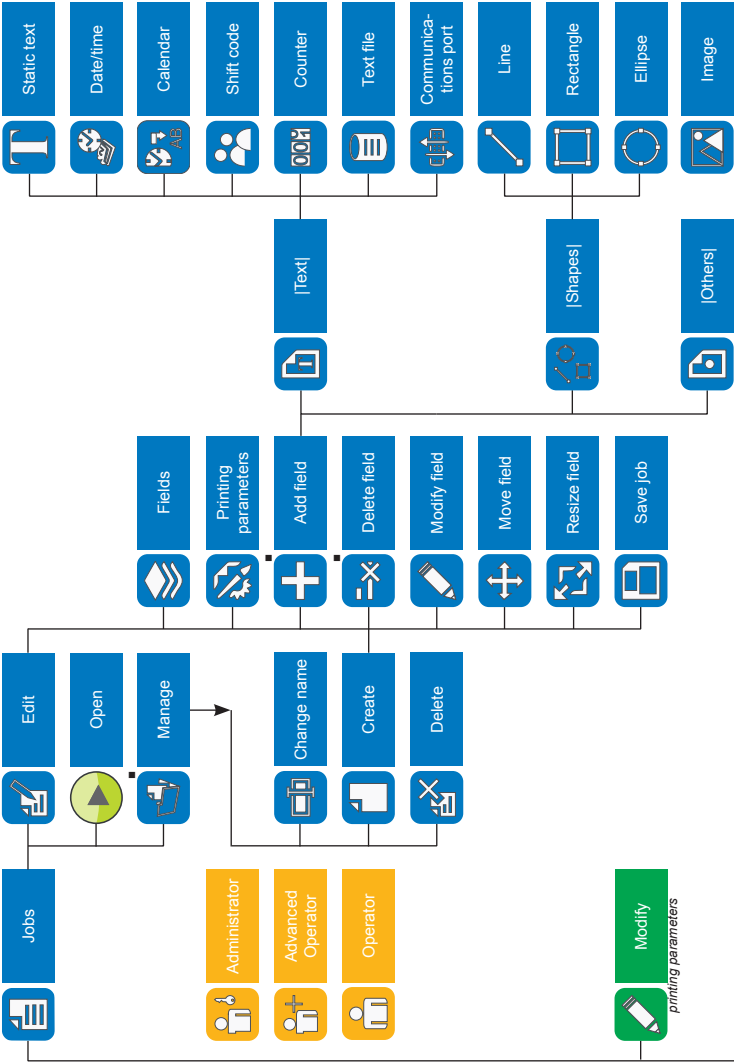
This manual applies to the **4700** printer with two printheads, either of them printing a separate job. The user interface is similar for the **4700** printer with one printhead or with two printheads printing one job.

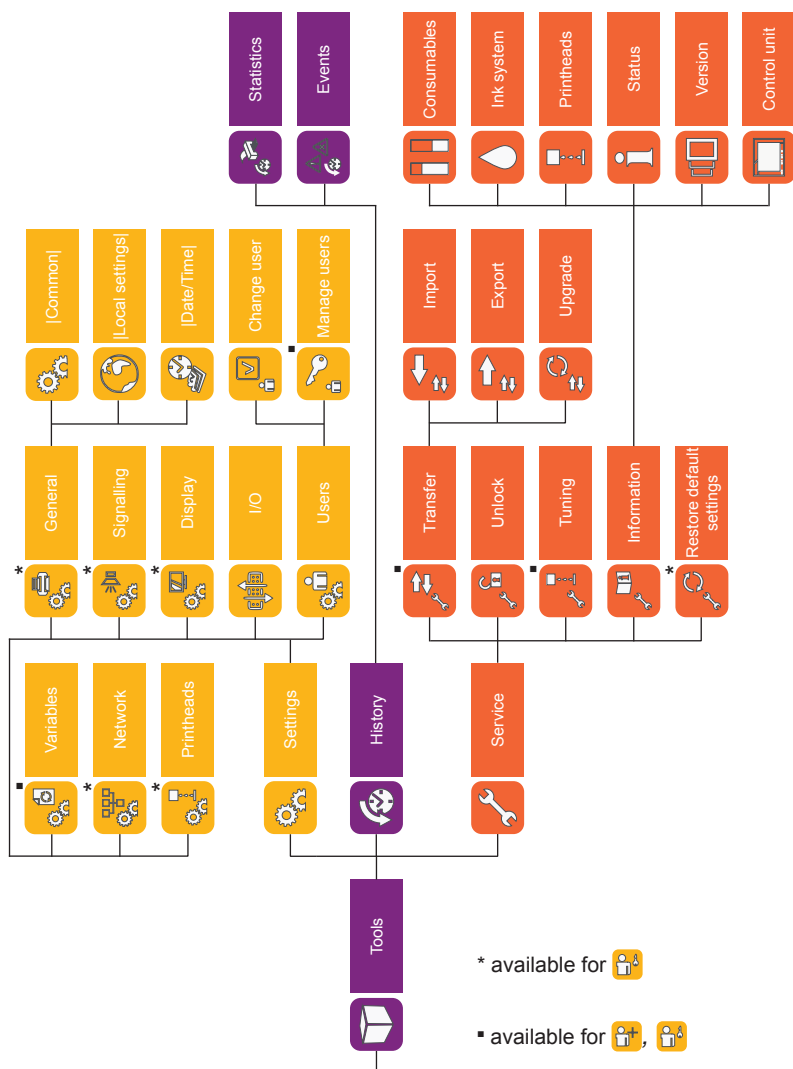


1. Printer information bar, coloured background
2. Shut down icon
3. Start/pause printing icon
4. Printing status, coloured background
5. Ink level indicator
6. Printing status LED
7. Start/pause printing button
8. Printer status LED
9. Start up/shut down button
10. Name of the job currently selected for head number 1
11. Preview of the job currently selected for head number 1
12. Name of the job currently selected for head number 2
13. Preview of the job currently selected for head number 2
14. Menu bar



Menu map





Starting up the printer

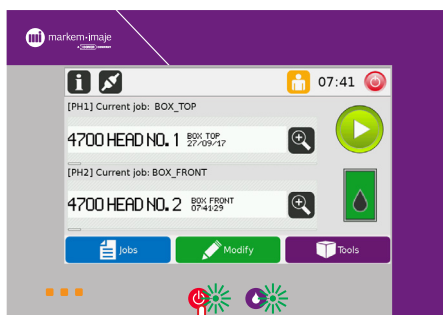
- 1 
- 2 
- 3 
- 4 
- 5 

The jobs BOX_TOP and BOX_FRONT are ready for printing.



Shutting down the printer

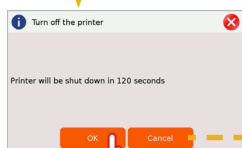
1



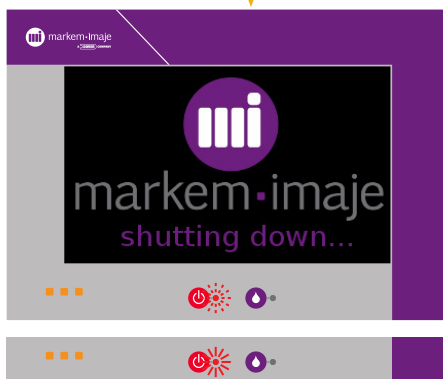
1s Press to shut down the printer in regular mode.

4s To shut down the printer in emergency mode, press and hold for 4 seconds.

2



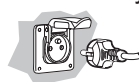
3



4

5

if necessary



7



Printing the current jobs

1

The jobs BOX_TOP and BOX_FRONT are ready for printing.

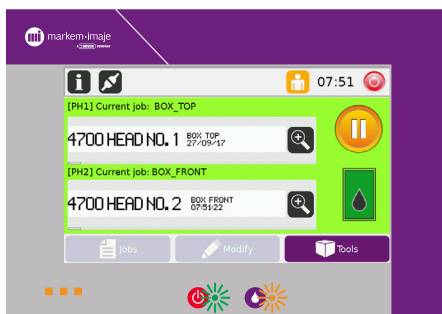


2

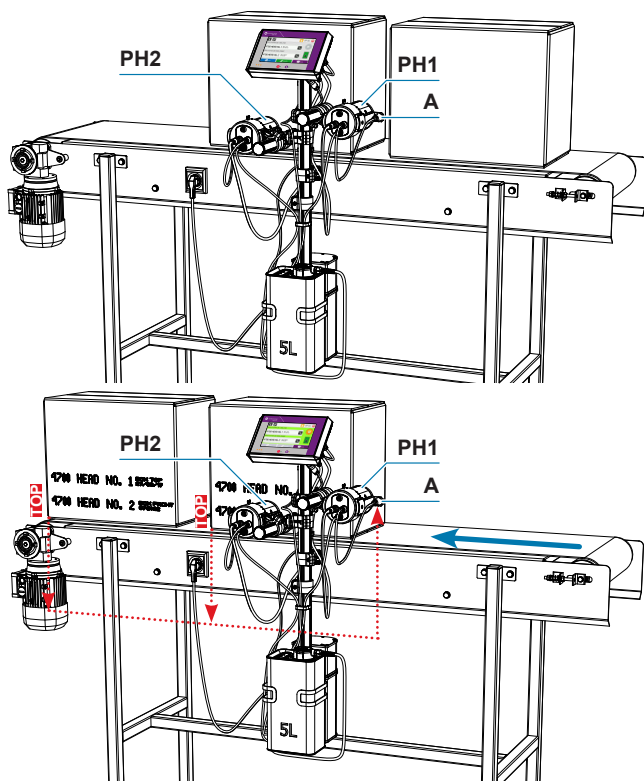
Update any variable fields, if used in the jobs, or enter values for the fields with the attribute "edit before printing".

3

Printing the jobs BOX_TOP and BOX_FRONT.



Printing the current jobs



A: active photocell

* fixed speed printing (with no encoder)



Pause



Start



Selecting a job to print

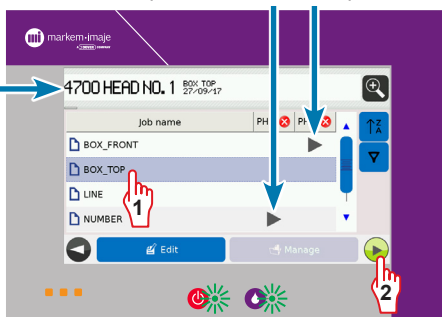
- 1 Press  (Jobs).



Jobs selected to print with both of the printheads

- 2 Select a job to print (1).

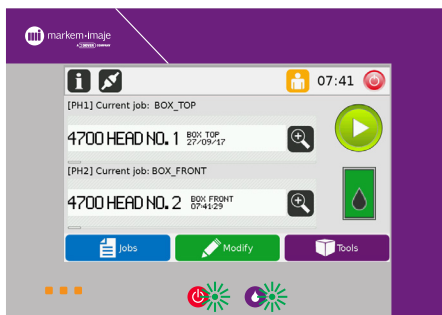
Job preview



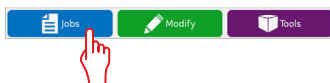
Press  (2).

- 3 Select the printhead to print a job with (on screen: head number 1, PH1)

- 4 The jobs BOX_TOP for head number 1 and BOX_FRONT for head number 2 are ready for printing.

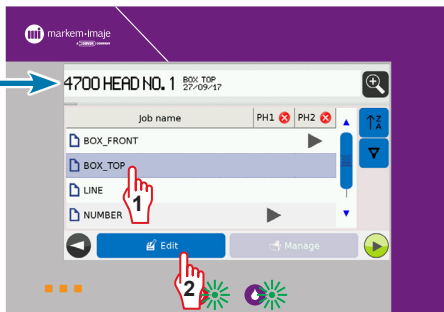


1 Press  (Jobs).



2 Select a job to edit (1).

Job preview

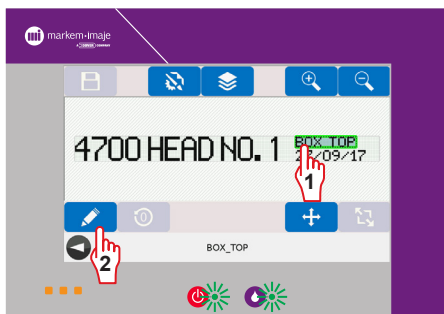


Press  (2).

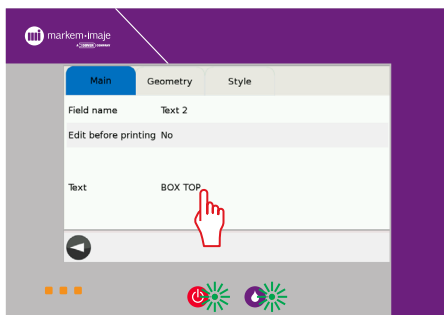
3 Select a field to edit (1).

Editable fields are highlighted in blue.

Press  (2).

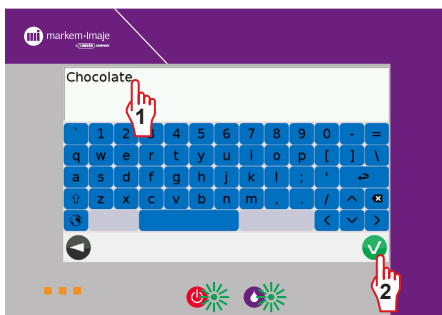


4 Editing field parameters.



Editing a job

- 5 Edit the field (1).

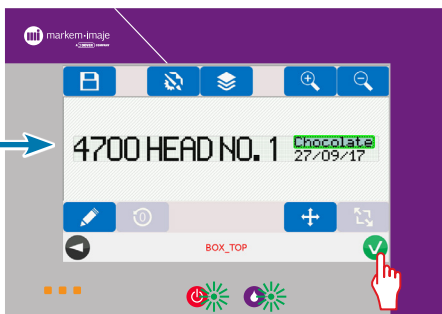


Press  (2).

- 6 Window similar to that at step 4 but a field is being edited.
Press  to accept the change.

7

Edited job
preview



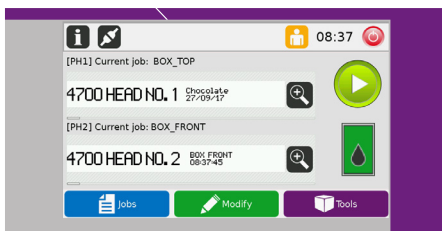
Save the job .

- 8 Window similar to that at step 2. Press .

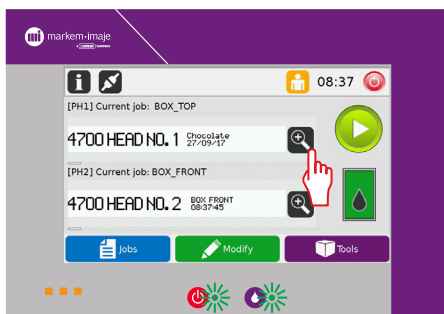
- 9 Select a printhead (on screen: head number 1, **PH1**).

10

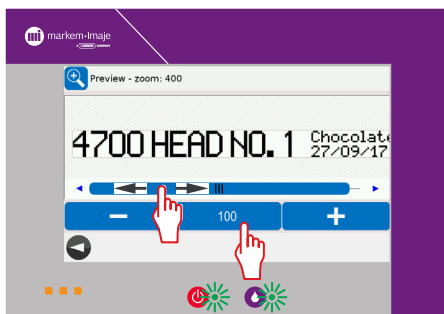
Main screen with
edited job.



- 1 Previews of jobs for both heads, enlarged to 200%.

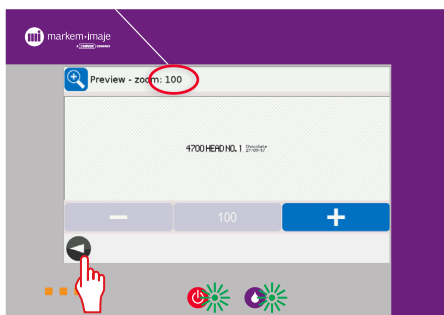


- 2 The image can be enlarged to occupy the entire height of the preview window.



- 3 Shown at actual size (100%).

Press  to return to the main screen.



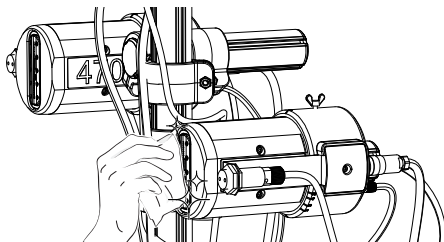
Printer maintenance

Cleaning nozzle plate

- 1 Shut down the printer.



- 2 



- 3 Start up the printer.

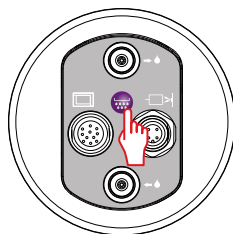


Purging/venting selected printhead

- 1 Put absorbent material or a waste container under the nozzle outlet for the selected printhead. Make sure the cleaner/ink dripping from the nozzle plate during purging does not contaminate the printer environment.

- 2 Hold the  (Purge) button on the backplate of the selected printhead.

 The purge time is limited in such a way that the sum of all purging cycles performed within one minute must not exceed 30 seconds.



Use only Markem-Image consumables designated for use with the **4700**.



Ink canister replacement

Warning



**solid
orange**

low ink level (<10%); printing continues;
prepare a new canister of ink



**blinking
orange**

no ink in canister; printing continues with
the ink contained in an ink system buffer;
canister replacement is recommended

Fault



**blinking
red**

the ink canister and the ink system buffer
are empty; no printing is possible; canister
replacement is necessary



Replace the canister when the blinking orange icon is
displayed (indicating that the ink canister is empty).

