

Instruction manual



9410

9450

9450 S

Printer and interface overview



Starting / shutting down the printer



Sending a job for printing



Modifying a job



Information on consumables
Replacing the consumables



Head cleaning



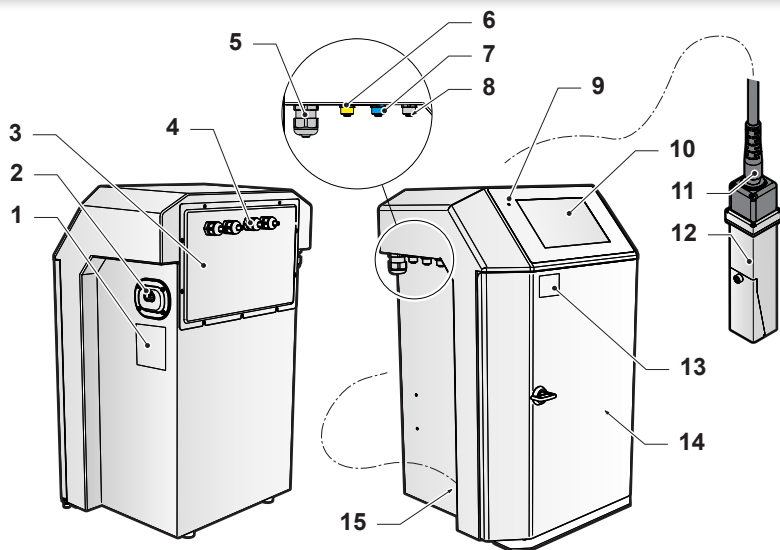
Troubleshooting -
Information



markem·imaje

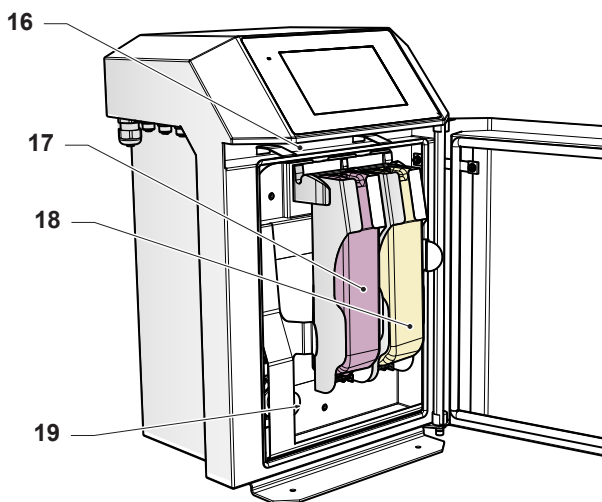
a **DOVER** company

Printer overview



- | | |
|----|--|
| 1 | Manufacturer's plate |
| 2 | Power supply inlet |
| 3 | Access to the electrical compartment |
| 4 | Cable glands: other connections (Serial/Parallel Link) |
| 5 | Cable glands: Ethernet |
| 6 | Connection interface: Warning (yellow) |
| 7 | Connection interface: Encoder (blue) |
| 8 | Connection interface: Detection cell (black) |
| 9 | Power-On LED |
| 10 | Operator interface |
| 11 | Umbilical |
| 12 | Print head |
| 13 | Identification label (serial no.) |
| 14 | Hydraulics compartment |
| 15 | Plant air connector |





16 Air filter (model IP56)

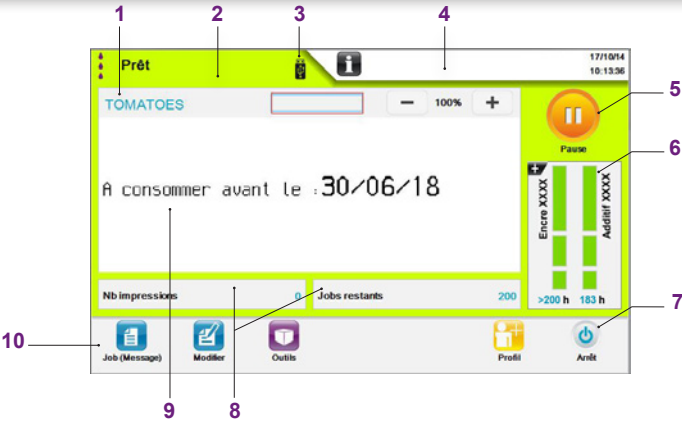
17 Ink cartridge

18 Additive cartridge

19 Pressure pump



Interface overview



1	Name of the job being printed	6	Time remaining indicator
2	Colored background. Printing status	7	Start/Stop printer
3	External equipment connection indicator	8	Production information
4	Colored bar. Printer information	9	Preview of the job being printed
5	Start/Pause printing	10	Icon bar

	Printer reports		Consult operating information
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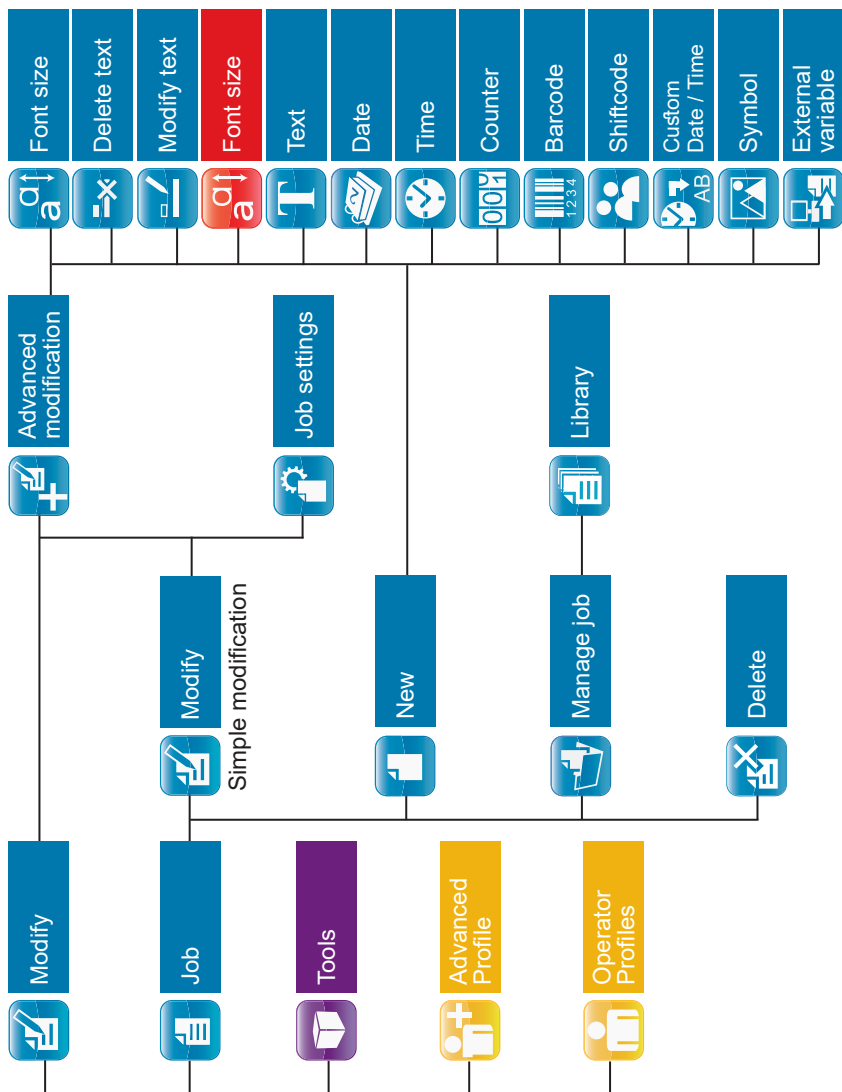
	Navigation window	16/10/14 10:03:46	Current date and time
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	Increase or decrease display size		Consult additional information about the consumables
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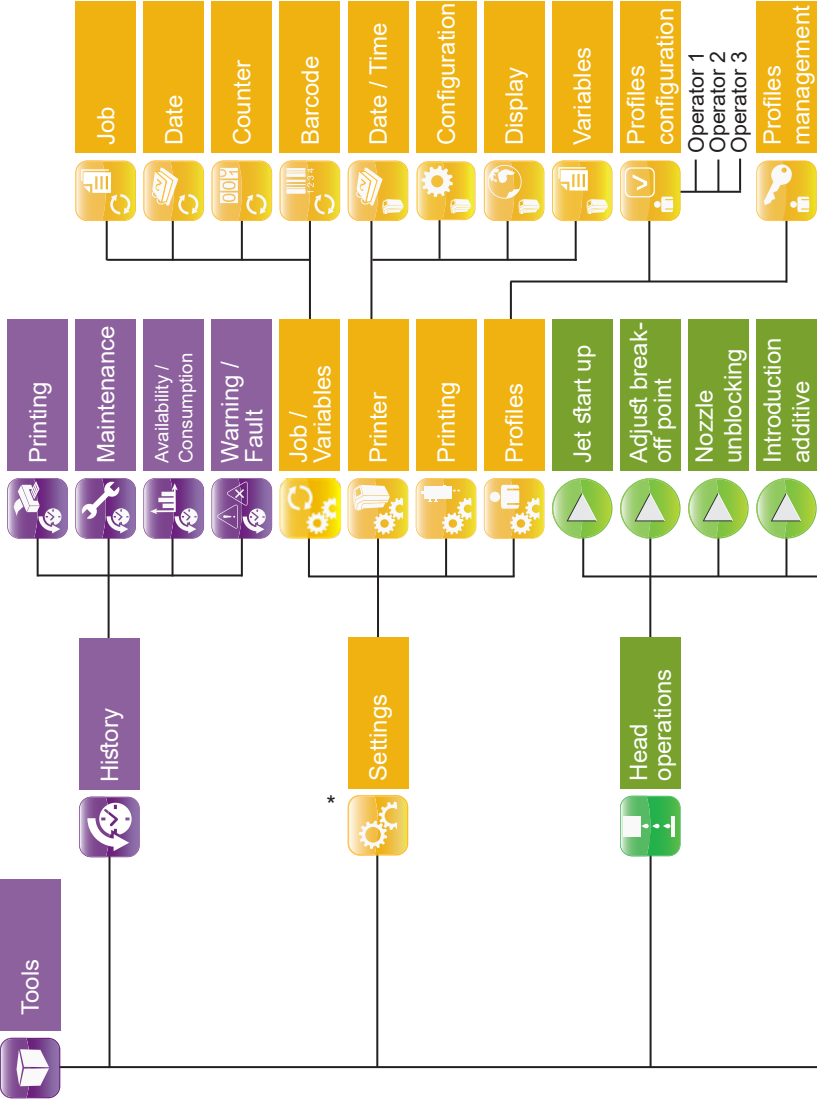
Connection indicators:			
	Printer connected to the network		'Parent' printer
	USB key connected		Camera reports (9450 option)



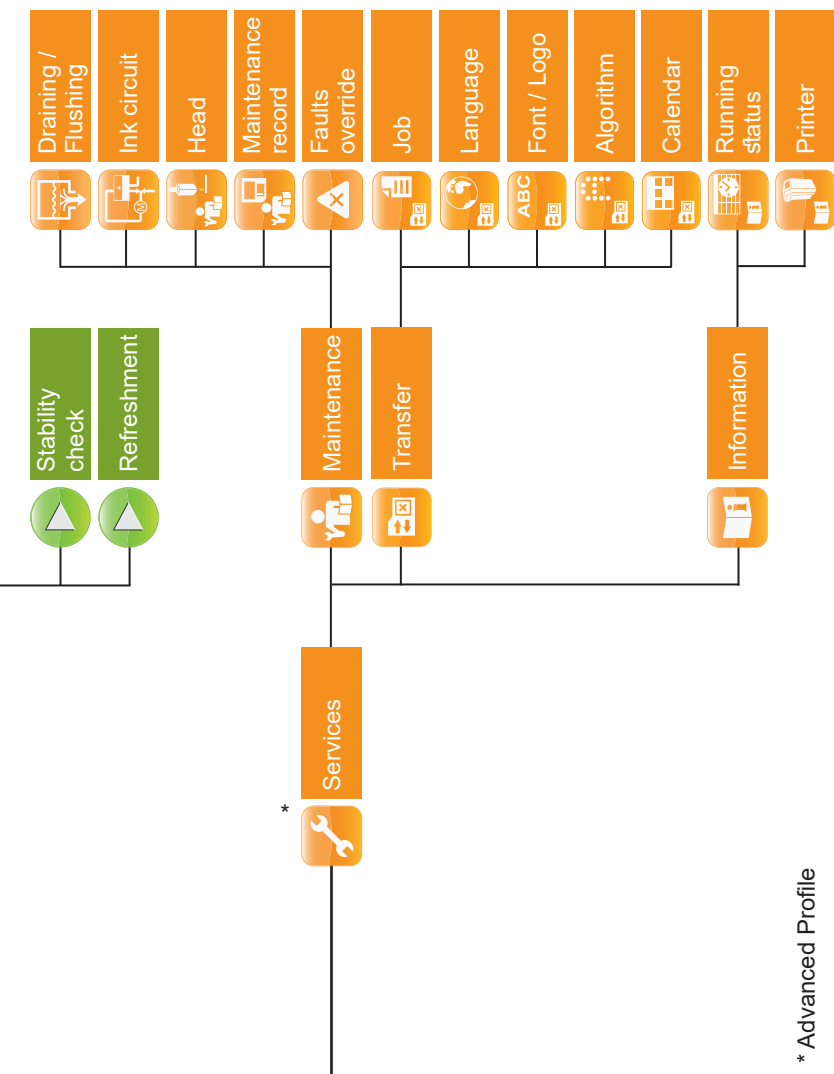
Presentation of the menus



Presentation of the menus



Presentation of the menus

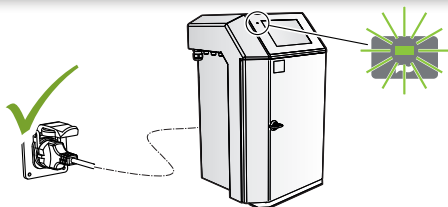


* Advanced Profile



Starting up the printer

1



2



Printer stopped



3



Confirm printer start instruction.

Start-up in progress



Jet start-up in progress



Ready



Ready to print the 'Tomatoes' job displayed.



Shutting down the printer

1



2

Confirm printer stop instruction.

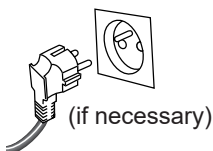
Jet stopped



Stopping



Printer stopped

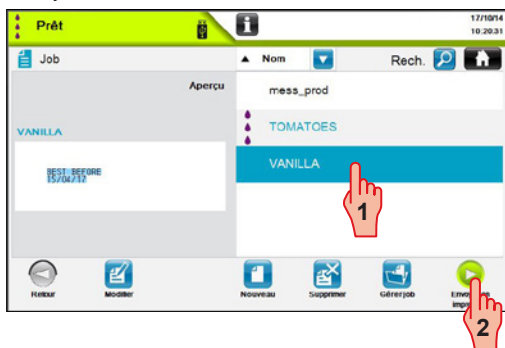


Sending a job for printing

1



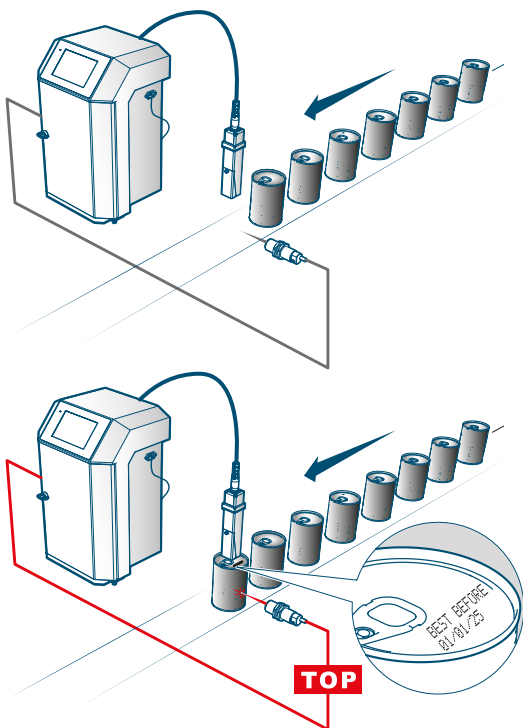
Ready



Ready



Sending a job for printing



Suspend printing:



Printing paused



Resume printing:



Confirm resume printing instruction

Printing

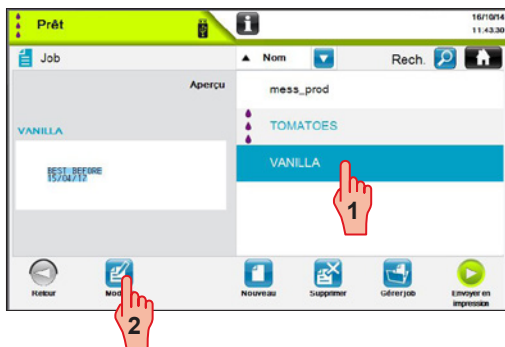


Modifying a job

1



2



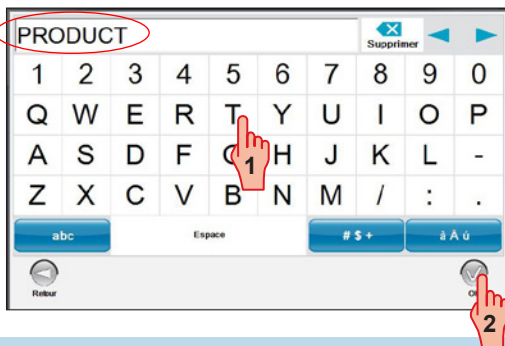
3

Modifiable fields



4

Text modified →



Modifying a job

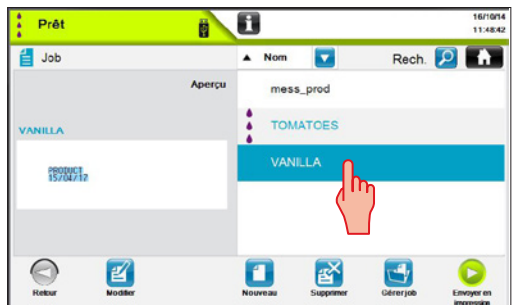
5



6

Confirm the modification.

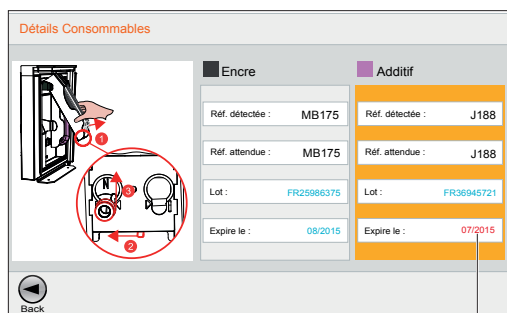
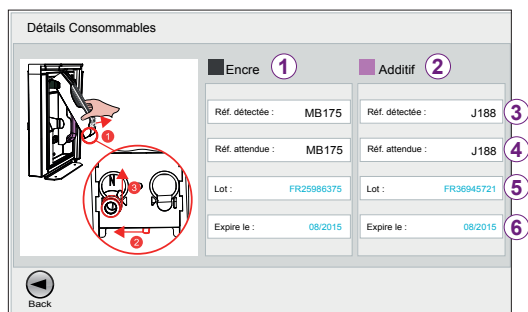
7



Information on consumables



- ① Ink cartridge information area
- ② Additive cartridge information area
- ③ Ink/additive references detected
 - Black text: OK
 - Red text: bad cartridge
 - Other text: the inserted cartridge is not a Markem-Imaje cartridge.
- ④ References expected by the printer
- ⑤ Cartridge batch number
- ⑥ Cartridge expiration date
 - Blue text: OK
 - Red text: out of date



out of date

If the printer detects a problem with any of the cartridges, the background turns orange.

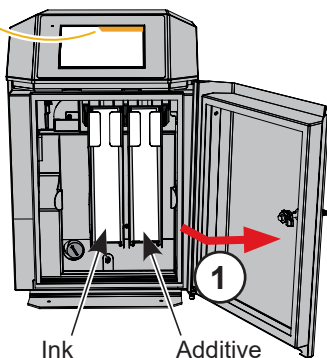


Replacing the consumables

Only if:

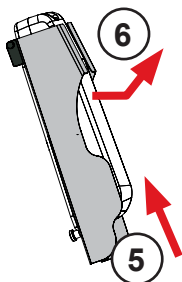
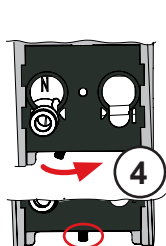
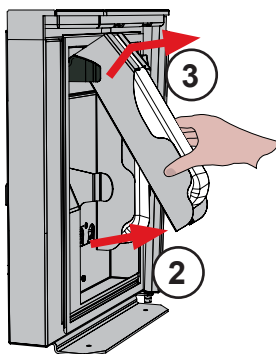
Replace ink cartridge

Replace ink cartridge



Replace additive cartridge

Replace additive cartridge



Repeat operations **1** to **6** in reverse order.

After the new ink cartridge is inserted, it empties either completely or partially into the printer's internal tank, depending on the type of ink used.

WARNING



Risk of puncture
When replacing the cartridges, do not touch the nozzle.



Pigmented ink: Shake vigorously until the deposit disappears completely. Only use Markem-Imaje consumables.



G Head cleaning



Ready

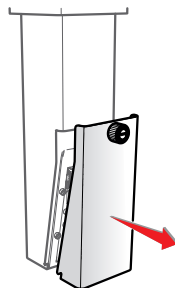
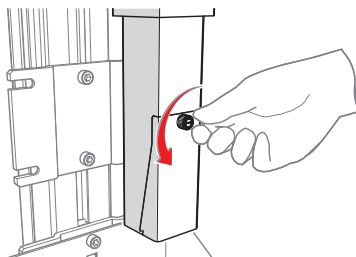
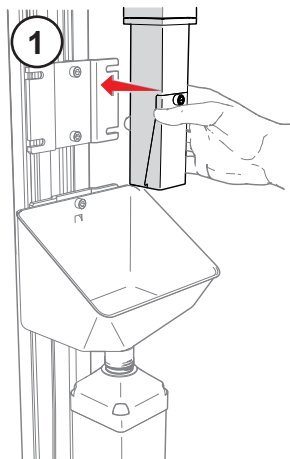
Prêt			17/10/14 10:13:56
Opérations sur la tête			
Etat jet	Ecoulement	Référence viscosité (s)	25.6
Vitesse jet (m/s)	20	Viscosité (s)	25.6
Pression (bars)	3.05	Niveau de récupération	0
Vitesse moteur (t/min)	1500	Valeur piezo	250
Température encre (°C)	51	Numéro phase active	0
Température tête (°C)	61	Niveau d'encre (mm)	10
Compteur machine (h)	4	Compteur circuit d'encre (h)	0
Remplacement kit fibre	24 / 09 / 2013	Remplacement kit maintenance (h)	14638
Arrêt Déroulage buse Intro. additif Contrôle Stabilité Rafraichisse Ajuster point de tirage OK			

Jet stopped

Jet arrêté	23/04/15 10:36:28
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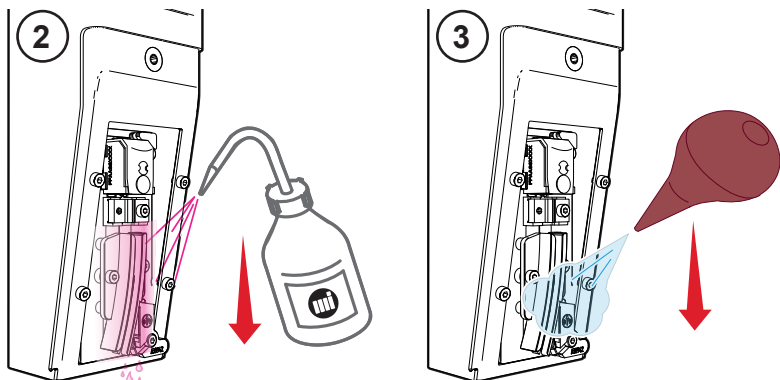


Only use Markem-Imaje cleaning fluid.



Instruction manual

G Head cleaning



Jet stopped



Ready



When using certain inks or operating the printer in harsh environments (hot and/or dusty environments), you will need to clean the head thoroughly. See user manual or Sheet A47081.



M Head cleaning



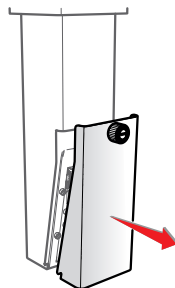
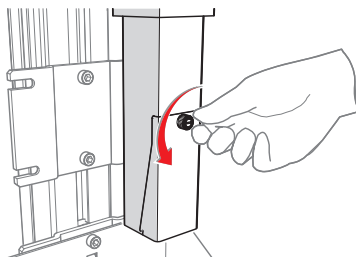
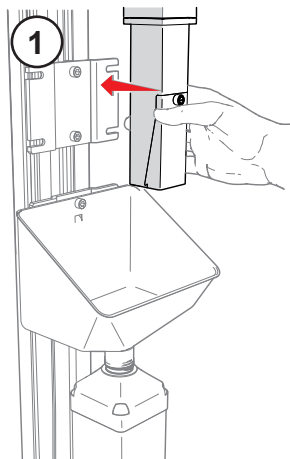
Ready



Jet stopped

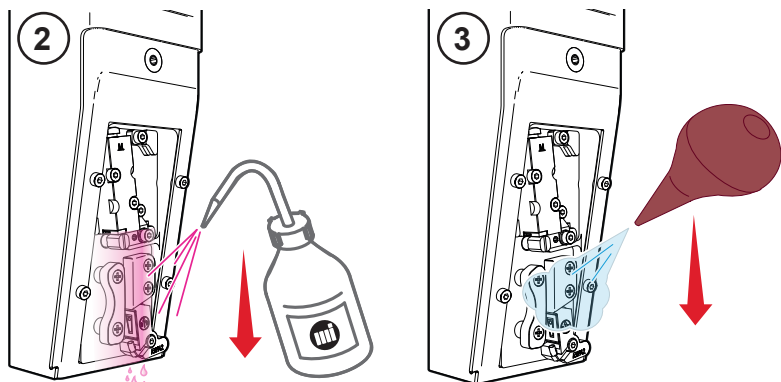


Only use Markem-Imaje cleaning fluid.



Instruction manual

M Head cleaning



Jet stopped



Ready

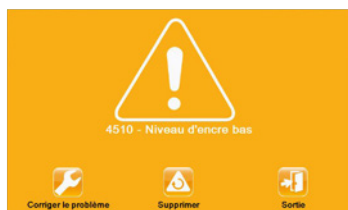


When using certain inks or operating the printer in harsh environments (hot and/or dusty environments), you will need to clean the head thoroughly. See user manual or Sheet A47081.

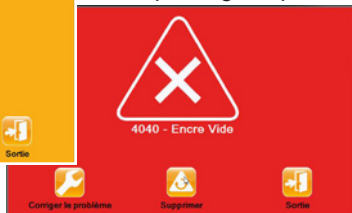


Troubleshooting

Alarm



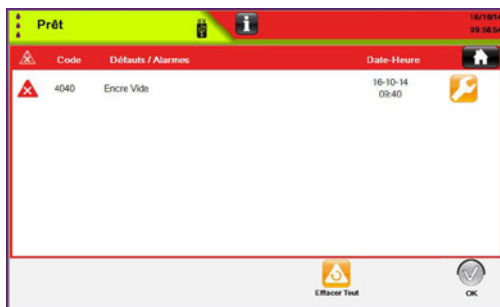
Fault: printing not possible



Consult the troubleshooting screens (if available)



Acknowledge the fault or alarm



Acknowledge all faults and alarms



Information for machines equipped with a light beacon (blue, yellow, green):

- The **green** light indicates normal conditions.
- The **blue** light indicates a condition that requires operator action.
- The **yellow** light indicates an abnormal condition, the emergence of a critical condition.

S/N: Serial number: _____

Additive ref.: _____

Ink Ref.: _____



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