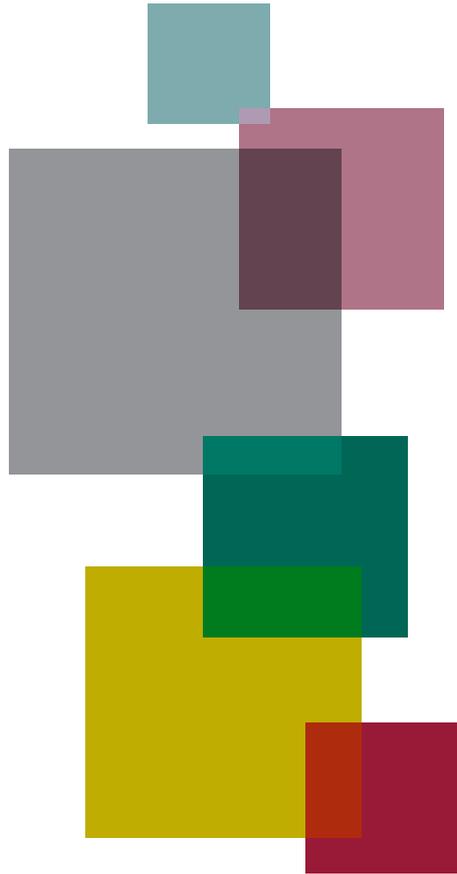




# Qwizard



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- 4 What is Qwizard
- 5 Advantages
- 6 Touchscreen controls
- 7 Interface

# What is Qwizard

Qwizard was born with the goal of freeing the staff working on the printer from having to manage drawings, allowing them to focus on the management of the machine. With few, simple and intuitive steps, it is possible to prepare the print avoiding making mistakes and long waiting times for data preparation

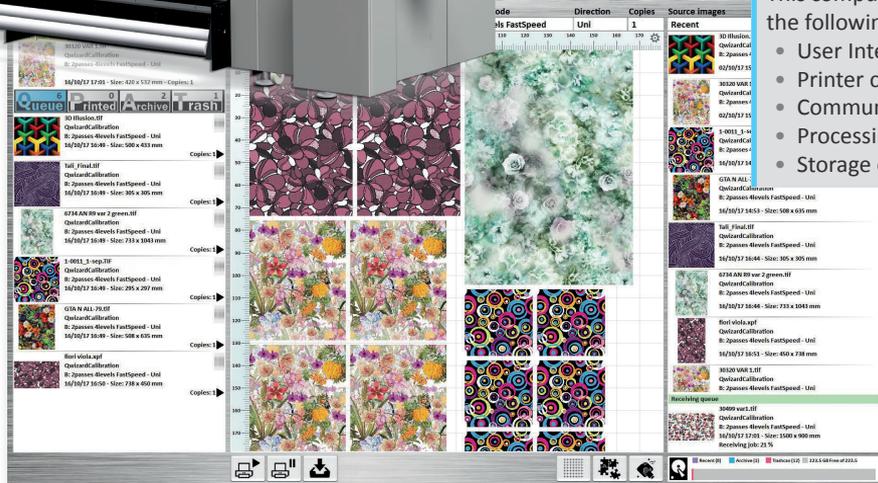


Hardware architecture that integrates with MS printers to provide an interface between the machine and the print management systems (RIPs)

The physical structure consists of a touch screen panel integrated with the printer structure and a dedicated computer positioned inside the housing

This computer will run the control program that has the following tasks:

- User Interface Management
- Printer communication management
- Communication management with RIP software
- Processing the required prints
- Storage of prints



# Advantages



## User friendly

Interface with touchscreen technology, with very little learning time.



## Optimization

Thanks to its ease of use, the operator can easily position the drawings in the print area while optimizing the space used and productivity.



## Performance

The data processed by the print RIP is stored directly in the Qwizard, ensuring maximum productivity of the printer in all available modes, while avoiding slowdowns due to the slowness of drawing processing software.



## Automation

The files are sent from the drawing Studio already prepared with the correct calibration and printing modes, to prevent any operator mistakes in preparing the prints.



## Control

It is possible to filter the output based on the media, print mode, or color calibration.



## Storage

Thanks to its remarkable memory capacity and modern management, data compression and distribution technologies, Qwizard can store thousands of designs and layouts.



## Compatibility

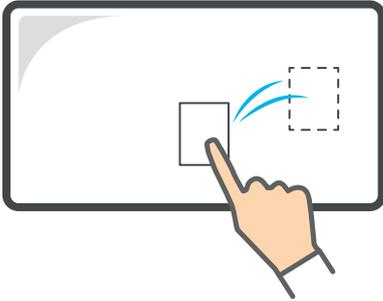
Qwizard has been designed for all MS printers and all their sectors: textile, transfer, soft signage.

# Touchscreen controls

The device is controlled exclusively through the touchscreen. The operator can perform all available operations simply by touching the panel with one finger

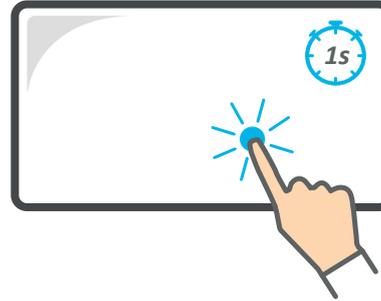
## Touch and move your finger

Dragging an object, scrolling a list, etc.



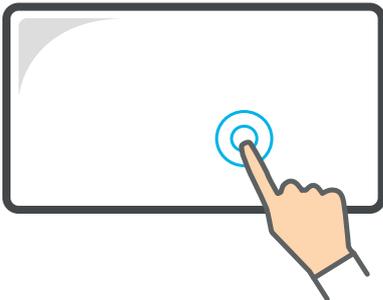
## Pressure for more than 1 second

(long press)



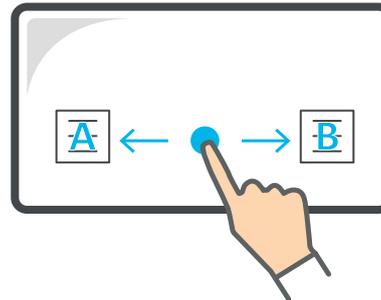
## Double touch

(double click)



## Dragging direction

Depending on the direction, the command given changes



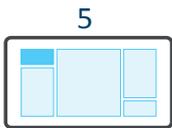
# Interface

The interface consists of a single screen divided into sections from which it is possible to control every feature

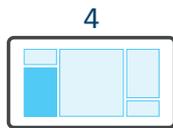
The screenshot displays a software interface for a printing system. The interface is divided into several sections:

- Job queue (left):** A list of print jobs with details such as filename, printer, and status. A blue circle with the number '5' highlights the 'Queue' button, and a blue circle with the number '4' highlights the 'Printed' button.
- Layout (center):** A large grid showing the print layout for a selected job. A blue circle with the number '3' highlights the layout area.
- Source Images (right):** A list of source images used in the print job. A blue circle with the number '2' highlights the 'Recent' button.
- Reception queue (bottom right):** A list of jobs in the reception queue. A blue circle with the number '1' highlights the 'Receiving queue' button.

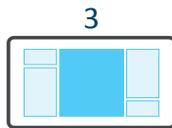
At the bottom of the interface, there are several icons for printer control and system status. Below the screenshot, five numbered icons (1-5) are shown, corresponding to the highlighted areas in the interface.



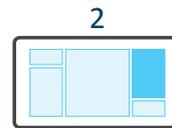
Print



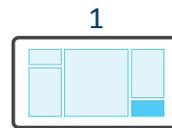
Print queue



Layout



Source images



Reception queue



# Overview: Reception queue and Source images

- View as
- Large icons
- Small icons
- List

Icon display mode

The screenshot shows a software interface with several panels. On the left is a 'Job queue' panel with a 'View as' dropdown set to 'Large icons' and a list of buttons: 'Queue 0', 'Printed 0', 'Archive 0', and 'Trash 0'. The main area is a 'Layout' grid with a vertical axis from 0 to 170 cm and a horizontal axis from 0 to 170 cm. On the right is a 'Source images' panel with a 'View as' dropdown set to 'Large icons' and a 'Recent' list of image files. A hand icon points to the 'View as' dropdown in the 'Source images' panel. At the bottom right, a 'Receiving queue' panel shows a job being processed. A blue line connects the 'List of processed images' label to the 'Receiving queue' panel.

Job queue	View as	Layout	Selected print mode	Direction	Copies	Source images	View as
Queued	Large icons				1	Recent	Large icons
Active job						3D Illusion.tif QuizardCalibration B: Zpasses 4levels FastSpeed - Uni 29/09/17 11:55 - Size: 500 x 433 mm	
						30320 VAR 1.tif QuizardCalibration B: Zpasses 4levels FastSpeed - Uni 29/09/17 11:56 - Size: 420 x 532 mm	
						1-0011_1-sep.TIF QuizardCalibration B: Zpasses 4levels FastSpeed - Uni 29/09/17 11:56 - Size: 295 x 297 mm	
						Receiving queue	
						GTA N ALL-79.tif QuizardCalibration B: Zpasses 4levels FastSpeed - Uni 29/09/17 11:57 - Size: 508 x 695 mm Receiving job: 30 %	

List of processed images

Here it is possible to see the images received from the PC RIP and being processed



# Overview: Source images

Source images
Recent
Archived
Trashcan

From here, it's possible to access the lists of Recent, Archived or deleted images

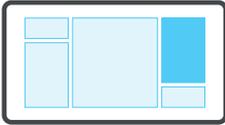
The screenshot shows a software interface with several panels:

- Job queue:** Queued, Active job.
- View as:** Large icons.
- Layout:** 3D Illusion.tif, Selected print mode: B: 2passes 4levels FastSpeed, Direction: Uni, Copies: 1. A grid with a 3D illusion image is visible.
- Source Images:** Recent, Archived, Trashcan. A list of images is shown, including '3D Illusion.tif', '30320 VAR 1.tif', '1-0011\_3-sep.TIF', and 'GTA N ALL-79.tif'. A hand icon points to the 'GTA N ALL-79.tif' entry.
- View as:** Large icons.
- Bottom bar:** Queue, Printed, Archive, Trash, and various icons for printing and file management.

A tooltip for 'GTA N ALL-79.tif' displays the following information:

- GTA N ALL-79.tif
- QuizardCalibration
- B: 2passes 4levels FastSpeed - Uni
- 29/09/17 11:57 - Size: 508 x 635 mm

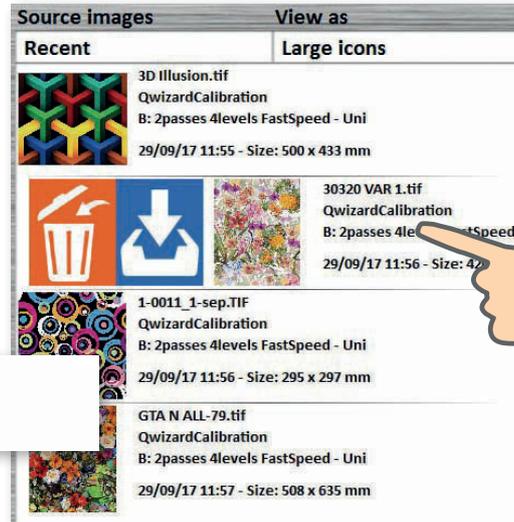
Dragging and placing image on the Layout



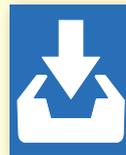
## Dragging direction

Dragging the image to the right or to the left will activate different functions

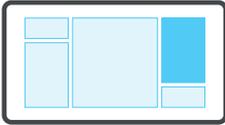
Dragging and placing image on the Layout



The image is moved to the **Trashcan**



The image is moved to the **Archived** images



## Different functions

Available functions vary depending on the displayed list and drag direction  
Archived Images

Source images
Recent
Archived
Trashcan

Source images View as

Archived	Large icons
	
	30320 VAR 1.tif QwizardCalibration B: 2passes 4levels FastSpeed - 02/10/17 08:42 - Size: 426
	1-0011_1-sep.TIF QwizardCalibration B: 2passes 4levels FastSpeed - Uni 02/10/17 08:49 - Size: 295 x 297 mm

Dragging and placing image on the  
Layout

 1-0011\_1-sep.TIF  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
29/09/17 16:11 - Size: 295 x 297 mm



The image is moved to the **Trashcan**



The image is moved to the **Recent**  
images



## Different functions

Available functions vary depending on the displayed list and drag direction  
Deleted Images

Source images
Recent
Archived
Trashcan

Source images View as

Trashcan	Large icons
	
	30320 VAR 1.tif QwizardCalibration B: 2passes 4levels FastSpeed - 02/10/17 08:59 - Size: 420
	1-0011_1-sep.TIF QwizardCalibration B: 2passes 4levels FastSpeed - Uni 02/10/17 09:00 - Size: 295 x 297 mm

Dragging and placing image on the Layout

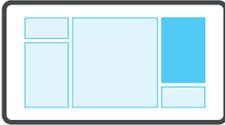
1-0011\_1-sep.TIF  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
29/09/17 16:11 - Size: 295 x 297 mm



The image is **deleted permanently**



The image is moved to the **Recent** images



## Multiple selection

Pressing for more than 1 second will activate the multiple selection

Quick selection of all images

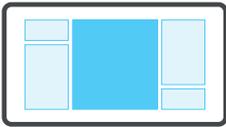
Quick de-selection of all images

Selecting single images

Dragging and placing images on the Layout

1s

Image Name	Thumbnail	Metadata
3D Illusion.tif		QwizardCalibration B: 2passes 4levels FastSpeed - Uni 29/09/17 11:55 - Size: 500 x 433 mm
30320 VAR 1.tif		QwizardCalibration B: 2passes 4levels FastSpeed - Uni 02/10/17 09:05 - Size: 420 x 532 mm
1-0011_1-sep.TIF		QwizardCalibration B: 2passes 4levels FastSpeed - Uni 02/10/17 09:05 - Size: 295 x 297 mm
GTA N ALL-79.tif		QwizardCalibration B: 2passes 4levels FastSpeed - Uni 02/10/17 14:19 - Size: 508 x 635 mm



# Overview: Layout

In this area, it is possible to set the Number of copies to be printed, the Print direction, the Print mode, and Rename the layout created

The screenshot shows a software interface for managing print jobs. The top bar contains several fields: 'Job queue' (Queued), 'View as' (Large Icons), 'Layout' (3D Illusion.tif+1-0011\_1-sep.TIF+30320), 'Selected print mode' (B: 2passes 4levels FastSpeed), 'Direction' (Uni), and 'Copies' (1). Below the top bar is a 'Job queue' section with a table showing 'Queued', 'Printed', 'Archive', and 'Trash' counts, all set to 0. The central area is a 'Layout' preview showing a 3D geometric pattern. To the right is a 'Source Images' panel with a 'Recent' list of image files. At the bottom, there are icons for printing and layout management. A blue line points from the text above to the 'Selected print mode' field. Two callout boxes at the bottom point to icons for printing and layout management.

Job queue: Queued | View as: Large Icons | Layout: 3D Illusion.tif+1-0011\_1-sep.TIF+30320 | Selected print mode: B: 2passes 4levels FastSpeed | Direction: Uni | Copies: 1

Job queue: Queued | Printed | Archive | Trash

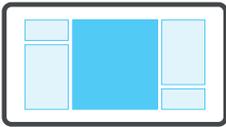
Source Images: Recent | Large Icons

Recent:

- 3D Illusion.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
02/10/17 15:17 - Size: 500 x 433 mm
- 30320 VAR.1.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
02/10/17 15:17 - Size: 420 x 532 mm
- 1-0011\_1-sep.TIF  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
02/10/17 15:17 - Size: 295 x 297 mm
- GTA N ALL-79.tif  
QwizardCalibration  
A: 2passes 4levels MaxSpeed - Uni  
03/10/17 08:48 - Size: 508 x 635 mm

Icons for printing and saving the job

Icons for Layout management



# Overview: Layout



By pressing this area, it is possible to change the ruler scale (cm/inches)



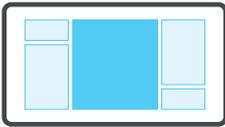
Pressing this icon will change the width of the media

The screenshot shows a printing software interface with the following components:

- Job queue:** Queued, Active job.
- View as:** Large Icons.
- Layout:** 3D Illusion.tif+1-0011\_1-sep.TIF+30320. Selected print mode: B: 2passes 4levels FastSpeed. Direction: Uni. Copies: 1.
- Source Images:** Recent images including 3D Illusion.tif, 30320 VAR.1.tif, 1-0011\_1-sep.TIF, and GSA N ALL-79.tif.
- View as:** Large Icons.
- Bottom Panel:** Queue (0), Printed (0), Archive (0), Trash (0). Status: 223.5 GB Free of 223.5.

Annotations in the image:

- A hand pointing to the ruler scale with the text: "By pressing this area, it is possible to change the ruler scale (cm/inches)".
- A gear icon with the text: "Pressing this icon will change the width of the media".
- A hand pointing to the vertical ruler with the text: "Moving a finger over the ruler can slide the Layout".



## Print mode

The Print mode is set automatically when inserting the first image

Selected print mode
<b>B: 2passes 4levels FastSpeed</b>
<b>B2: 4passes 4levels FastSpeed</b>
<b>B3: 6passes 4levels FastSpeed</b>
<b>B4: 8passes 4levels FastSpeed</b>

The first image inserted assigns the Print mode to the Layout

Selected print mode: **B: 2passes 4levels FastSpeed**

Direction: Uni, Copies: 1

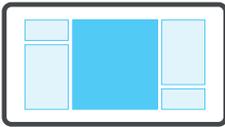
Source Images: Recent, View as: Large icons

- 3D Illusion.tif: QwizardCalibration, B: 2passes 4levels FastSpeed - Uni, 02/10/17 15:17 - Size: 500 x 433 mm
- 30320 VAR 1.tif: QwizardCalibration, B: 2passes 4levels FastSpeed - Uni, 02/10/17 15:17 - Size: 420 x 532 mm
- 1-0011\_1-sep.tif: QwizardCalibration, B: 2passes 4levels FastSpeed - Uni, 02/10/17 15:17 - Size: 295 x 297 mm
- GTA N ALL 79.tif: QwizardCalibration, A: 2passes 4levels MaxSpeed - Uni, 03/07/17 08:48 - Size: 508 x 635 mm

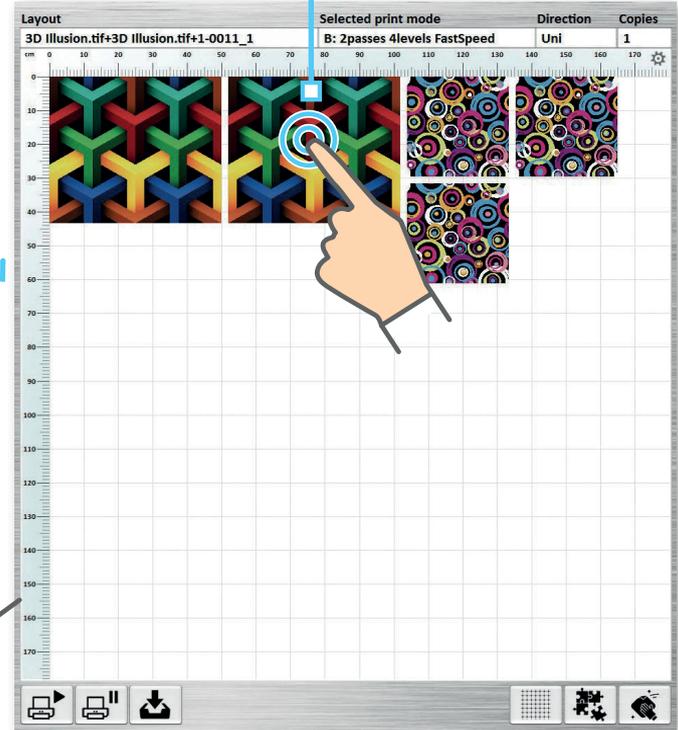
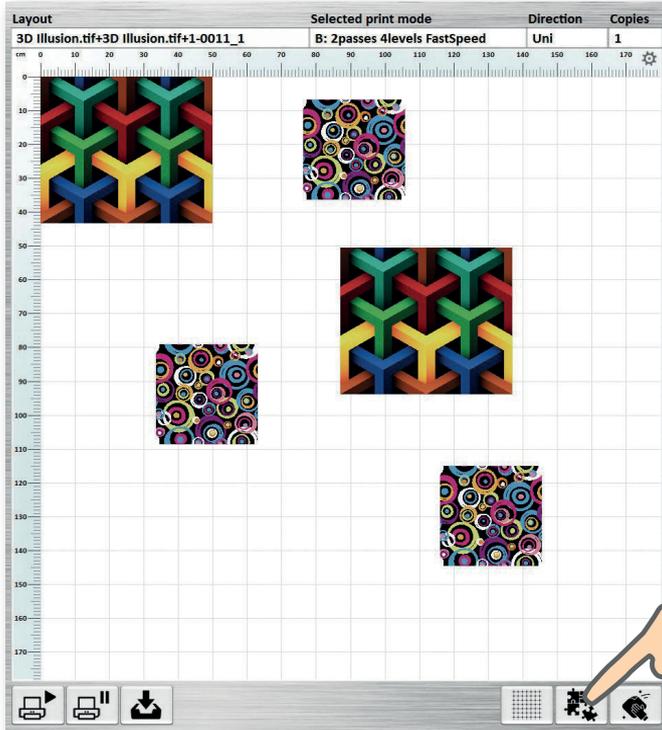
Recent [4] Archive [0] Trashcan [5] 223.5 GB Free of 223.5

Images that have a Print mode (the first letter A, B, C, etc.) other than that of the first image inserted are not selectable

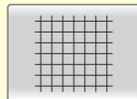




# Layout management



Double click on the images to remove them individually



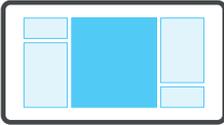
Turns grid display On/Off



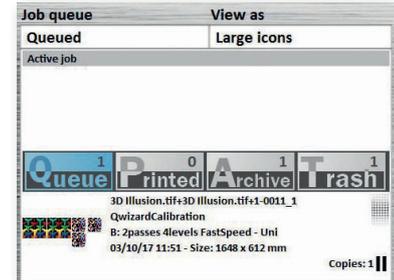
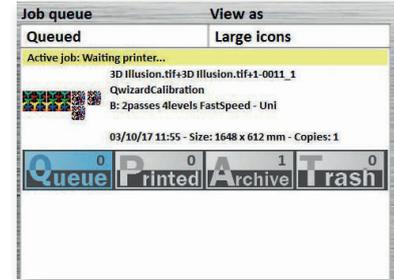
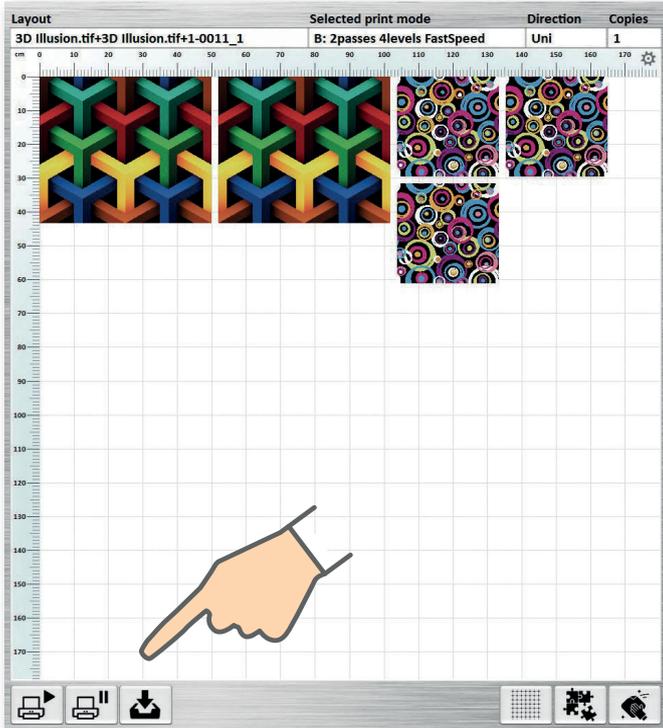
Reorders images automatically



Removes all images from the Layout



# Printing and storing



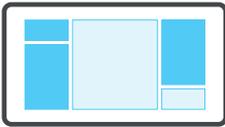
Inserts job "in Play" in the print queue; if there are no jobs in the queue, it will go directly to Print



Inserts job "in paused" in the print queue



Saves the job in the Archive



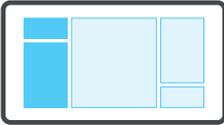
## Sends the drawings directly to print

It is possible to send the drawings directly to print by dragging them from the “Source images” to the “Print queue” or directly to “Print”

The screenshot displays a software interface with several panels:

- Job queue:** Shows a list of print jobs. The top job is "1-0011\_1-sep.TIF" with details: "QwizardCalibration", "B: 2passes 4levels FastSpeed - Uni", and "09/10/17 15:16 - Size: 295 x 297 mm - Copies: 1". Below the list are buttons for "Queue", "Printed", "Archive", and "Trash".
- Layout:** A large grid area with a ruler at the top and left, used for previewing print jobs.
- Source images:** A panel on the right showing a list of recent source images, including "3D Illusion.tif", "30320 VAR 1.tif", "1-0011\_1-sep.TIF", "GTA N ALL-79.tif", and "30499 var1.tif".
- Bottom bar:** Contains icons for printer, print, and download, along with system status information like "Recent (5)", "Archive (5)", "Trashcan (7)", and "22.5 GB Free of 223.5".

A hand icon is pointing to the job "1-0011\_1-sep.TIF" in the Job queue panel, which has a tooltip showing its details: "1-0011\_1-sep.TIF", "QwizardCalibration", "B: 2passes 4levels FastSpeed - Uni", and "29/09/17 16:11 - Size: 295 x 297 mm".



# Overview: Print queue, Print

View as

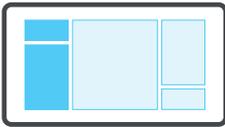
- Large icons
- Small icons
- List

Icon display mode

Job in print

Print queue

The screenshot displays a print management application interface. At the top, there are tabs for 'Job queue', 'View as', 'Layout', 'Selected print mode', 'Direction', 'Copies', 'Source images', and 'View as'. The 'Job queue' tab is active, showing a list of print jobs with columns for 'Queued', 'Printed', 'Archive', and 'Trash'. The 'View as' dropdown is set to 'Large icons'. The 'Layout' tab shows a preview of a printed page with a grid and a ruler. The 'Selected print mode' is 'B: 2passes 4levels FastSpeed'. The 'Direction' is 'Uni' and 'Copies' is '1'. The 'Source images' tab shows a list of recent files, including '3D Illusion.tif', 'QwizardCalibration', and '30320 VAR 1.tif'. The 'View as' dropdown for 'Source images' is also set to 'Large icons'. The bottom of the interface features a toolbar with icons for printing, pausing, and other functions, along with system tray icons for 'Recent (4)', 'Archive (0)', 'Trashcan (6)', and '223.5 GB Free of 223.5'.



# Overview: Print queue, Print

Job queue
Queued
Printed
Archived
Trashcan

From here, it is possible to access the lists of Queued, Printed, Archived or deleted images

From all menus, by double-clicking, it is possible to quickly load the desired job in the Layout window

The screenshot displays a printing software interface. On the left, the 'Job queue' panel shows a list of jobs with columns for 'Queued', 'Printed', 'Archive', and 'Trash'. The job '1-0011\_1-sep.TIF' is selected. A blue arrow points from the 'Job queue' panel to the 'Layout' window on the right. The 'Layout' window shows a grid of print jobs, with the selected job '1-0011\_1-sep.TIF' highlighted. A hand icon is shown double-clicking on the selected job. The 'Layout' window also displays the 'Selected print mode' as 'B: 2passes 4levels FastSpeed' and the 'Direction' as 'Uni'. The 'Copies' column shows '1' for the selected job. The 'Layout' window also shows a grid of print jobs, with the selected job '1-0011\_1-sep.TIF' highlighted. A hand icon is shown double-clicking on the selected job. The 'Layout' window also displays the 'Selected print mode' as 'B: 2passes 4levels FastSpeed' and the 'Direction' as 'Uni'. The 'Copies' column shows '1' for the selected job.



## Different functions

Available functions vary depending on the displayed list and drag direction  
Job in Print queue

The image shows three sequential screenshots of a print queue interface. Each screenshot has a header with tabs: Queue (5), Printed (0), Archive (1), and Trash (1). The job details are: 3D Illusion.tif+3D Illusion.tif+1-0011\_1, QwizardCalibration, B: 2passes 4levels FastSpeed - Uni, 04/10/17 11:31 - Size: 1648 x 612 mm, Copies: 1.

- Top screenshot:** A hand points to the job. A green play button and a grey skip button are visible. A blue arrow points left.
- Middle screenshot:** A hand points to the job. A green play button and a yellow pause button are visible. A blue arrow points left.
- Bottom screenshot:** A hand points to the job. A trash icon, a download icon, and a thumbnail are visible. A blue arrow points right.



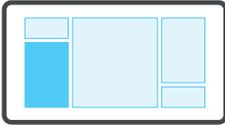
The selected job is **skipped** and the **next job will be run**



The selected job is **sent to print**



The selected job is insert again “in **paused**” in the print queue



## Print queue logic

**Job queue** View as

Queued Large icons

Active job: Waiting printer...

1-0011\_1-sep.TIF+1-0011\_1  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 13:55 - Size: 1737 x 1163 mm - Copies: 1

Queue 4 Printed 0 Archive 2 Trash 6

3D Illusion.tif+3D Illusion.tif+1-0011\_1  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
04/10/17 14:55 - Size: 1648 x 612 mm  
Copies: 1 ▶

1-0011\_1  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 12:22 - Size: 295 x 297 mm  
Copies: 1 ||

GTA N ALL-79.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 12:22 - Size: 508 x 635 mm  
Copies: 1 ▶

3D Illusion.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 13:53 - Size: 500 x 433 mm  
Copies: 1 ▶

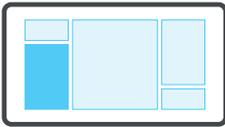


A job marked with this symbol **will be sent** directly to print



A job marked with this symbol **will NOT be sent** directly to print and will stop all the subsequent ones

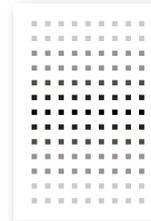
This job will stop all subsequent ones, even if marked with the "Play" symbol



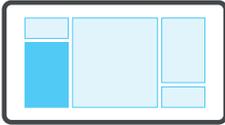
## Quick change of the print sequence

The screenshot shows a print queue interface with the following sections: Queue (4), Printed (0), Archive (2), and Trash (6). The queue contains several jobs, each with a thumbnail, filename, printer name, date, size, and number of copies. A hand icon is pointing to the bottom job, and a blue arrow indicates a drag action.

Queue	Printed	Archive	Trash
4	0	2	6
3D Illusion.tif+3D Illusion.tif+3D Illusion.tif+3D Illus...			
QwizardCalibration			
B: 2passes 4levels FastSpeed - Uni			
04/10/17 12:00 - Size: 1546 x 1541 mm			
Copies: 1			
30320 VAR 1.tif+30320 VAR 1.tif+30320 VAR 1.tif+303...			
QwizardCalibration			
B: 2passes 4levels FastSpeed - Uni			
04/10/17 13:56 - Size: 1737 x 1186 mm			
3D Illusion.tif+3D Illusion.tif+1-0011_1			
Copies: 1			
1-0011_1-okokok~sep.TIF+1-0011_1			
QwizardCalibration			
B: 2passes 4levels FastSpeed - Uni			
04/10/17 14:55 - Size: 1648 x 612 mm			
B: 2passes 4levels FastSpeed - Uni			
04/10/17 14:53 - Size: 1737 x 1163 mm			
Copies: 1			
Copies: 1			
3D Illusion.tif+3D Illusion.tif+1-0011_1			
QwizardCalibration			
B: 2passes 4levels FastSpeed - Uni			
04/10/17 14:55 - Size: 1648 x 612 mm			
Copies: 1			



This icon allows the operator to modify the sequence in the print queue; by dragging the selected item it is possible to anticipate or postpone its execution



## Multiple selection

Pressing for more than 1 second will activate the multiple selection

Quick selection of all images

Quick de-selection of all images

Selecting single images

Active job: Waiting printer...

3D Illusion.tif+3D Illusion.tif+1-0011\_1  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 14:52 - Size: 1648 x 612 mm - Copies: 1

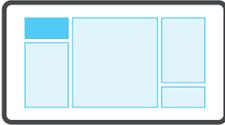
Queue 1 Printed 0 Archive 2 Trash 4

1-0011\_1-sep.TIF+1-0011\_1  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
04/10/17 13:42 - Size: 1737 x 1163 mm  
Copies: 1

30499 var1.tif+30499 var1.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
04/10/17 14:53 - Size: 1500 x 1818 mm  
Copies: 1

3D Illusion.tif  
QwizardCalibration  
B: 2passes 4levels FastSpeed - Uni  
09/10/17 14:52 - Size: 500 x 433 mm  
Copies: 1

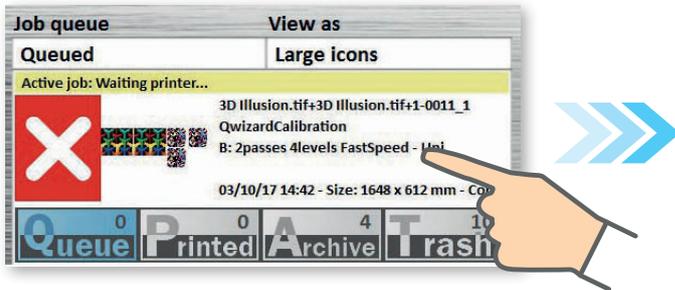
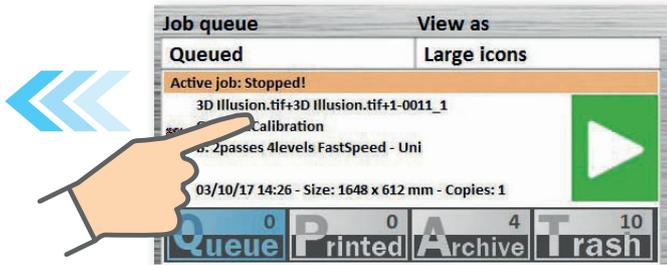
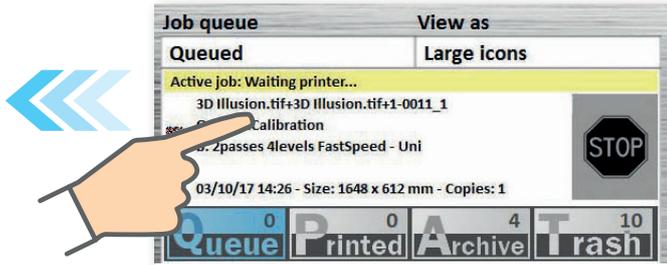




## Different functions

Available functions vary depending on the displayed list and drag direction

Job in Print



The job is **interrupted**



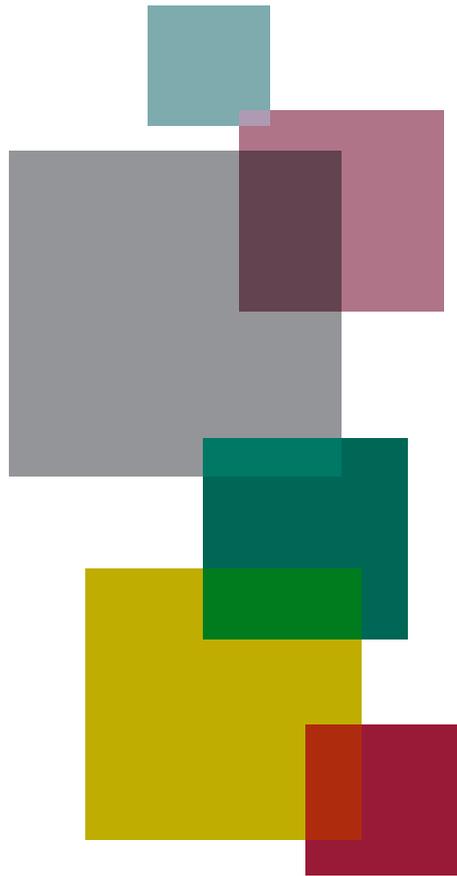
The job is **run again from the start**



The job is **deleted permanently**



The job is **interrupted and deleted permanently**



# MS

PRINTING SOLUTIONS

a **DOVER** Company

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MS PRINTING SOLUTIONS S.R.L. a socio unico

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