

Flatbed Operation

- [Loading Material](#)
- [Vacuum Areas](#)
- [Measuring the Head Height](#)
- [Printing a Nozzle Check](#)
- [Printing Rulers](#)
- [Operating Panel - General Usage](#)
- [Operating Panel - Administrative Usage](#)
- [Double Sided Printing](#)
- [Maintenance](#)
- [Troubleshooting](#)

Loading Material

Loading Material

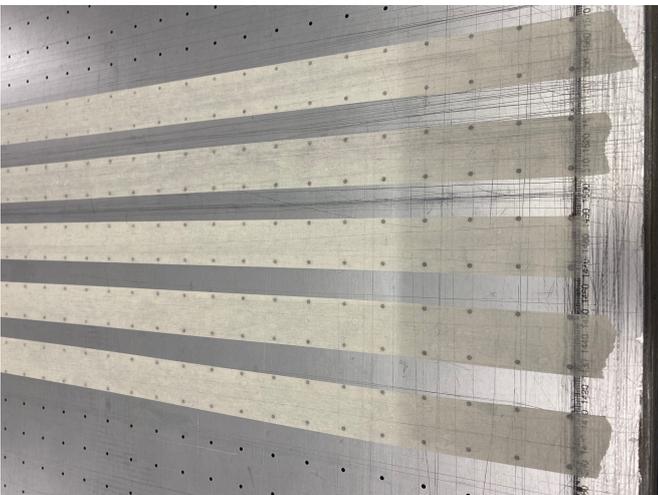
Select the material from the rack behind the Arizona (Other materials are found in the storage through the door).

Wearing gloves (to stop any finger marks from appearing). Pull the board over your head if possible and place it on to the print bed.



Masking Areas

Masking areas of the vacuum holes are useful to keep the pressure of the vacuum on the board.



We also use masking tape to help the board stay flat on the bed.

If you only need to use a small section of the material, you can leave the film on partially. Simply score the film off of the section you'd like to print on. This helps keep your remaining section of material clean of any dust and marks.

Vacuum Areas

Introduction

The overlay sheet on the printer table creates a vacuum field, which is divided into zones by magnetic strips on the underside. When the printer is shipped, the vacuum zones are configured to support common metric or imperial media sizes. The zones are installed at the factory, according to operator preference when the printer is ordered. The purpose of the vacuum zones is to reduce the preprint setup time by reducing the need to mask the open area on the vacuum table when printing on the most common-size media. The printer ships with a vacuum field configured to support either metric or imperial size media.

For the Océ Arizona 600 Series GT vacuum control valve handles are used to manage these zones. The printer has five control valves that determine the zones that are active when the table vacuum pump is on. Zone 1 area is always active, and the five valves control zones 2 through 6. The vacuum zones are open when the valve handles are vertical.

Purpose

The vacuum system holds the media in place. The zones described in this section are arranged to accommodate common media dimensions.

Metric Vacuum Zones

NOTE THIS IS FROM FACTORY AND OUR PRINTER IS DIFFERENT

The following shows the locations and media dimensions associated with the factory-set metric vacuum zones. The name of the zone indicates which vacuum handle controls that zone (except 1 as that zone is always on).

- Vacuum zone 1 = 600 x 800 mm
- Vacuum zone 2 = 700 x 1000 mm
- Vacuum zone 3 = 800 x 1200 mm
- Vacuum zone 4 = 1000 x 1400 mm
- Vacuum zone 5 = 1000 x 2100mm
- Vacuum zone 6 = 1250 x 2500mm

The metric configuration is designed such that zone 6 can be reconfigured by a service representative from the 2.5m x 1.25m area size to 4'x8'.

Measuring the Head Height

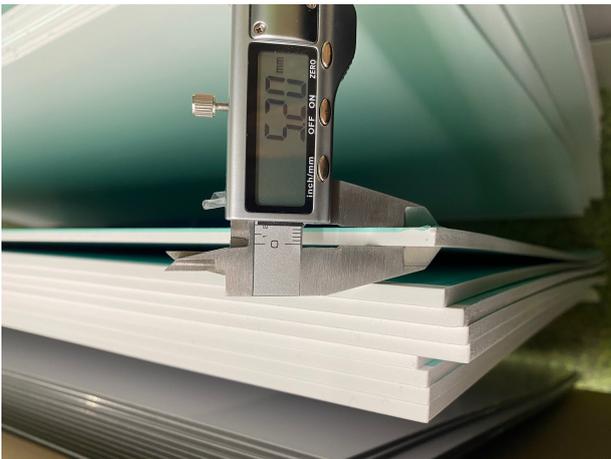
To measure the thickness of the material choose the gauge from the shadow board.



Take it to the material, and press **ON**.

Twist the cog on top to loosen the gauge slider.

Fit the material into the gauge and the screen will display the thickness in millimetres.



Once you select to print a job, the pop-up screen will appear with the option to input your head height.

Depending on the material, the normal height should be 0.5mm higher than the thickness of the material.

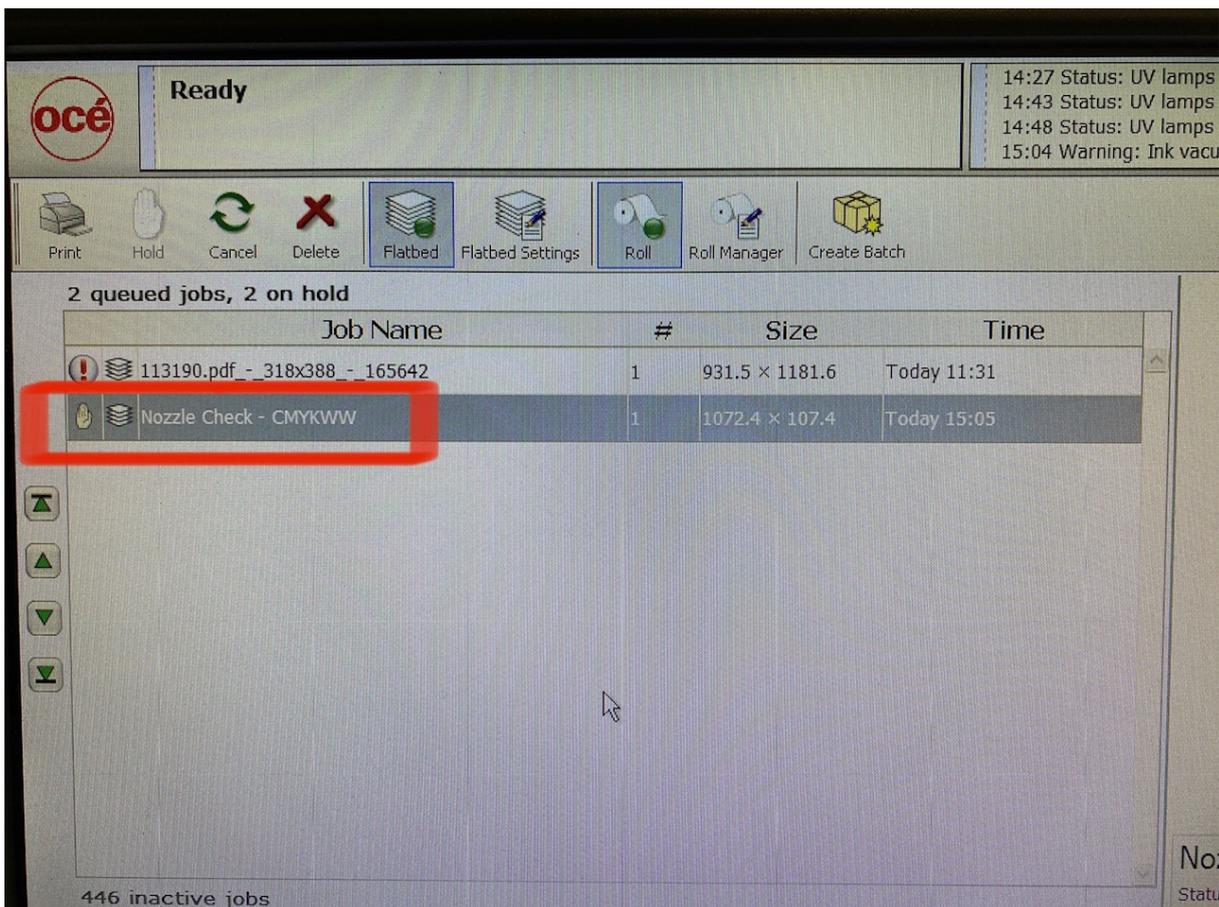
The higher the head the print will have a lower quality of print finish.

Printing a Nozzle Check

To begin a nozzle check on the flat bed, pick your material and size (big enough for the test size 1100x110mm).

Choose nozzle test on the top right of the screen.

Choose the flatbed option on job parameters 'type' so it looks like below.



Once your material is secure on the bed, hit print and start.

Printing Rulers

Operating Panel - General Usage

Viewing Jobs

When selecting a job in Active Jobs List (6) or Inactive jobs (8) it will display the artwork in the job Placement Preview (7)

The screenshot shows the Océ operating panel interface with the following numbered callouts:

- 1: Status bar (Ready)
- 2: System warnings and time (14:57:07 PDT)
- 3: Color calibration bar
- 4: Océ logo
- 5: Job status icons (Print, Hold, Cancel, Delete, Flatbed, Flatbed Settings, Roll, Roll Manager, Create Batch)
- 6: Active Jobs List (1 queued job, 1 on hold)
- 7: Job Placement Preview (Artwork: BIG SALE, So Big. It's Free!
- 8: Inactive Jobs List (297 inactive jobs)
- 9: Job details and parameters (Offsets, Print parameters, Job parameters, Media, Notes)
- 10: Bottom navigation bar (Print, Periodic Maintenance, Counters, Settings, Service and Diagnostics, Tools and Utilities, Upgrade)
- 11: Version information (Version 2.11.0.3)

Job Name	#	Size	Time
DPI_4x8_terracotta_tiles	1	2438.5 × 1219.2	Today 02:57PM

Job Name	#	Size	Time
45x90_ImageQualityEvaluationSheets_VerGx15_Pg13~1	1	2324.1 × 1168.4	05-01-2015 12:41PM
45x90_ImageQualityEvaluationSheets_VerGx15_Pg15~1	1	2324.1 × 1168.4	05-01-2015 12:35PM
ICCSwatch~1_p1_r5_c1	1	323.1 × 191.1	05-01-2015 11:23AM
ICCSwatch~1_p1_r4_c1	1	323.1 × 191.1	05-01-2015 11:23AM
ICCSwatch~1_p1_r3_c1	1	323.1 × 191.1	05-01-2015 11:23AM
ICCSwatch~1_p1_r2_c1	1	323.1 × 191.1	05-01-2015 11:23AM
ICCSwatch~1_p1_r1_c1	1	323.1 × 191.1	05-01-2015 11:22AM
ICCSwatch_p1_r2_c1	1	310.9 × 210.2	05-01-2015 09:52AM
ICCSwatch_p1_r1_c1	1	310.9 × 210.2	05-01-2015 09:52AM
ICCSwatch_p1_r5_c1	1	310.9 × 210.2	05-01-2015 09:52AM
ICCSwatch_p1_r4_c1	1	310.9 × 210.2	05-01-2015 09:51AM
ICCSwatch_p1_r3_c1	1	310.9 × 210.2	05-01-2015 09:51AM

Job details for 45x90_ImageQualityEvaluationSheets_VerGx15_Pg15:

- Status: On Hold
- Dimensions: 2324.1mm × 1168.4mm
- Submitted: 05-01-2015 12:35PM
- Last printed: 05-01-2015 12:35PM

Print parameters:

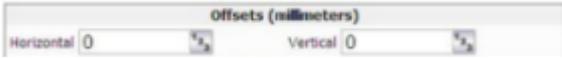
- Mode: Fine Art
- Direction: Bidirectional
- Overprints: 0
- Copies: 1
- Type: Flatbed

Media: Generic FA V2 [DC257 460 CMYKSS V2]

Viewing Print Layers

Position Jobs

To position a job- use the offsets panel on the right-hand side under the preview.



Starting from the bottom left of the artwork you can select the horizontal and vertical offset. This is based on setting a board on the bed at 0x0mm based on the ruler position printed on the bed.

Tip: Print your job closest to the print head in case of print issues you can save the rest of the board

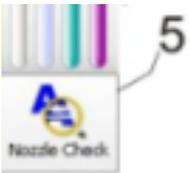
Creating Batch Jobs

Sequential

Collated

Printing a Nozzle Check

Select Nozzle Check at the top right of the page (5)



This loads the pattern to print a nozzle check. Select if you'd like to print on the roll or on the bed (9) and then hit print.

Pausing Jobs

Select Hold to pause a job. (4)



Cancelling Jobs

Select Cancel (4)

Deleting Jobs

Select Delete (4)

Operating Panel - Administrative Usage

Setting Network Address

Bulk Deleting Jobs

Outputting Maintenance Logs

Accessing Special Print Files

Accessing Usage Counters

Double Sided Printing

Maintenance

Changing Ink Bags

White Ink Agitation

Head Cleaning

Ink Filter Changing

Print Head Filter Changing

Changing the Lamps

Daily Maintenance Procedure

Weekly Maintenance Procedure

Troubleshooting