Frequently Asked Questions

Micro Scaling for Océ Printers

Title	Micro scaling for Océ Printers
Revision	1.0
Date:	21.06.2017
Category	FAQ
Owner	Image Access GmbH, Germany
Authors	AKU

1. Confidentiality

Status	Interested Party	Source	PDF
Public Information	Image Access Support	Yes	Yes
	Authorized Service Providers	No	Yes
	Image Access Customers	No	Yes

2. Revision History

Date	Rev.	Name	Description of Change	Reason for Change
08.06.2017	1.0	AKU	Initial Version	
30.08.2017	1.1	AKU	New Feature	Additional Keyboard Feature

3. Table of Contents

3.1. Table of Figures

4. Purpose

The purpose of this document is to answer frequently asked questions about how to make a 1 to 1 copy with a WideTEK scanner and Canon Océ printer.

5. Scope

The scope of the document includes all WideTEK scanners in combination with Canon Océ printers. The firmware versions covered by this document are 6.64C and higher.

6. Terms and Definitions

Term	Description, Meaning
ScanWizard	Scanning application embedded in the scanner system
Micro scaling	Adjusting the scaling in 0,01% steps

7. Introduction

The target audience for this FAQ document is the scan operator of a WideTEK scanner. The operator should have experience measuring the difference between the printed and original document.

The document will provide a guideline to:

- Why there may be a difference between the original and a copy
- How to measure the difference
- How to setup micro scaling in ScanWizard

8. Why there may be a difference between original and copy

The difference between the original and a copy could be the result of tolerance of accuracy from printer and the scanner in X and Y directions. Also, it could depend on the scanned sheet. If the material is folded, it can cause some compression or stretching in the image. With micro scaling, it´s possible to correct these slight errors.

9. How to measure the difference between original and copy

The best way to compare the print with the original is to put both sheets, one above the other, on a light table (a table illuminated for layout), or to measure the information on both sheets with a precision ruler.

10. How to setup micro scaling in ScanWizard

Perform a scan and print it with your default settings. Then, measure the difference between the original and the scan. If a difference exists, open the settings of your printer driver with the **Transfer → gear button** in ScanWizard.

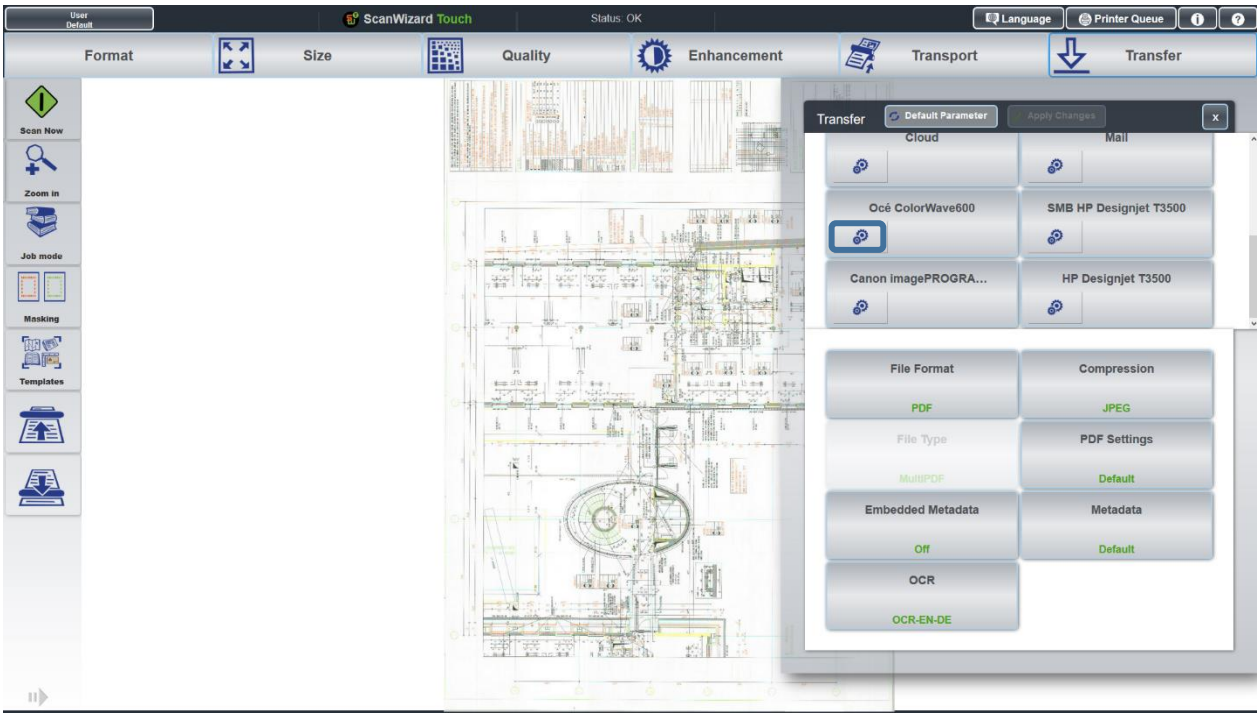

Fig. 1: ScanWizard Printer Driver

This window contains the micro scaling slider for the X and Y directions. The X direction is the direction in which the print head moves. The Y direction is the direction in which the paper is driven. This slider allows a range between 95,00 and 105,00 % and goes in 0.02% steps. A double click on the slider will open a keyboard for editing the value (firmware 6.70 an higher). Print the same document again with the adjusted micro scaling and compare the documents as described in section 9 above. Continue this process until you have achieved an optimal result.

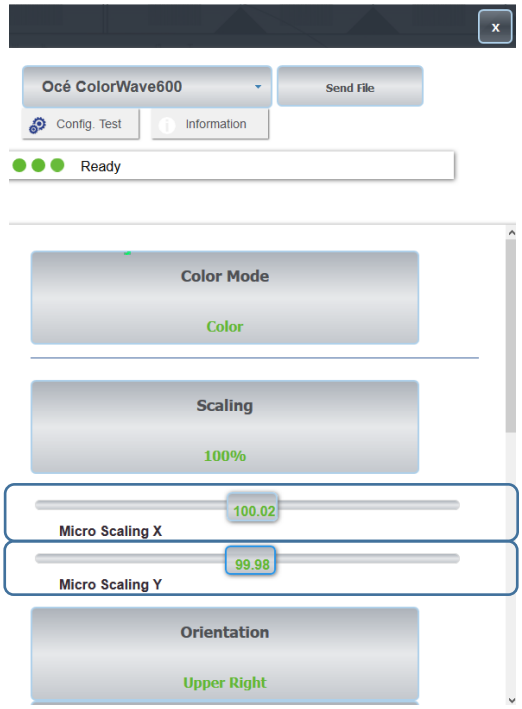

Fig. 2: Micro Scaling Slider

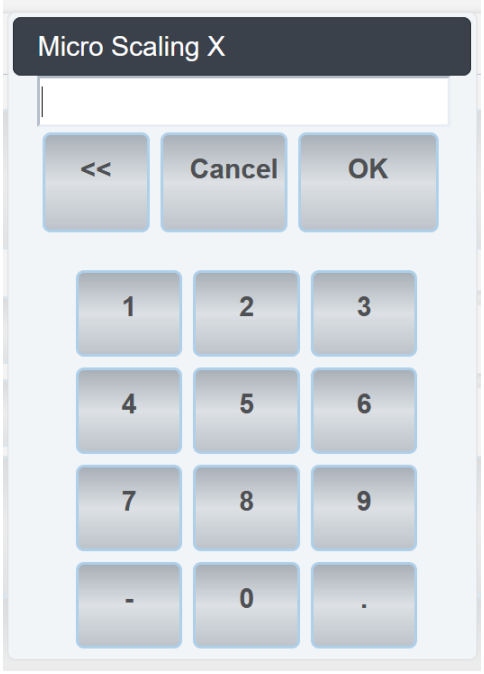

Fig. 3: Micro Scaling Keyboard

End of Document