

SHINGLER

USER GUIDE

VERSION 3.0

SHINGLER

Copyright (c) 2012 Montesi Consulting. All rights reserved

Redistribution and use of this software in it's binary form, without modification is permitted provided that the following conditions are met:

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- The name Montesi Consulting may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

SHINGLER

Shingler is an application designed to help you determine page shingling or creep in your imposition software. It allows you to either choose a generic paper thicknesses that comes preloaded in the software or to use paper thicknesses that you might obtain from the manufacturer or from the physical measuring of the paper you are planning to use.

System requirements to use Shingler

Windows XP

Windows 7

Mac OS X 10.4 - 10.7.4

(These are the systems it has been tested on... There may be others that it works on... but, they have not been tested)

Java which can be downloaded from the following link:

<http://java.com/en/download/index.jsp>

Initial Launch of Shingler

When you initially launch the program Shingler writes a file to your user home directory.

User > Documents > Shingler > shingler.dat

This file contains a list of generic paper thicknesses that you can use in your calculations in case you don't have any paper thicknesses at your disposal. If you can obtain actual thicknesses from your paper manufacturer you can enter the paper names and thicknesses into the program and save them to the file for later use in your projects.

There are no other files written to your hard drive and no connection to the internet is needed. The application is standalone.

SHINGLER

Using Shingler

When you start the program you will notice that Shingler has three sections. The top section is your paper list. The middle section contains a tabbed area for doing your actual calculations and entering or removing your paper stocks. The bottom section has a button that will launch your browser and take you to the Montesi Consulting website. There are no nag screens and no data is collected if you click the link. Visiting my site gives you the opportunity to contact me if you need training on imposition software.

Paper Type	Thickness
Custom Paper	0.0
40# Offset Text	0.0032
40# Glossy Cover	0.0060
50# Offset Text	0.0038
50# Glossy Cover	0.0068

Calculate Shingling Paper Stocks

Custom Paper Thickness From .0001 to 0.1249

Pages in Signature From 8 To 800 PP

Amount to Shingle

The supplied paper values should be used as a guide only.
Consult with your paper manufacturer for actual thickness values.

SHINGLER

Calculate Shingle Amount

To determine the amount your job needs to shingle simply choose your paper in the upper list, enter the number of pages in your book, and hit the calculate button. Shingler will then do the calculations and show you the amount to shingle in the Amount to shingle field.

When you hit the Calculate button Shingler does some basic checking on your job. First it checks that the thickness is within its parameters. Then it checks your page count. Your page count must be between 8 and 200 and must be a multiple of 4. It then shows you the amount to shingle the job. If the paper changes after the first calculation just choose the different paper above and hit calculate again for the updated number.

Paper Type	Thickness
Custom Paper	0.0
40# Offset Text	0.0032
40# Glossy Cover	0.0060
50# Offset Text	0.0038
50# Glossy Cover	0.0068

Calculate Shingling Paper Stocks

Custom Paper Thickness From .0001 to 0.1249

Pages in Signature From 8 To 800 PP

Amount to Shingle

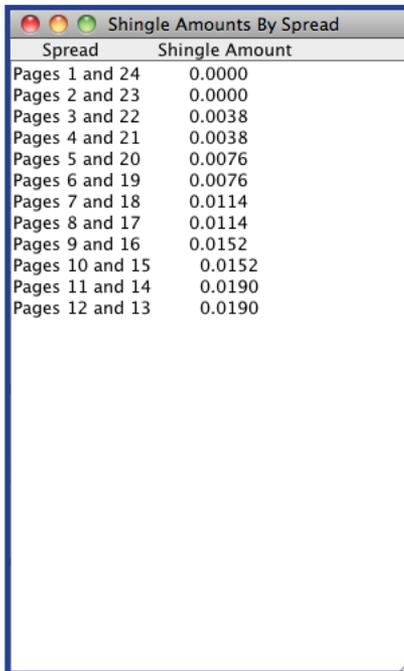
The supplied paper values should be used as a guide only.
Consult with your paper manufacturer for actual thickness values.

SHINGLER

If you need to enter a thickness that is not in your list... choose Custom Paper then enter the thickness below and again hit calculate.

Values By Spread

Sometimes it is necessary to know the amount of the shingling on a spread by spread basis. This comes in handy if you need to prevent shingling on a crossover. If you need to know the shingle amounts on a spread by spread basis hit the Values By Spread button for those values. When you hit the button another window will open showing all the spreads and the amounts you need to see.



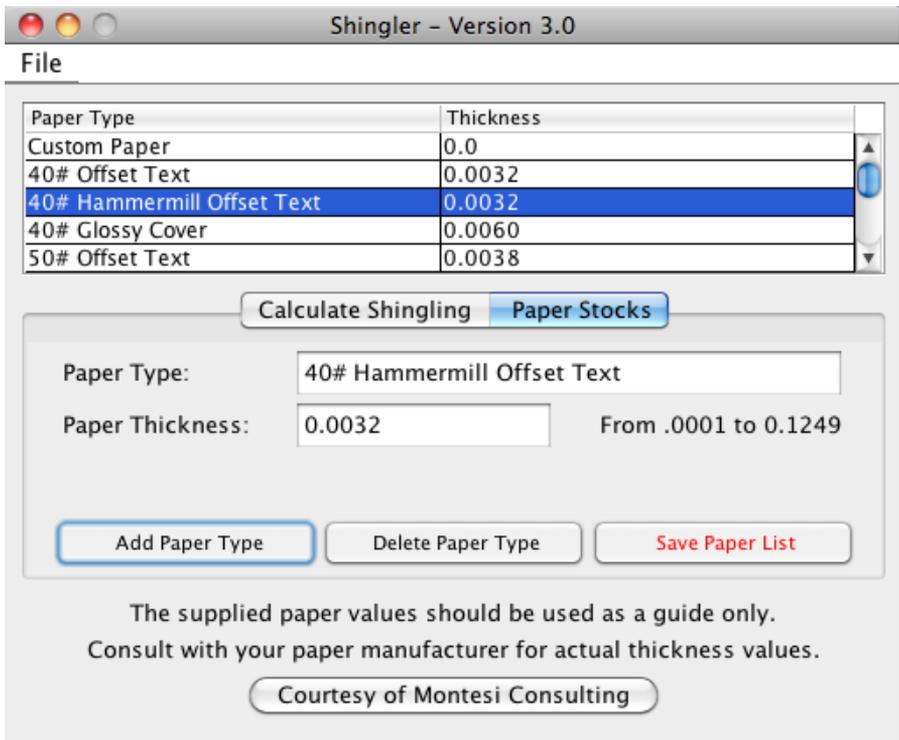
Spread	Shingle Amount
Pages 1 and 24	0.0000
Pages 2 and 23	0.0000
Pages 3 and 22	0.0038
Pages 4 and 21	0.0038
Pages 5 and 20	0.0076
Pages 6 and 19	0.0076
Pages 7 and 18	0.0114
Pages 8 and 17	0.0114
Pages 9 and 16	0.0152
Pages 10 and 15	0.0152
Pages 11 and 14	0.0190
Pages 12 and 13	0.0190

Paper Stocks

If you choose the Paper Stocks tab Shingler will allow you to manipulate your paper list. You can add or delete any paper stocks in the list except for the Custom Paper entry. This one is protected by the system.

Adding a Paper Type

Select any existing paper in the list except Custom Paper. This tells Shingler to add the new paper after that paper. Now enter the name of your paper and its corresponding thickness. Then hit the Add Paper Type Button. The new paper will show up in the list. You will now notice that the Save Paper List button is red. To permanently add the paper hit the Save Paper List. If you are entering more than one paper you only need to hit the Save Paper List button when you are finished.



Shingler – Version 3.0

File

Paper Type	Thickness
Custom Paper	0.0
40# Offset Text	0.0032
40# Hammermill Offset Text	0.0032
40# Glossy Cover	0.0060
50# Offset Text	0.0038

Calculate Shingling Paper Stocks

Paper Type: 40# Hammermill Offset Text

Paper Thickness: 0.0032 From .0001 to 0.1249

Add Paper Type Delete Paper Type Save Paper List

The supplied paper values should be used as a guide only.
Consult with your paper manufacturer for actual thickness values.

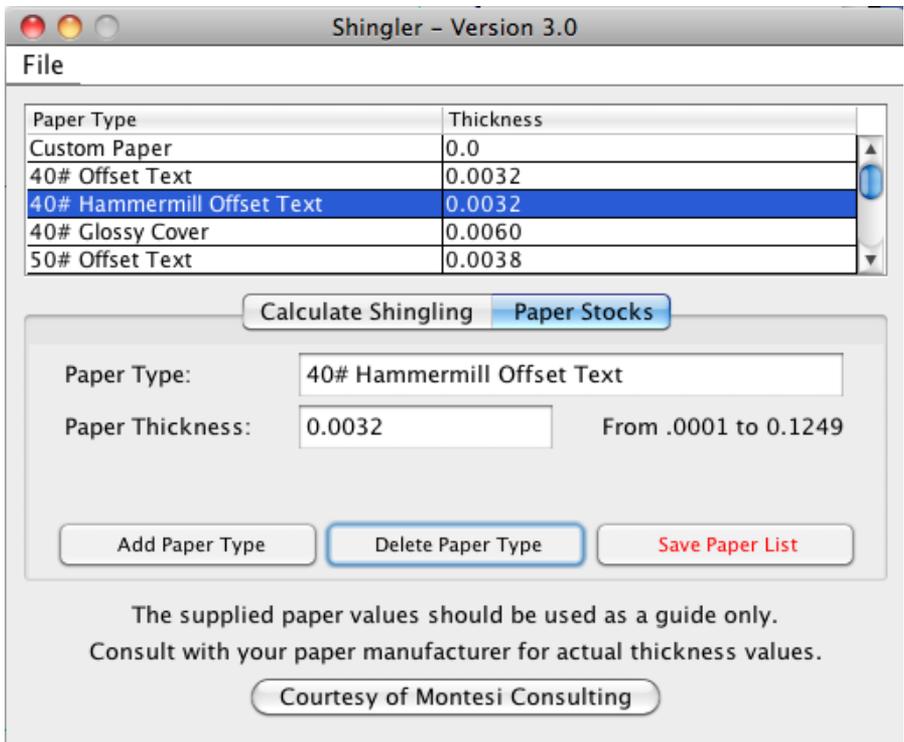
Courtesy of Montesi Consulting

Delete a Paper Type

Select any existing paper in the list except Custom Paper. Custom Paper can not be deleted. After selecting the paper you wish to remove hit the Delete Paper Type button. You will now notice that the Save Paper List button is red. To permanently delete the paper hit the Save Paper List. If you are deleting more than one paper you only need to hit the Save Paper List button when you are finished.

*** If you accidentally delete the wrong paper type... Just quit out of the program without saving the paper list. Saving the list is what makes the final change.

*** If you fubar the list beyond recognition... quit the program and delete the list from the system... a new default list will be created when you relaunch the program.



The screenshot shows the 'Shingler - Version 3.0' application window. At the top is a 'File' menu. Below it is a table with two columns: 'Paper Type' and 'Thickness'. The table contains the following entries:

Paper Type	Thickness
Custom Paper	0.0
40# Offset Text	0.0032
40# Hammermill Offset Text	0.0032
40# Glossy Cover	0.0060
50# Offset Text	0.0038

Below the table are two buttons: 'Calculate Shingling' and 'Paper Stocks'. Underneath these are two input fields: 'Paper Type:' with the value '40# Hammermill Offset Text' and 'Paper Thickness:' with the value '0.0032'. To the right of the thickness field is the text 'From .0001 to 0.1249'. At the bottom of the control area are three buttons: 'Add Paper Type', 'Delete Paper Type', and 'Save Paper List'. Below the buttons is a disclaimer: 'The supplied paper values should be used as a guide only. Consult with your paper manufacturer for actual thickness values.' At the very bottom is a button labeled 'Courtesy of Montesi Consulting'.

Shingler 3.0

© 2012 Montesi Consulting - All Rights Reserved