

What's New in Presstimator Version 8.2

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Smart Paper Waste: The Presstimator is now capable of more precisely estimating the paper waste expected for a given job. In prior versions of the Presstimator, on the Defaults screen in Shop Settings, users could enter three defaults for paper waste (startup, run waste and overrun): jobs with black ink only, spot color ink and process color ink. These defaults are brought into the Paper screen within a Quote when loading defaults. In the new version, the Smart Waste button allows users to enter criteria for a variety of scenarios instead of a single default.

Paper Waste Factors

These values are loaded into the Paper Tab by the 'Use Defaults' button.

	Black Only	Color Ink	Process Color
Startup Impressions:	1000	2000	3500
Run waste (%):	2.00	4.00	8.00
OverRun Impressions:	200	200	200

 Smart Waste

Click the Smart Waste button to open the paper waste lookup table.

Smart Paper Waste Entry Form

Smart Paper Waste Entry

FROM TO Black Only Color Ink Process Color

Pages: 0 16 Startup Impressions: 500 750 1000

Impressions: 1 10000 Run waste (%): 2.00 4.00 6.00

OverRun Impressions: 100 150 150

Format: Tab

New Apply Copy Delete

Paper Waste Summary

Format	Pages From	Pages To	Imp. From	Imp. To	Startup	RunWaste	OverRun	Startup	RunWaste
Any	0	16	0	100000	200	1.00	100	300	2.0
Standard	0	16	0	100000	150	1.50	100	250	2.5
▶ Tab	0	16	1	10000	500	2.00	100	750	4.0
Tab	0	16	10001	20000	500	1.00	100	750	2.0

OK

In this example, we have determined that the waste values for printing a Tab between 1-16 pages changes after printing 10,000 copies. Therefore, we have two entries for a 1-16 page Tab, one that is up to 10,000 copies and another for 10,001 – 20,000 copies. Each has a set of waste values (startup, run waste and overrun) associated with that scenario.

Smart Paper Waste Entry Form

Smart Paper Waste Entry

FROM TO Black Only Color Ink Process Color

Pages: 0 16 Startup Impressions: 500 750 1000

Impressions: 10001 20000 Run waste (%): 1.00 2.00 5.00

OverRun Impressions: 100 100 150

Format: Tab

New Apply Copy Delete

Paper Waste Summary

Format	Pages From	Pages To	Imp. From	Imp. To	Startup	RunWaste	OverRun	Startup	RunWaste
Any	0	16	0	100000	200	1.00	100	300	2.0
Standard	0	16	0	100000	150	1.50	100	250	2.5
Tab	0	16	1	10000	500	2.00	100	750	4.0
▶ Tab	0	16	10001	20000	500	1.00	100	750	2.0

OK

Notice in scenario #1, the run waste was 2%, 4% and 6% for black, color and process color for Tab products up to 10,000 copies and the run waste in scenario #2 is 1%, 2% and 5% for Tab products from 10,001 – 20,000 copies.

You can enter as many scenarios for each job type as desired, or select “Any” as the Format if you do not want to differentiate between Job Formats.

When loading defaults for a Quote, the best match will be found in the lookup table to complete the waste entries on the Paper screen. If a direct match is not found, the global default from the prior screen (Shop Settings – Defaults) will be loaded to be sure some amount of paper waste is included in the job.

Smart Paper Waste Entry Form

Smart Paper Waste Entry

FROM TO Black Only Color Ink Process Color

Pages: 0 16 Startup Impressions: 500 750 1000

Impressions: 10001 20000 Run waste (%): 1.00 2.00 5.00

Format: Tab OverRun Impressions: 100 100 150

New Apply Copy Delete

Paper Waste Summary

Format	Pages From	Pages To	Imp. From	Imp. To	Startup	RunWaste	OverRun	Startup	RunWaste
Any	0	16	0	100000	200	1.00	100	300	2.0
Standard	0	16	0	100000	150	1.50	100	250	2.5
Tab	0	16	1	10000	500	2.00	100	750	4.0
▶ Tab	0	16	10001	20000	500	1.00	100	750	2.0

OK

To group the items in the Paper Waste Summary by Format, click on the Wizard icon. Click the dropdown arrow to expand the items matching given Format. In this example, the items are grouped by 'Any', 'Standard' and 'Tab' and the 'Tab' entries have been expanded. This makes it easy to view the range of entries that have been added.

Smart Paper Waste Entry Form

Smart Paper Waste Entry

FROM TO Black Only Color Ink Process Color

Pages: 0 16 Startup Impressions: 200 300 450

Impressions: 0 100000 Run waste (%): 1.00 2.00 4.00

Format: Any OverRun Impressions: 100 150 150

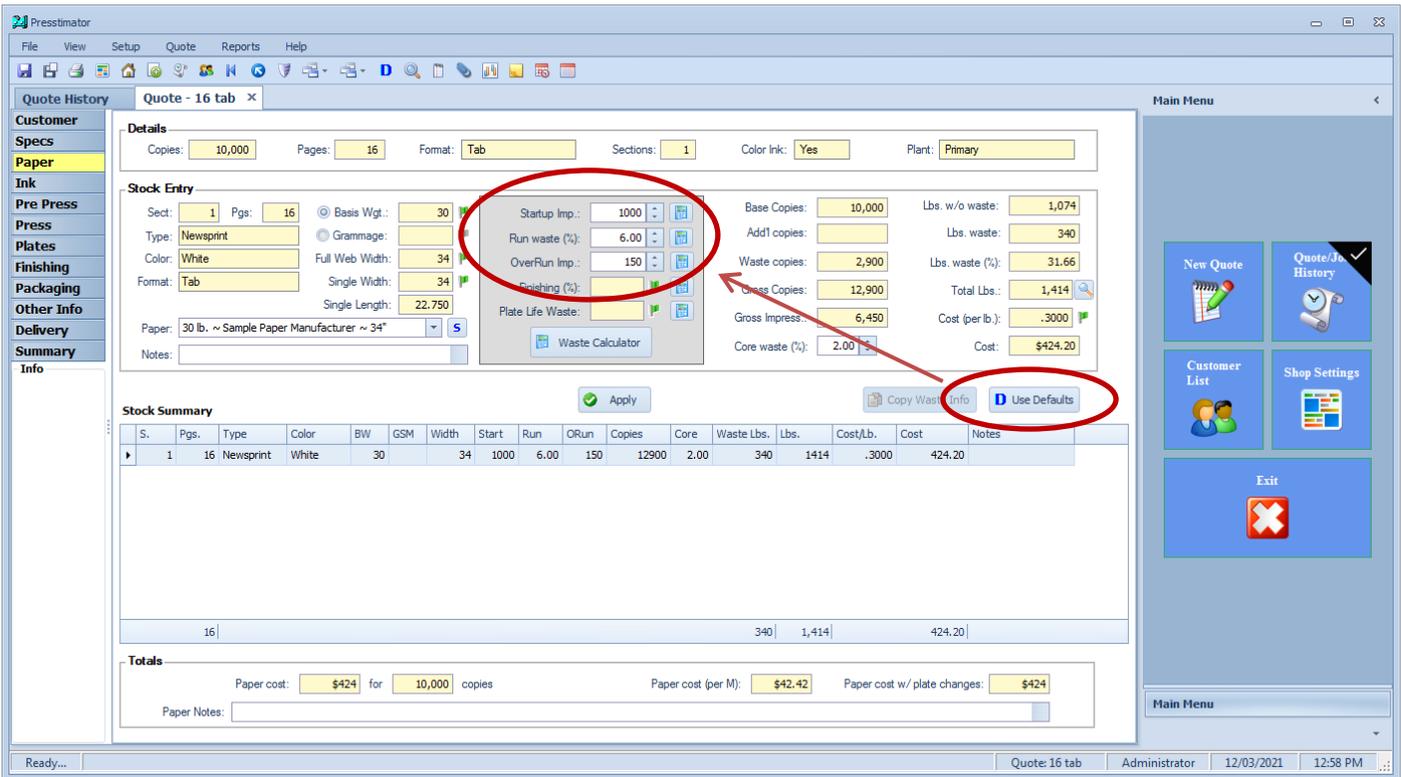
New Apply Copy Delete

Paper Waste Summary

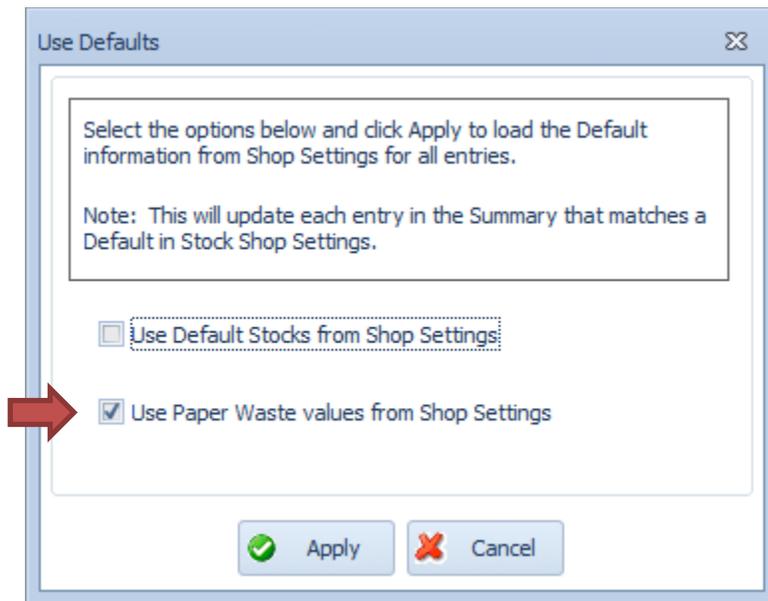
Format

Pages From	Pages To	Imp. From	Imp. To	Startup	RunWaste	OverRun	Startup	RunWaste	OverRun	Star
▶ Format: Any										
▶ Format: Standard										
▼ Format: Tab										
0	16	1	10000	500	2.00	100	750	4.00	150	
0	16	10001	20000	500	1.00	100	750	2.00	100	

OK



On the Paper screen within a Quote, clicking on the 'Load Defaults' button uses the Smart Paper Waste lookup table to set the Startup, Run Waste and OverRun values based on the job specs.



Mark the checkbox for 'Use Paper Waste values from Shop Settings' and click Apply to have the values defaulted in the Quote. If you have manually added waste values for a given job, then leave this checkbox unchecked so they won't be replaced.

The 'Load All Defaults' button in the Toolbar, Quick Quote or on the Specs screens will also load the paper waste values to the values from the Smart Paper Waste screen.

Smart Press IPH: The Presstimator is now capable of more precisely estimating the press running time calculated for a given job by using a more accurate impressions per hour (IPH). In prior versions of the Presstimator, on the Press screen in Shop Settings, users could set a single average IPH value for each press. In the new version, the Smart IPH button allows users to enter criteria for a variety of scenarios instead of having just a single default.

The screenshot displays the 'Shop Settings' window in the Presstimator application. The 'Press Entry' section is circled in red, highlighting the 'Average IPH' field set to 22500 and the 'Smart IPH' button. The 'Press Summary' table at the bottom provides a detailed view of the press entries.

Defa...	Location	Name	Cutoff	Description	Units	SmartIPH	Ave.IPH	Run Rate	MR Rate	Color MR	Add'l MR	Required Plate
x	<All Plants/Location...	Sample - Press 1	22.75	Your Press	6	x	22500	225.00	225.00	225.00	225.00	General Plate
x	<All Plants/Location...	Sample - Press 2	22.75	Your Press / (2) 4 ...	8		26000	275.00	275.00	200.00	275.00	General Plate
x	<All Plants/Location...	Sample - Press 3	21.5	Your Press / (2) 4...	8		26000	275.00	275.00	200.00	275.00	Heatset Plate

Smart IPH Entry Form

Smart IPH Entry

	FROM	TO	IPH	LABEL	DEFAULT
# Pages:	0	16	1: 15000	Slow	<input type="checkbox"/>
# Impressions:	0	10000	2: 20000	Normal	<input checked="" type="checkbox"/>
Format: Tab			3: 25000	Fast	<input type="checkbox"/>

IPH Summary

Format	Pages From	Pages To	Imp. From	Imp. To	IPH	IPH	IPH
Book	1	32	1	10000	15000	20000	25000
Standard	1	16	1	40000	12000	18000	21000
▶ Tab	0	16	0	10000	15000	20000	25000
Tab	1	16	10001	20000	9000	12000	15000
Tab	1	16	20001	75000	18000	13000	14000

In this example, we have determined that the IPH value for printing a Tab between 1-16 pages changes after printing 10,000 copies. Therefore, our first entry for a 1-16 page Tab is up to 10,000 copies. For each scenario, you can set up IPH for three different run modes (e.g. a certain job may run slow, normal or fast).

	IPH	LABEL	DEFAULT
1:	15000	Slow	<input type="checkbox"/>
2:	20000	Normal	<input checked="" type="checkbox"/>
3:	25000	Fast	<input type="checkbox"/>

Enter an IPH for each entry (1/2/3), along with a Label that will be used to describe entries 1,2 and 3. In the example above, there is an IPH value for running the press Slow, Normal or Fast. Use the dropdown to select a different Label, or enter your own manually. You can also specify a Default by marking the checkbox to determine the one used most often. When using the 'Load All Defaults' button in the Toolbar, Quick Quote or on the Specs screens, the IPH and Label marked as the Default will be used.

Smart IPH Entry Form

Smart IPH Entry

FROM TO IPH LABEL DEFAULT

Pages: 0 16 1: 15000 Slow

Impressions: 0 10000 2: 20000 Normal

Format: Tab 3: 25000 Fast

IPH Summary 

Format	Pages From	Pages To	Imp. From	Imp. To	IPH	IPH	IPH
Book	1	32	1	10000	15000	20000	25000
Standard	1	16	1	40000	12000	18000	21000
▶ Tab	0	16	0	10000	15000	20000	25000
Tab	1	16	10001	20000	9000	12000	15000
Tab	1	16	20001	75000	18000	13000	14000

In the Smart IPH Summary, click the Wizard icon to group the entries by Format. Click the dropdown arrow to expand the items matching a given Format. In this example, the items are grouped by 'Any', 'Standard' and 'Tab', and the 'Tab' entries have been expanded. This makes it easy to view the range of entries that have been added.

Smart IPH Entry Form

Smart IPH Entry

FROM TO IPH LABEL DEFAULT

Pages: 0 16 1: 15000 Slow

Impressions: 0 10000 2: 20000 Normal

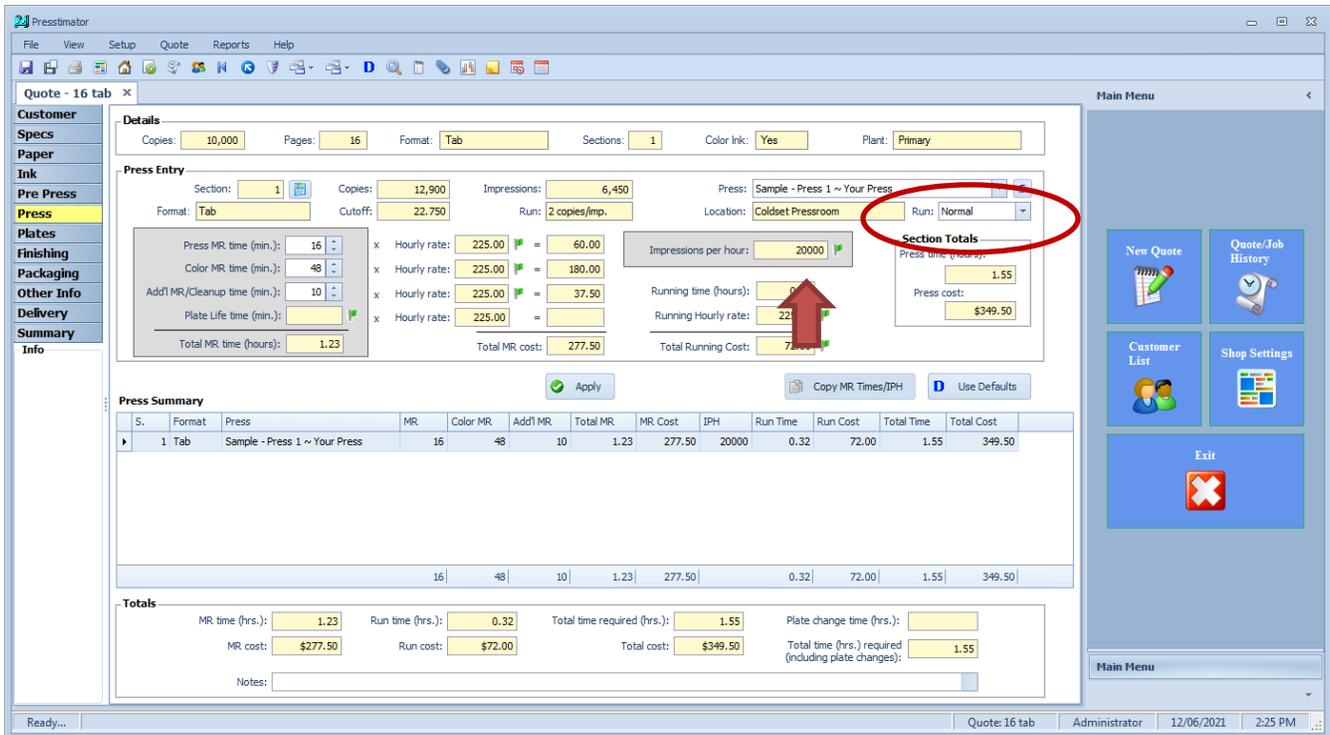
Format: Tab 3: 25000 Fast

IPH Summary 

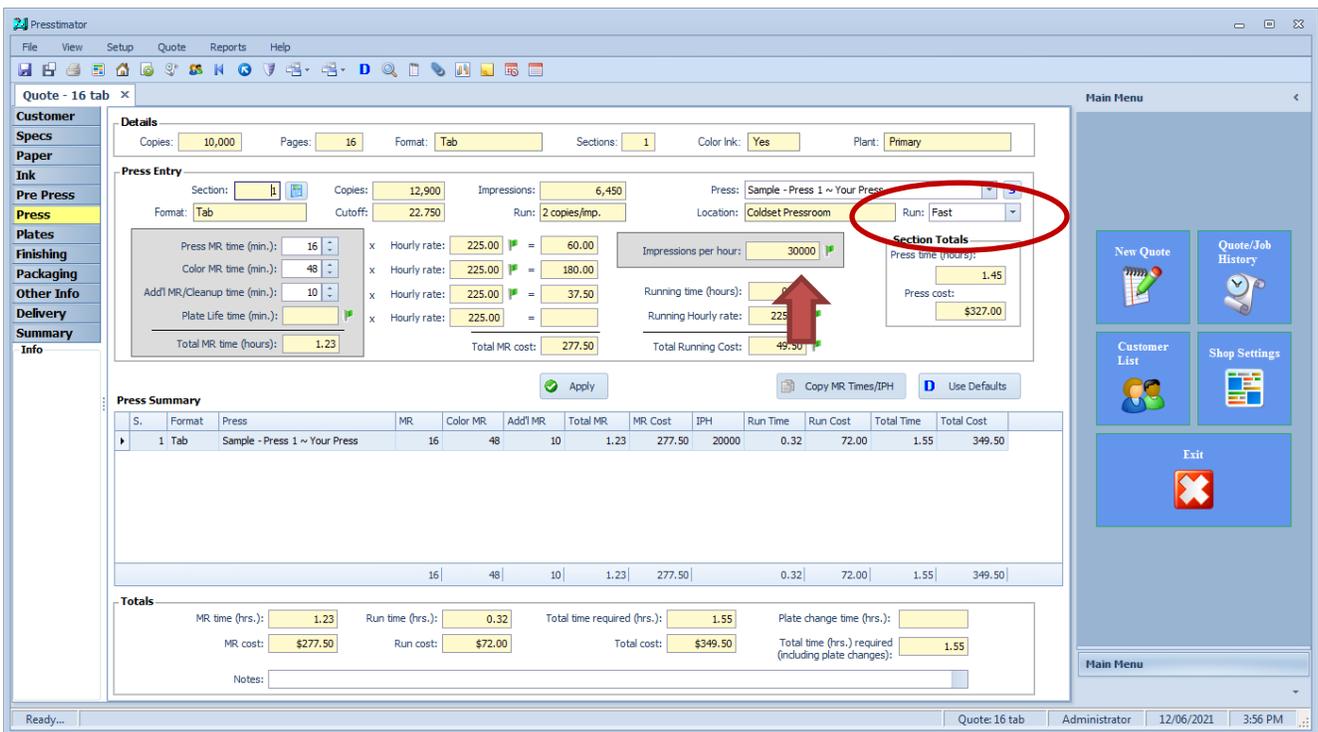
Format

Pages From	Pages To	Imp. From	Imp. To	IPH	IPH	IPH
▶ Format: Book						
▶ Format: Standard						
▼ Format: Tab						
0	16	0	10000	15000	20000	25000
1	16	10001	20000	9000	12000	15000
1	16	20001	75000	18000	13000	14000

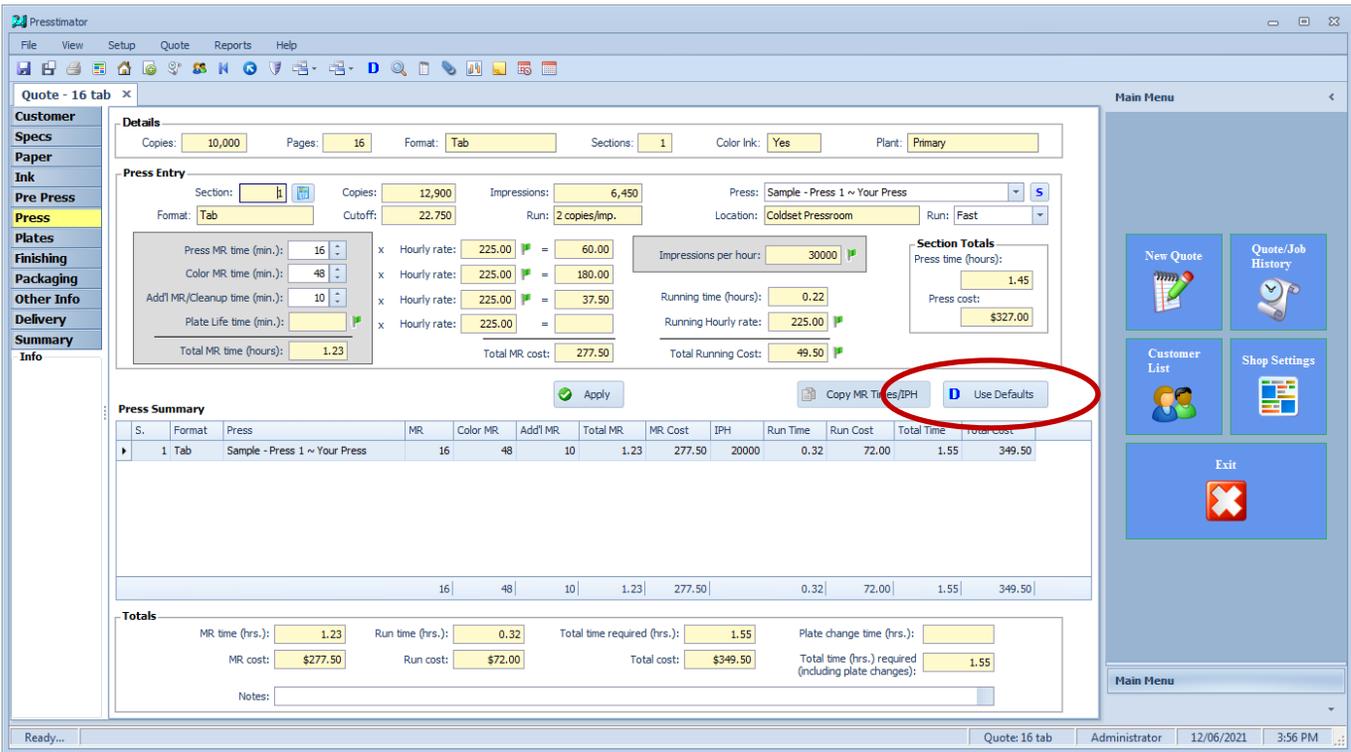
The Smart IPH values entered in Shop Settings are imported into the 'Impressions per hour' field on the Press screen within a Quote.



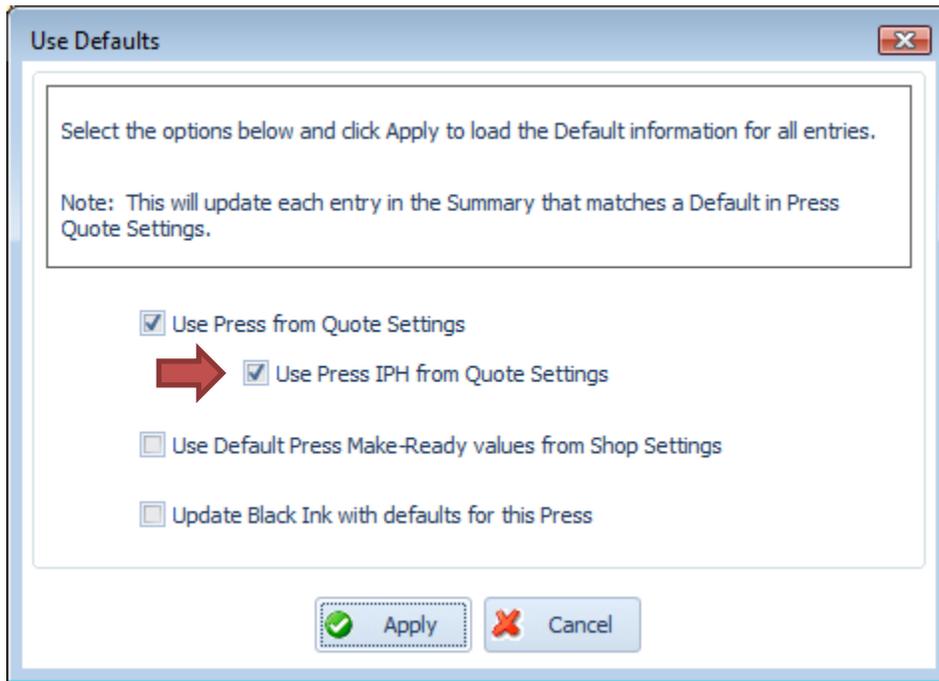
After selecting a Press, select the run mode from the 'Run' dropdown to choose one of the three options entered in Shop Settings for this Press. In our example, the IPH for running the selected press in 'Normal' run mode is 20,000 impressions per hour.



Changing the selection of 'Normal' to 'Fast' changes the IPH from 20,000 impressions per hour to 30,000 impressions per hour based on our Smart IPH scenarios for this Press in Shop Settings.



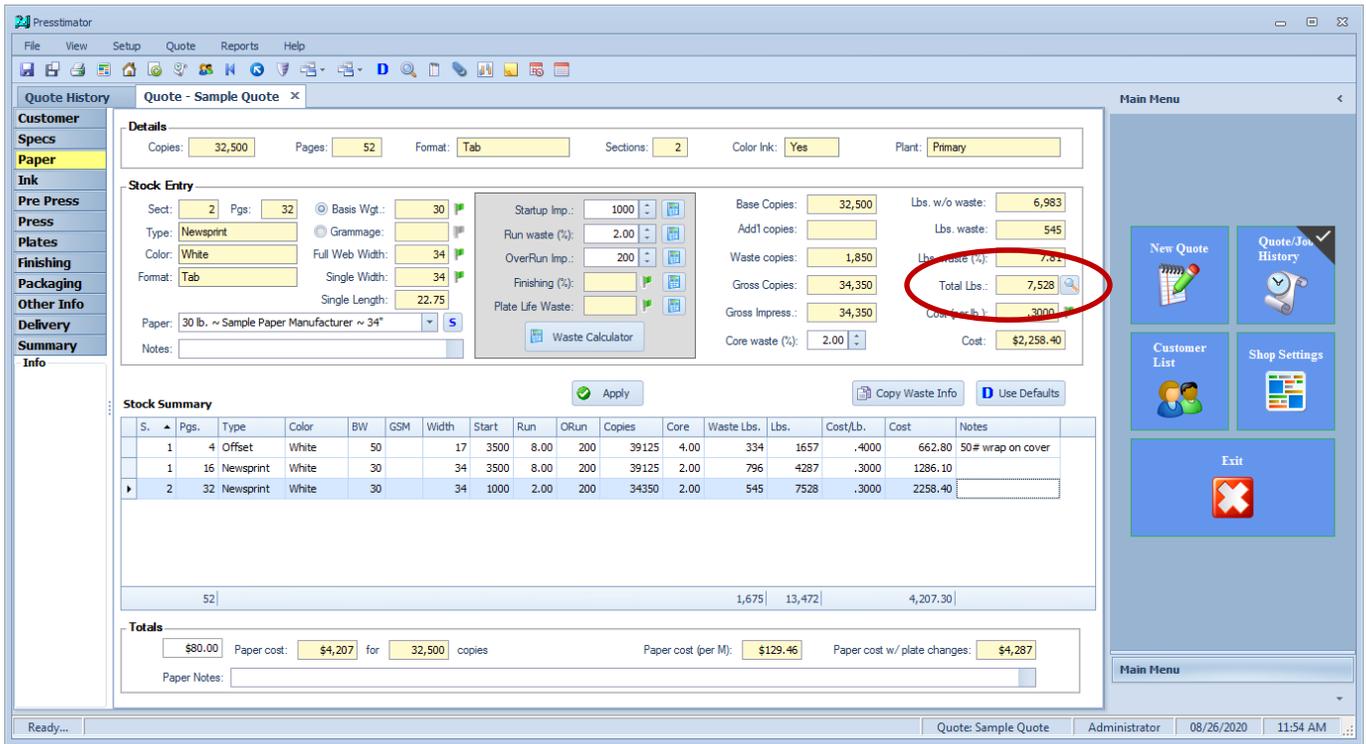
Clicking on the 'Load Defaults' button on the Press screen within a Quote identifies the matching Smart IPH that is also marked and loads the appropriate IPH to match the job specs.



Mark the checkbox for 'Use Press IPH from Quote Settings' and click Apply to have the value defaulted in the Quote.

The 'Load All Defaults' button in the Toolbar, Quick Quote or on the Specs screens will also default the IPH value to the Default indicated up on Smart IPH screen.

New Calculation of Rolls Needed to Print Each Section: The new calculation allows you to better estimate the number of rolls needed per job. The calculation of the number of rolls per Section now considers the number of webs required for the Section.



In this example, a total of 7,528 lbs. of Newsprint will be needed to print Section 2. In Shop Settings, we entered 1,800 lbs. as the average roll weight of this paper stock. Normally, this would calculate a need for only 5 rolls of paper. However, each of the 4 webs requires its own roll, so the Presstimator determines that 8 rolls will be used.



To get a comprehensive report of the number of rolls for all paper stocks included in a job, print the Materials Report for the Quote. The report displays the number of rolls required for each Section and selected Paper Stock.

Job: Sample Quote - Multiple Sections
No.: 002
Date:

Copies: 32,500 **Pages:** 52 **Format:** Tab **Sections:** 2 **Color Ink?** **Plant:** Primary

Paper (by Section)

S.	Pages	Type	Color	Manufacturer	BW	GSM	Width	Startup	Run Wst %	Over Run	Finish Wst %	*Copies	*Total Lbs.	*Rolls
1	4	Offset	White	Sample Paper Manufacturer	50		17 +	3,500	8.00	200	1.00	40,725	1,725	2
1	16	Newsprint	White	Sample Paper Manufacturer	30		34	3,500	8.00	200	1.00	40,725	4,462	3
2	32	Newsprint	White	Sample Paper Manufacturer	30		34	1,000	2.00	200	.00	34,350	7,528	5

+ indicates this stock is a partial web or may include a partial web
 * includes any additional amounts required by plate changes.

Paper Totals (by Web Width)

Total Pages	Type	Color	Manufacturer	BW	GSM	Width	Total Lbs.	Rolls Required	Rolls on Hand
48	Newsprint	White	Sample Paper Manufacturer	30		34	11,990	8	20
4	Offset	White	Sample Paper Manufacturer	50		17	1,725	2	5

Paper Totals

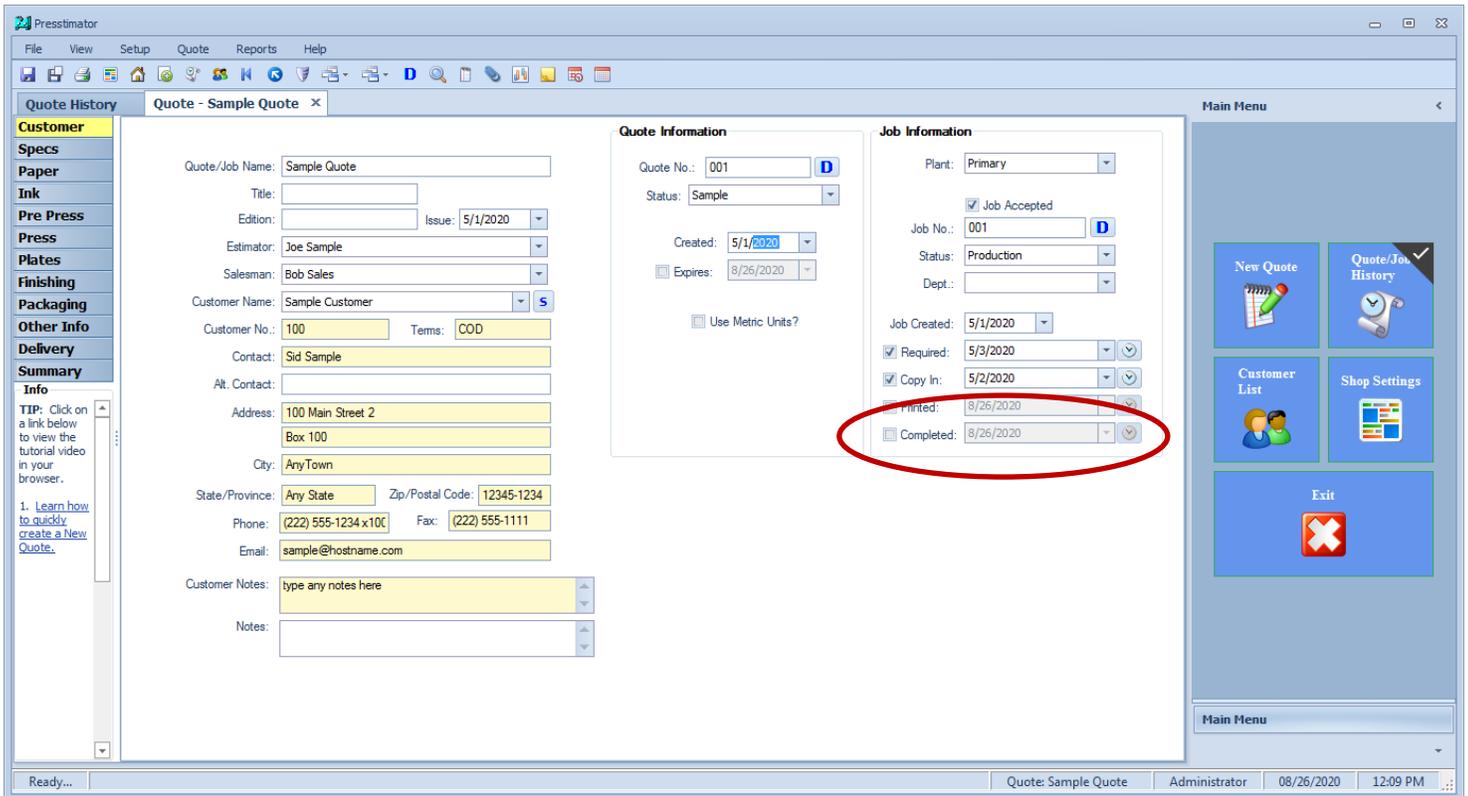
Total Pages	Type	Color	Manufacturer	BW	GSM	Width	Total Lbs.	Rolls Required	Rolls on Hand
48	Newsprint	White	Sample Paper Manufacturer	30		34	11,990	8	20
4	Offset	White	Sample Paper Manufacturer	50		17	1,725	2	5

+ indicates this stock is a partial web or may include a partial web

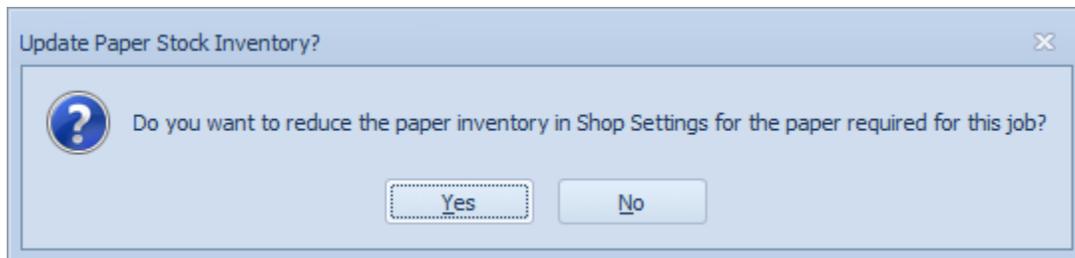
From the Materials Report, you can see that a total of 8 rolls of the selected Newsprint will be required to complete the product and that you have 20 rolls on hand.

Note: If you do not have enough rolls on-hand in Shop Settings for this Newsprint, the Auditor will include a warning message that you will need to order more paper.

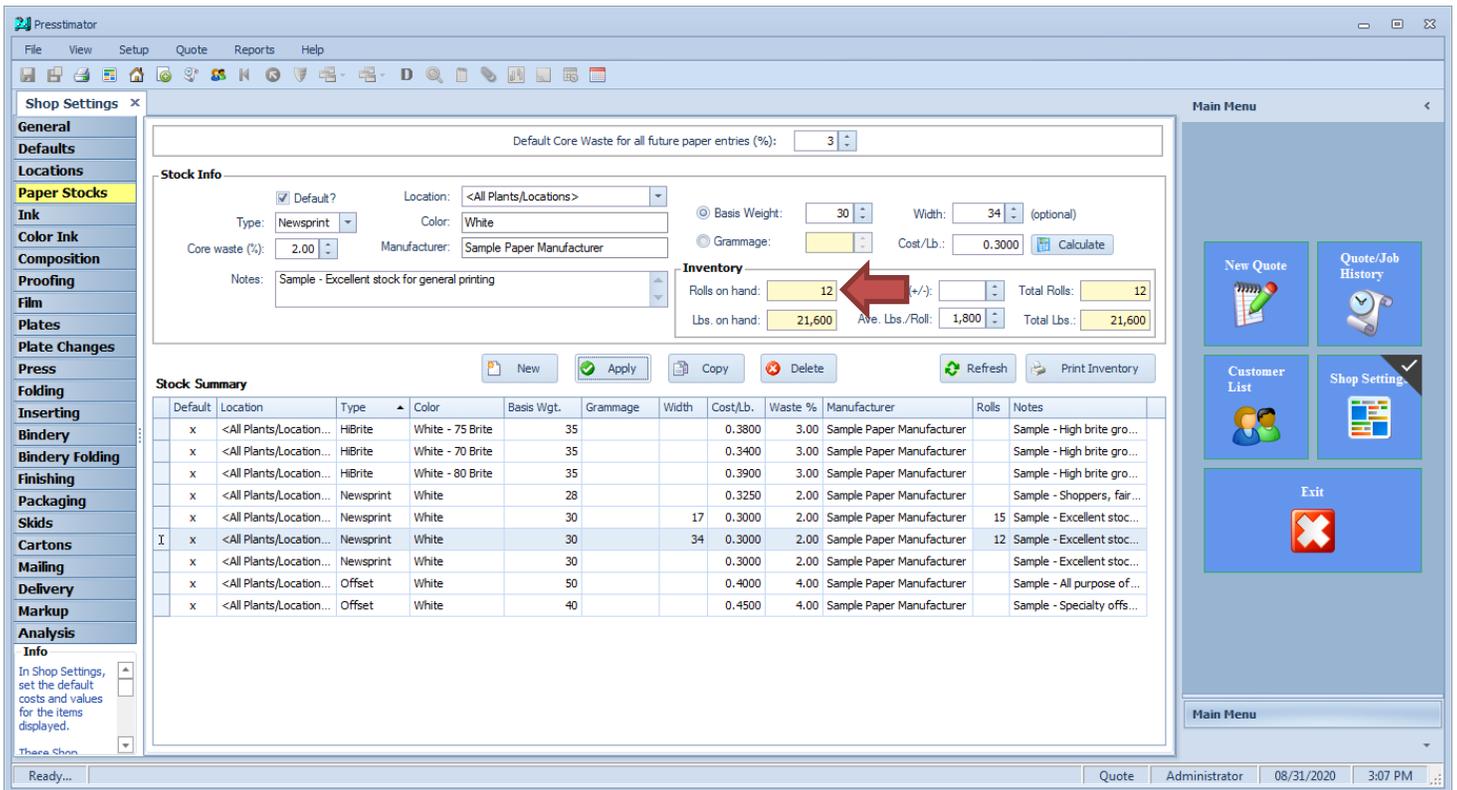
Paper Inventory Adjusted When Job is Completed: When marking a job as “Completed” with the checkbox on the Customer Tab, you can choose to have the number of rolls required for this job to be removed from the paper stock inventory in Shop Settings (rolls on hand).



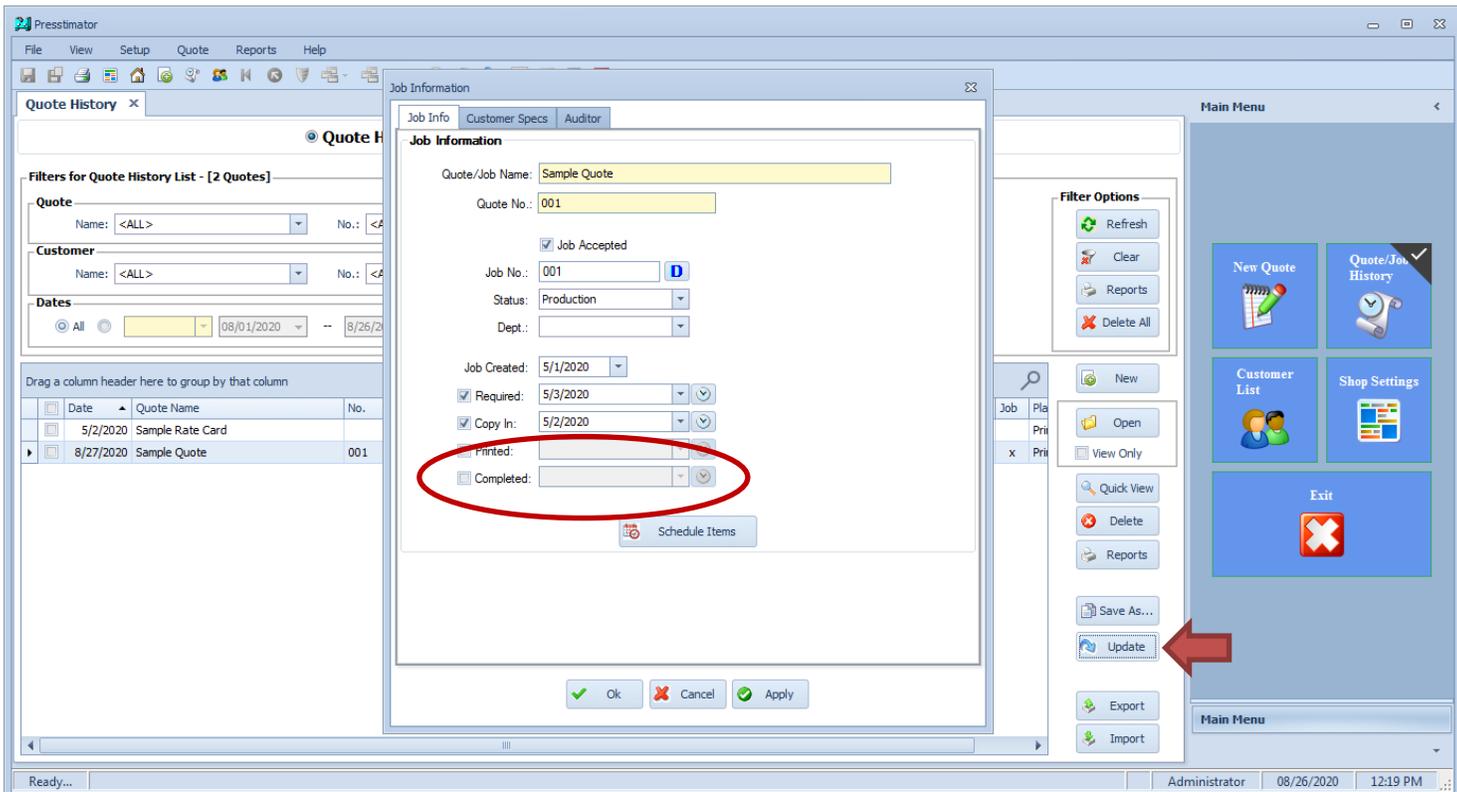
When the Yes button is selected, the number of rolls in Shop Settings will be updated for all of the stocks used in this job.



In our ongoing example, the job required a total of 8 rolls to be used and you originally had 20 rolls of this Newsprint in Shop Settings. If you indicated that you wanted to update paper inventory in Shop Settings when you marked the “Job Completed” checkbox, the number of rolls for this paper stock indicates that there are now 12 rolls on hand.



Note: The “Job Completed” button is available from within a Quote on the Customer Tab, or by pressing the “Update” button on the Quote/Job History screen to open the Job information screen.



Every time you navigate to a new section in Shop Settings, the current information is retrieved from the database and displayed on the screen. However, if you are currently viewing Shop Settings while another user makes changes to it at the same time, you would need to click the “Refresh” button to bring in the updated values. For example, if the Shop Settings – Paper Stocks screen is Open when the paper inventory is adjusted by another user, you will need to click the “Refresh” button to get the latest information from the database for inventory.

The screenshot shows the Pressbator software interface with the 'Shop Settings' window open. The 'Paper Stocks' section is active, displaying various settings and a table of paper stock items. The 'Refresh' button, located below the 'Inventory' section, is circled in red. The 'Main Menu' is visible on the right side of the screen.

Default Core Waste for all future paper entries (%): 3

Stock Info

Default? Location: <All Plants/Locations>

Type: Newsprint Color: White

Core waste (%): 2.00 Manufacturer: Sample Paper Manufacturer

Notes: Sample - Excellent stock for general printing

Inventory

Basis Weight: 30 Width: 34 (optional)

Grammage: Cost/Lb.: 0.3000 Calculate

Rolls on hand: 12 Rolls Adjust (+/-): Total Rolls: 12

Lbs. on hand: 21,600 Ave. Lbs./Roll: 1,800 Total Lbs.: 21,600

Stock Summary

Default	Location	Type	Color	Basis Wgt.	Grammage	Width	Cost/Lb.	Waste %	Manufacturer	Rolls	Notes
x	<All Plants/Location...	HiBrite	White - 75 Brite	35			0.3800	3.00	Sample Paper Manufacturer		Sample - High brite gro...
x	<All Plants/Location...	HiBrite	White - 70 Brite	35			0.3400	3.00	Sample Paper Manufacturer		Sample - High brite gro...
x	<All Plants/Location...	HiBrite	White - 80 Brite	35			0.3900	3.00	Sample Paper Manufacturer		Sample - High brite gro...
x	<All Plants/Location...	Newsprint	White	28			0.3250	2.00	Sample Paper Manufacturer		Sample - Shoppers, fair...
x	<All Plants/Location...	Newsprint	White	30		17	0.3000	2.00	Sample Paper Manufacturer	15	Sample - Excellent stoc...
x	<All Plants/Location...	Newsprint	White	30		34	0.3000	2.00	Sample Paper Manufacturer	12	Sample - Excellent stoc...
x	<All Plants/Location...	Newsprint	White	30			0.3000	2.00	Sample Paper Manufacturer		Sample - Excellent stoc...
x	<All Plants/Location...	Offset	White	50			0.4000	4.00	Sample Paper Manufacturer		Sample - All purpose of...
x	<All Plants/Location...	Offset	White	40			0.4500	4.00	Sample Paper Manufacturer		Sample - Specialty offs...

Main Menu

- New Quote
- Quote/Job History
- Customer List
- Shop Setting
- Exit

Ready... Quote Administrator 08/31/2020 3:07 PM

Multiple Tax Rates for Customer: You may now enter multiple tax rates that apply to jobs produced and sold in your area to have an accurate tax totaled on the invoice. Click the 'Tax Rates' button on the Company Information screen from the Setup menu.

The screenshot shows a 'Company Information' dialog box with the following fields: Name (My Company Name), Address (My Address), City (City), State/Province (ST), Zip/Postal Code (Zip), Phone No., Fax No., and E-mail (youremail@domainname.com). The 'Tax rate' field is set to 0.00. A 'Tax Rates' button with a multi-colored icon is circled in red. At the bottom are 'Ok' and 'Cancel' buttons.

Enter all tax rates to apply to jobs produced in your shop. In this example, there is a State Tax of 4.5% and Local Taxes for two Counties in which products are sold. The tax rate for County #1 is 2.1% and the tax rate for County #2 is 2.2%. Set up as many entries necessary for the tax rates in your area.

The screenshot shows a 'Tax Rates' dialog box. The 'Tax Rates Entry' section has a 'Name' field with 'State Tax' and a 'Rate' field with '4.50 %'. Below this are 'New', 'Apply', 'Copy', and 'Delete' buttons. The 'Tax Rates Summary' section contains a table:

Name	Pct
Local Tax - County 1	2.10
Local Tax - County 2	2.20
State Tax	4.50

At the bottom is a 'Close' button.

Customer Information

General Billing Shipping

Customer Name: Sample Customer Customer No: 100

Contact Name: Sid Sample

Address: 100 Main Street 2
Box 100

City: AnyTown State/Province: Any State Zip/Postal Code: 12345-1234

Phone No.: (222) 555-1234 x100 Fax No.: (222) 555-1111 Mobile No.:

E-Mail: sample@hostname.com

Terms: COD Add'l Charges: 50.00 Markup Scheme: Sample - General 25% Profit

Salesman: Bob Sales

Tax Rates

Customer is non-Taxable?

State Tax: 4.50 % Local Tax - County: 2.10 %

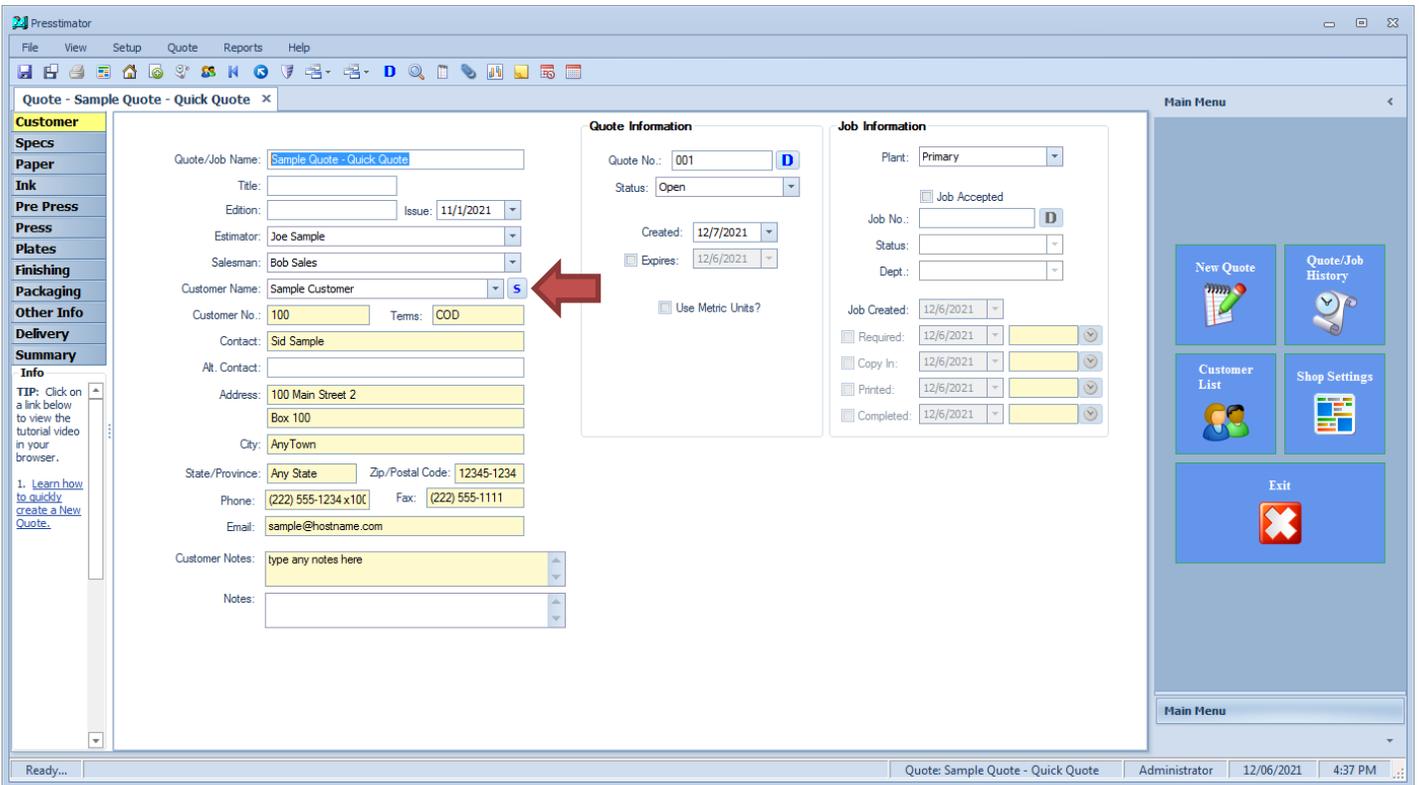
Notes:

Ok Cancel Apply

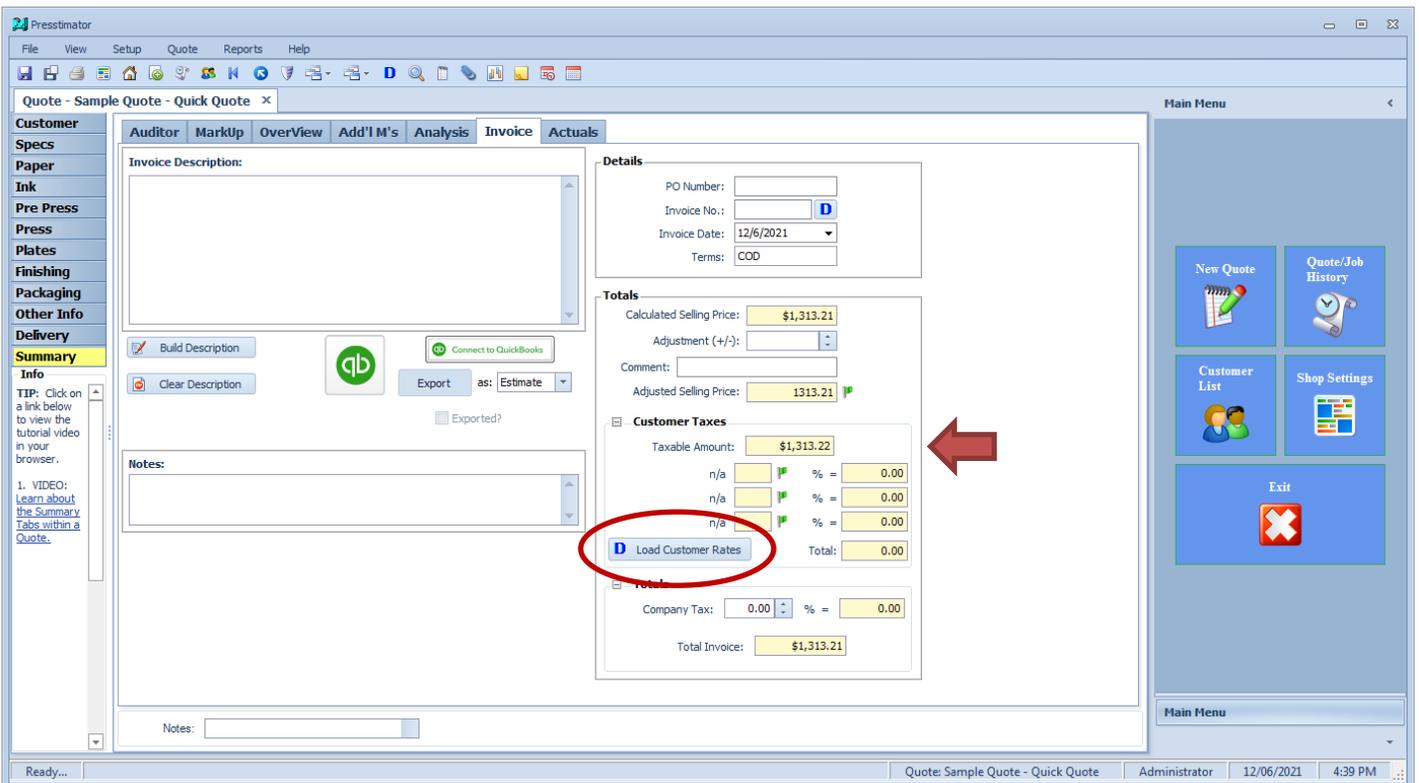
To apply the required tax rates to a given customer, open the Customer Information screen for a customer and navigate to the Billing screen. In the 'Tax Rates' portion of the screen, select up to three tax rates for the selected customer. In this example, 'State Tax' is selected in the first dropdown and 4.5% is imported into the first rate field. 'Local Tax - County 1' is selected in the second dropdown, and 2.1% is imported into the second rate field. When selecting this Customer in a Quote, these tax fields will be automatically imported into the Invoice screen, and the total tax amount will be calculated.

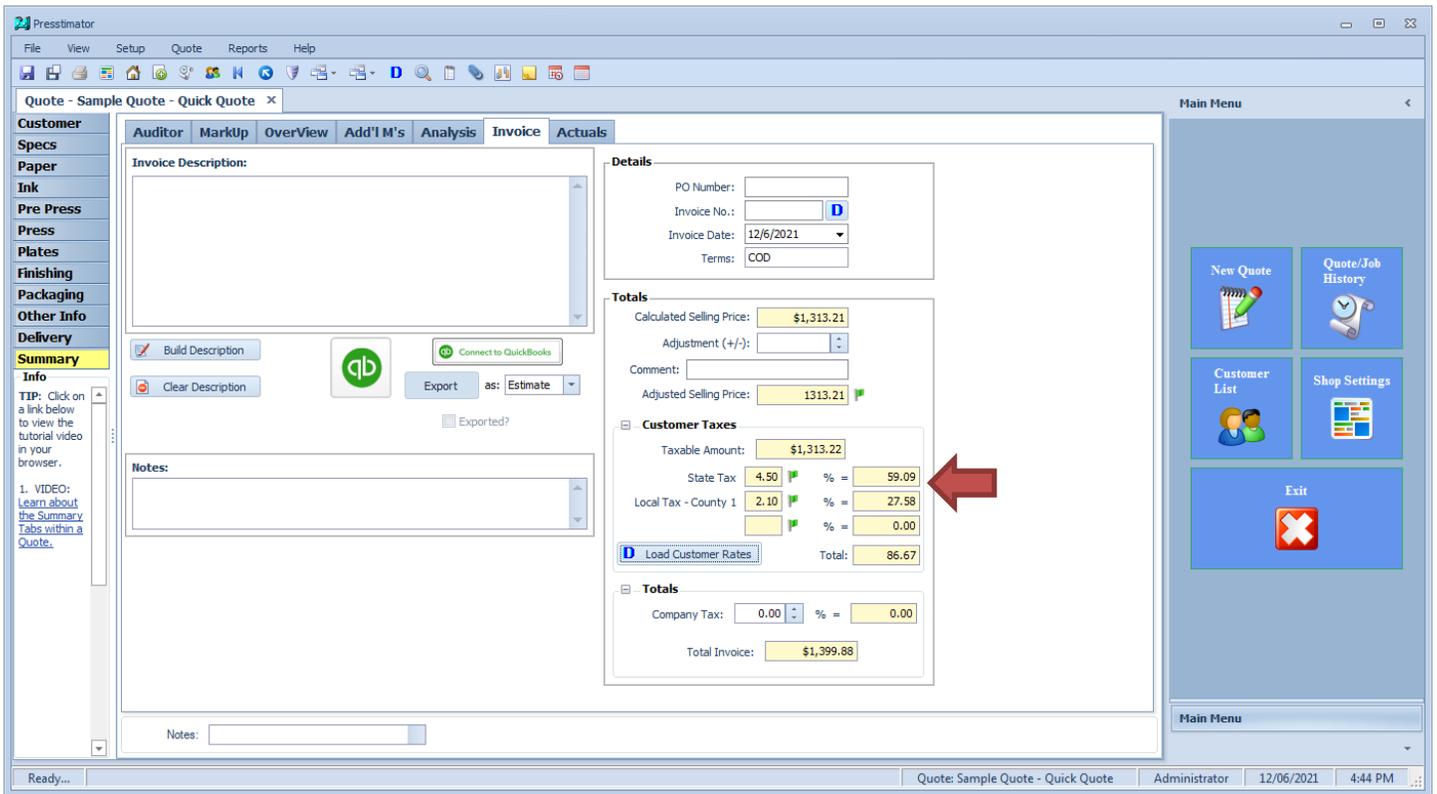
Note: You can also specify if the customer is non-Taxable. If this checkbox is marked, no taxes will be calculated on the invoice screen for this customer.

Select the customer name from the dropdown on the Customer screen within a Quote.



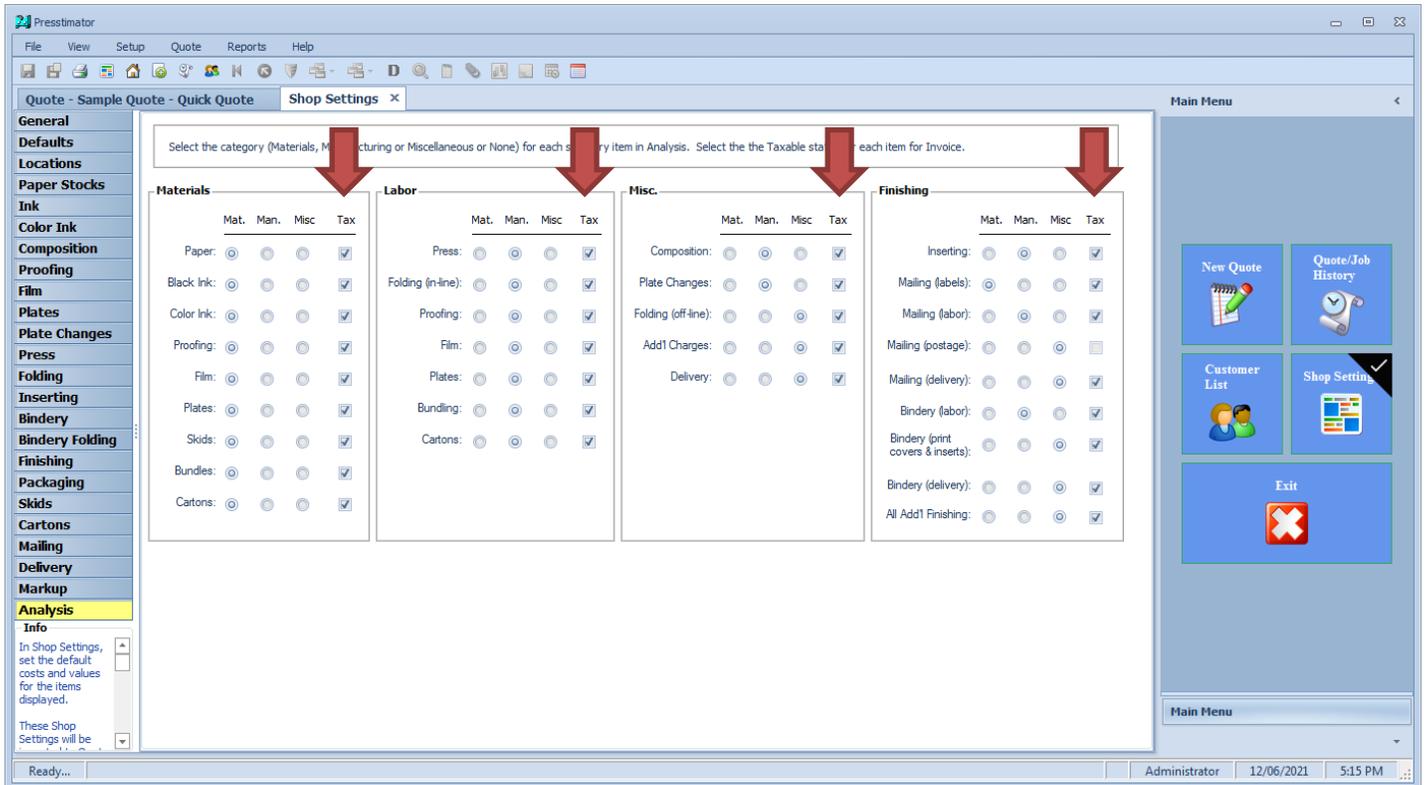
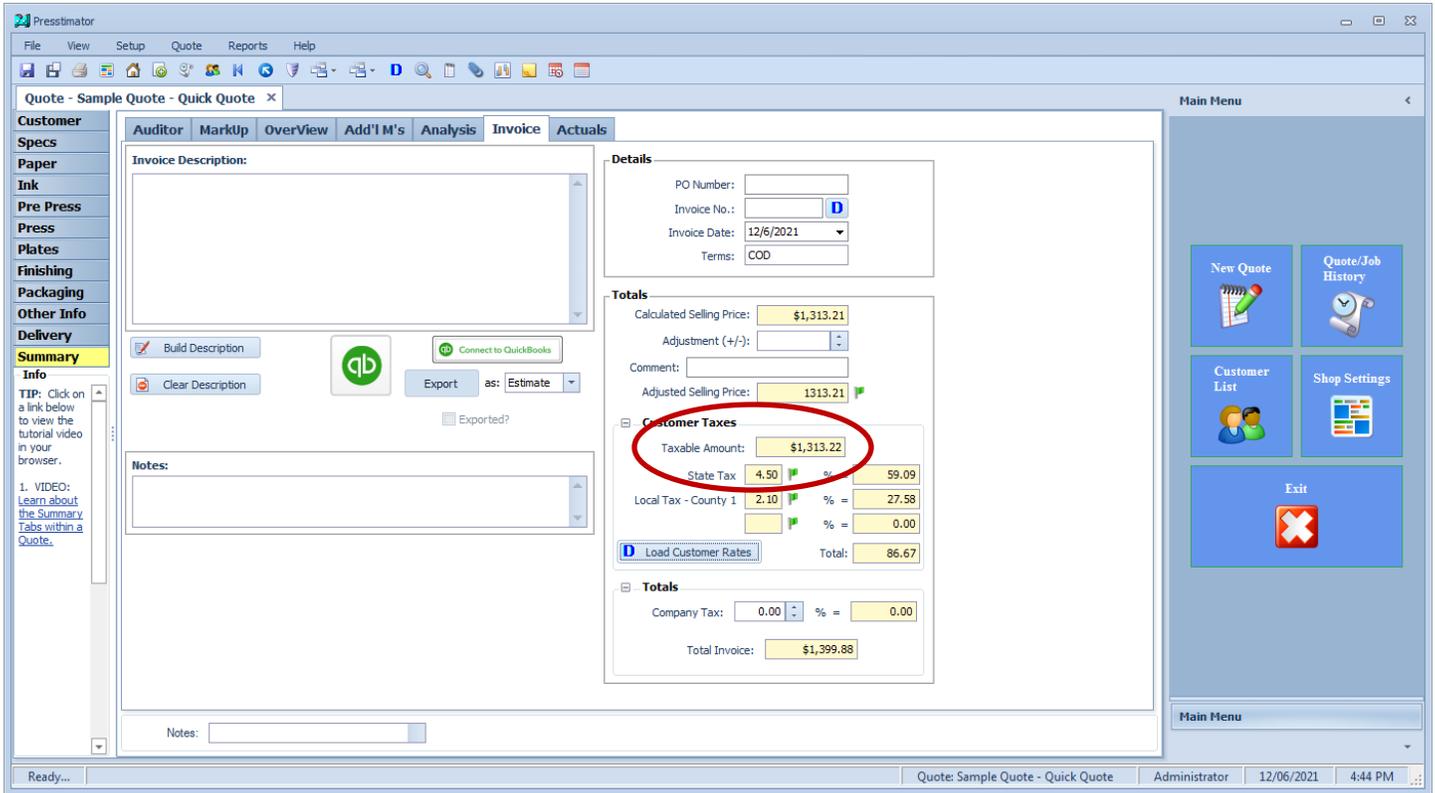
On the Invoice screen within a Quote, the 'Customer Taxes' portion of the screen will import the three tax rates entered on the Customer Information screen for the selected customer. If the tax rates are not automatically displayed, or needs to be updated, click on the 'Load Customer Rates' screen to import the values.



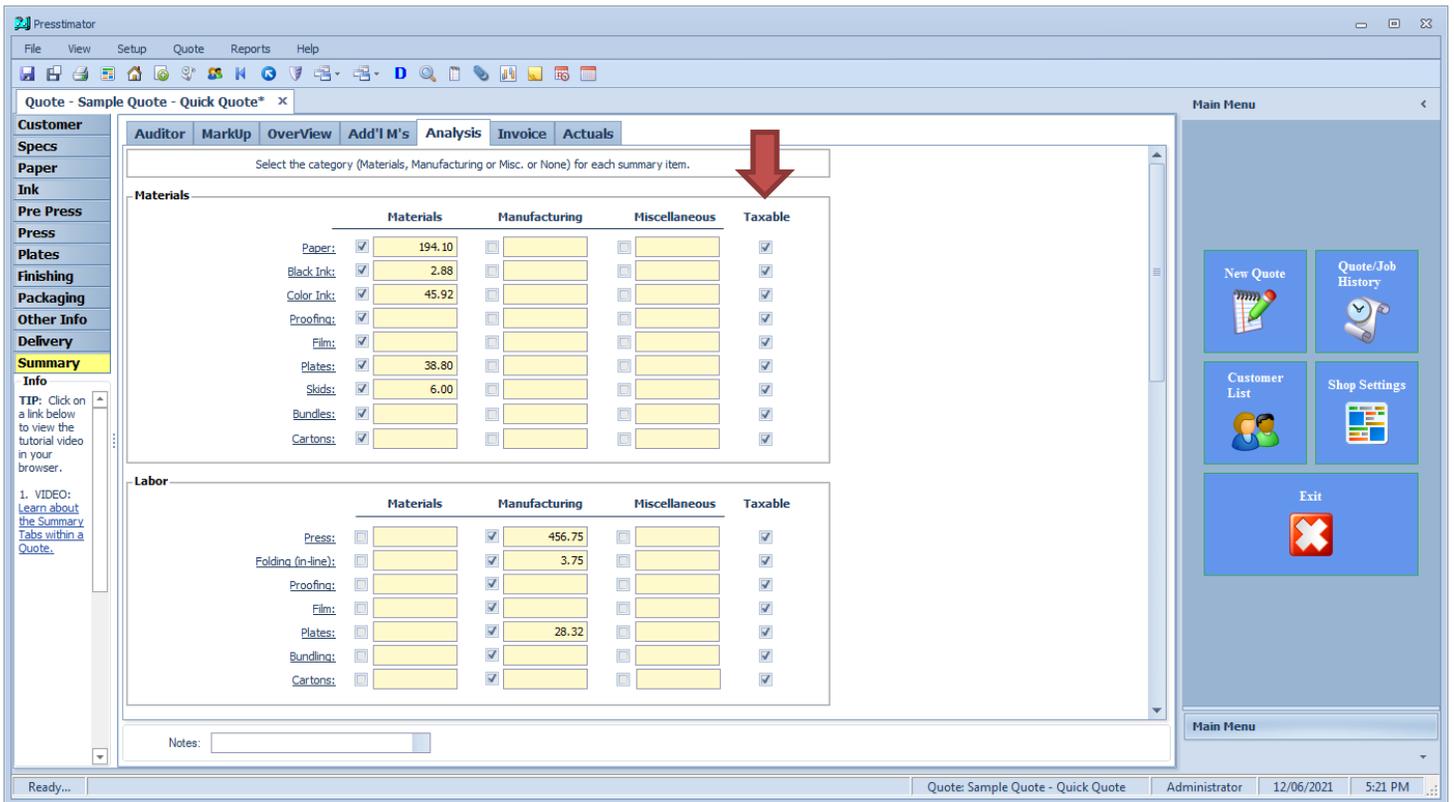


In our example, the 'State Tax' of 4.5% and 'Local Tax – County 1' of 2.1% is imported into the appropriate fields and the total tax for the Quote based on the 'Taxable Amount' is calculated.

Taxable Amount on Invoice: The 'Taxable Amount' calculated on the Invoice screen is based on the tax attribute of each line-item throughout a Quote.

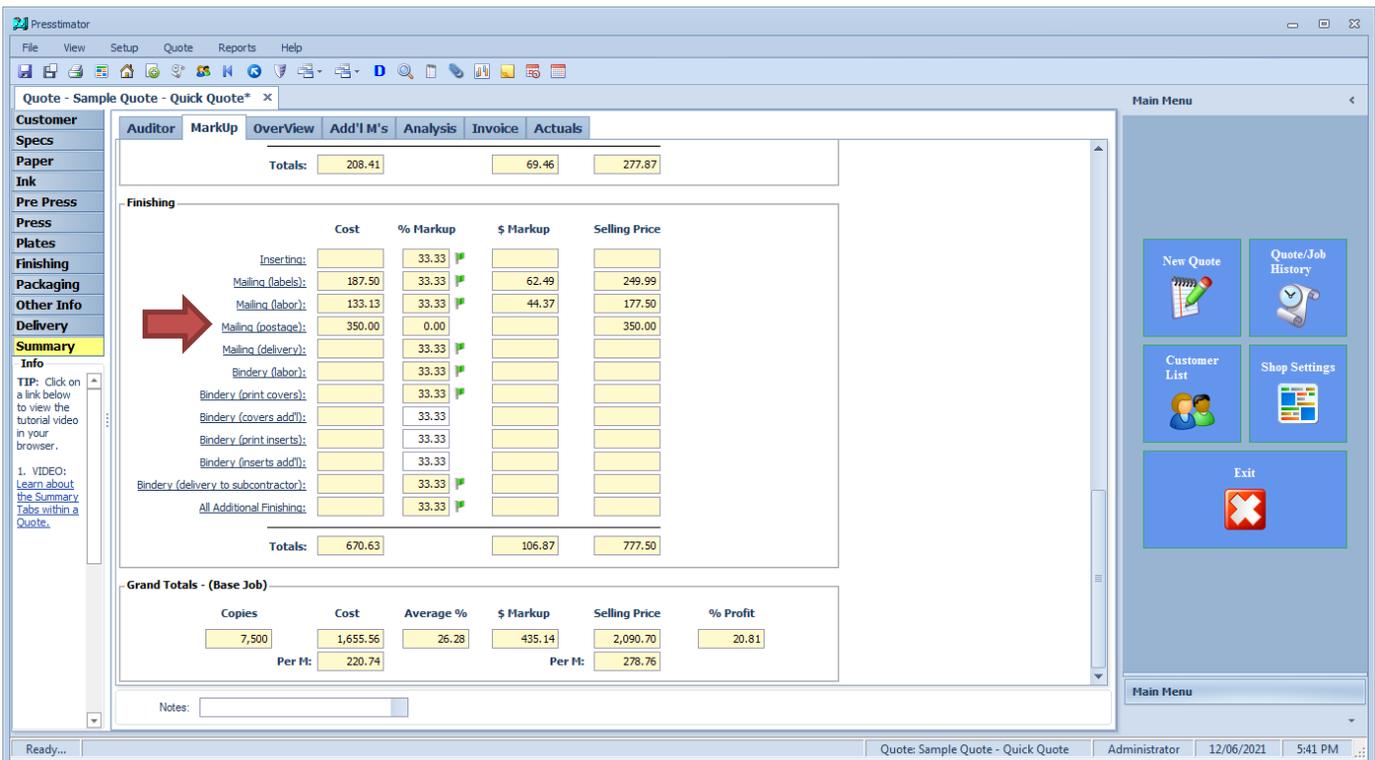
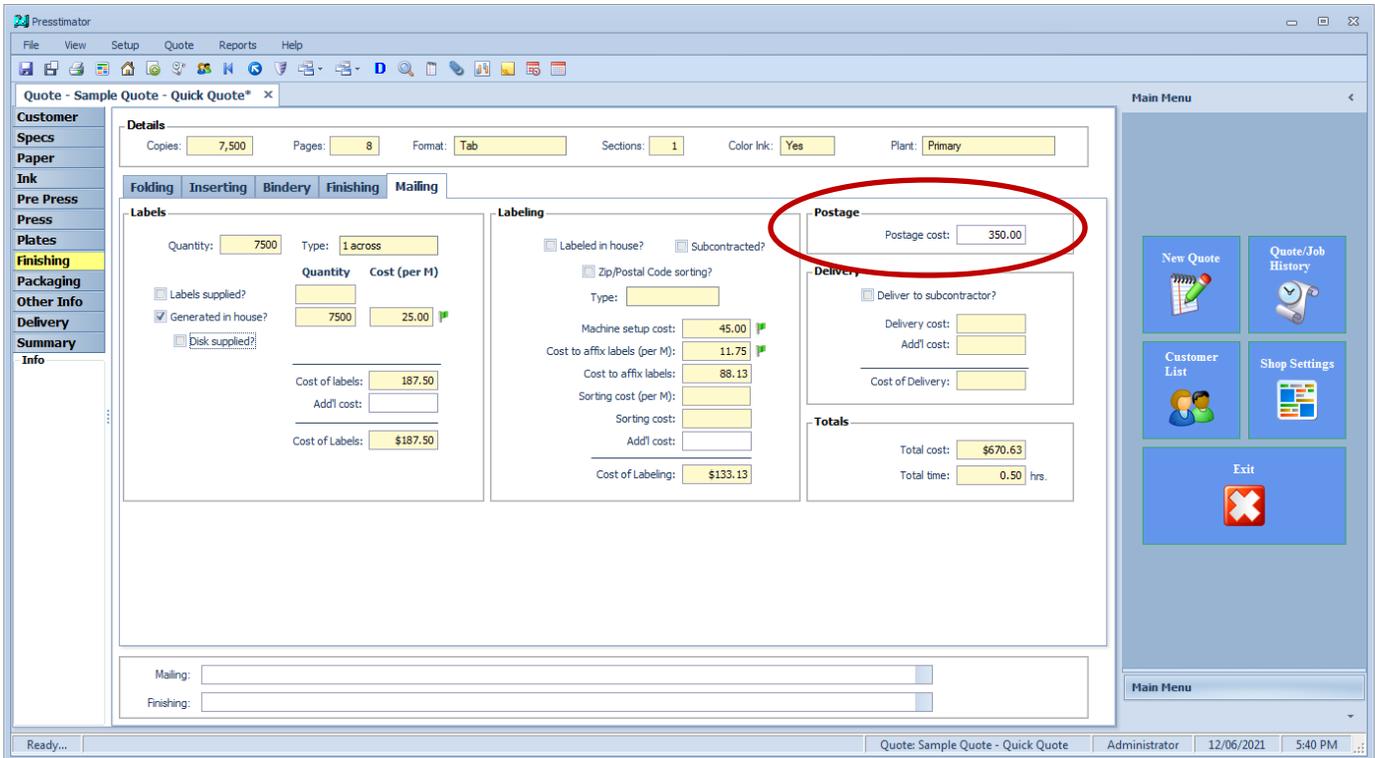


On the Analysis screen in Shop Settings, mark the checkboxes for each component of a job that is a taxable item. The selling price of these items will be included in the Taxable Amount on the Invoice screen.



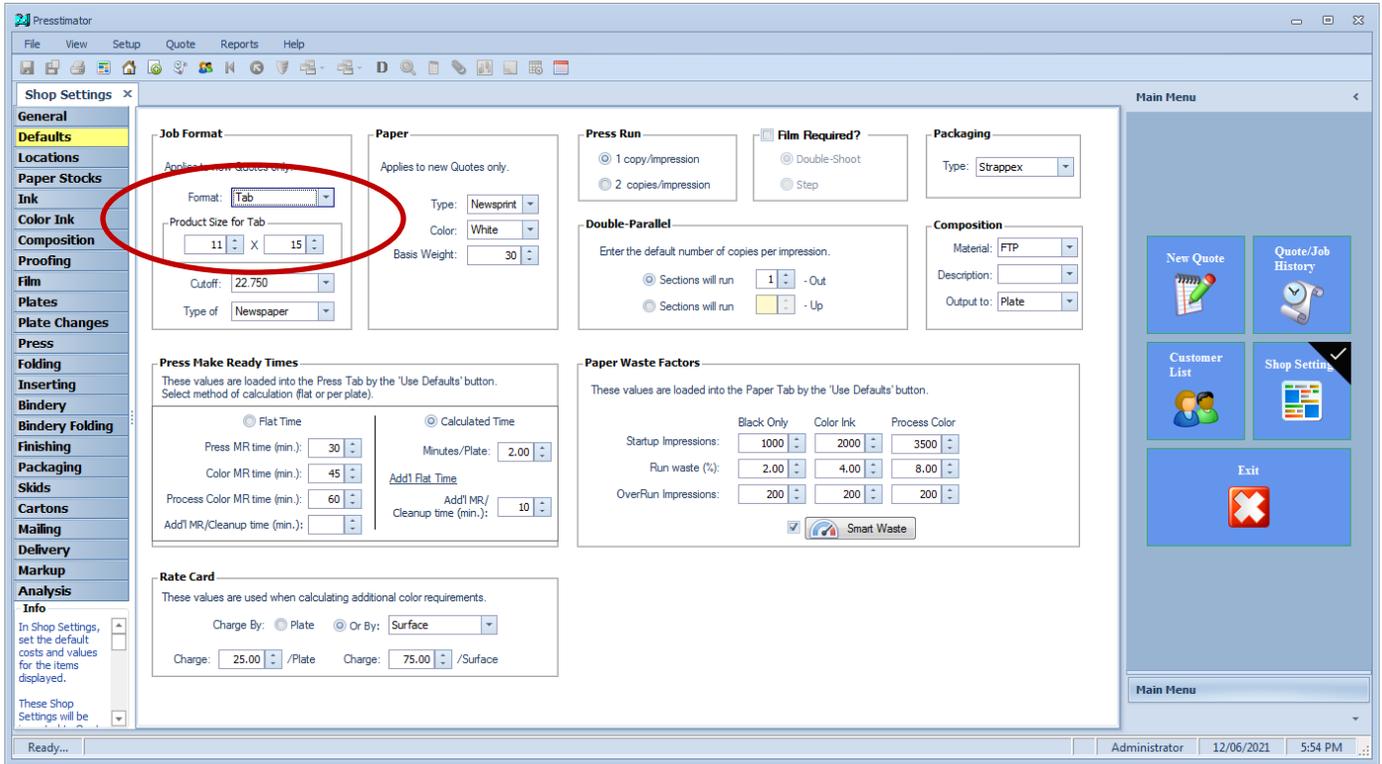
If you want to change the taxable status of specific line-items for just a single Quote (instead of adjusting in Shop Settings), mark the 'Taxable' checkboxes on the Analysis screen in Summary. These checkboxes are automatically defaulted to the status set in Shop Settings when creating a New Quote. Changing the checkbox status for any item adjusts the Taxable Amount calculated on the Invoice screen, for this Quote only.

Postage Costs: The cost of postage has been added to the Mailing screen within a Quote.

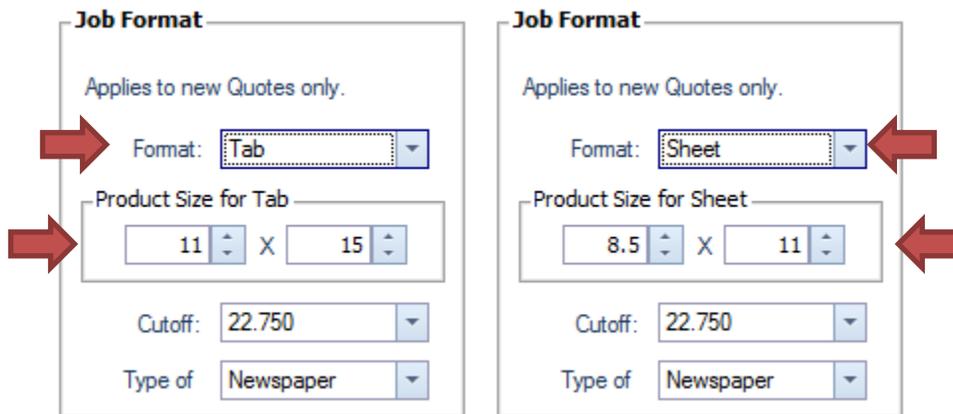


The Markup screen in Summary includes a separate line-item for postage costs, and the '% Markup' field is disabled to prevent marking up postage costs. The Selling Price for the postage must be the same as your Cost for postage.

Product Size Defaults: To save time spent preparing an estimate, you can enter a default Product Size for each Job Format.



On the Defaults screen in Shop Settings, select a Job Format and enter a 'Product Size' for the selected choice. When creating a New Quote, the default Product Size will be used.



In this example, the default product size for a 'Tab' is 11 x 15 while the default product size for a 'Sheet' is 8.5 x 11.

Job Information

No. Copies: 7500 Type of Job: Newspaper Product Size: 11 X 15 Sections: 1

Total no. of pages: 8 Format: Tab Web Width: 34 Cutoff: 22.750 Frequency: |

Notes:

When creating a New Quote that has a 'Tab' Format, the 'Product Size' field is set to the default value from Shop Settings.

Quick Quote

General

No Copies: 10000 Product Size: 11 X 15

Total no. of Pages: 8 Cutoff: 22.750

Format: Tab Location: Coldset Pressroom

Pages in Sections

S1 Pages: 8 S2 Pages: S3 Pages: S4 Pages: Inserted?

Paper

Paper: 30 lb. ~ Newsprint ~ White ~ Sample Paper Manufacturer ~ 34" S

Type: Newsprint Color: White Width: 34

Basis Weight: 30 Grammage:

Folding

Fold 1/2 Fold 1/4 Double-Parallel Other Fold

Color Ink

Color? All Pages? 8 Pages Type: Process color Color: S

Composition

All Pages? Disk Supplied? FTP? Email? Edit required?

Proofing

Proofing? Press Proofs All Pages? No. Pages: 8

Bindery

Binding? Finished Size: X

Finishing

Finishing? Onserting Quantity: 10000

Mailing

Mailing? Quantity: Supplied? In house? Sorting?

Packaging

Skids? 10000 Bundles? \bundle Cartons? \carton

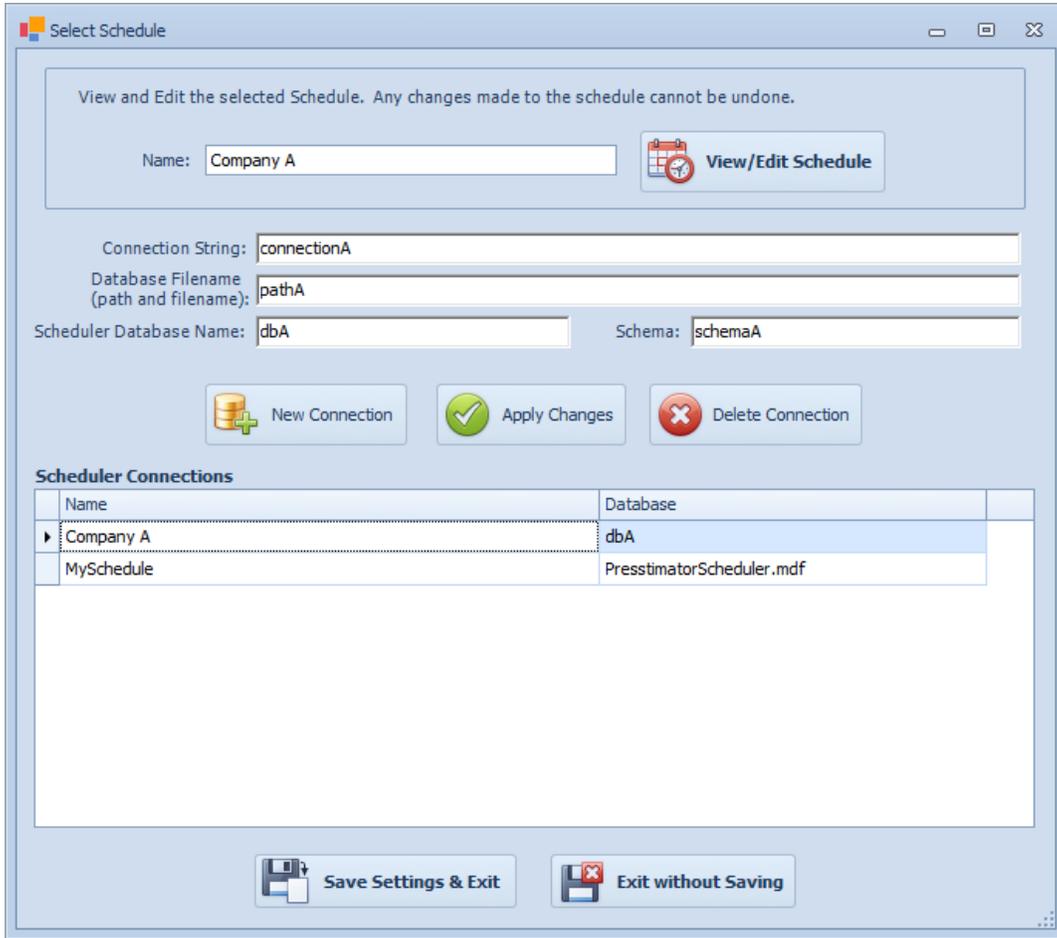
Delivery

Customer pickup? Delivery? Ship to customer? Office Copies:

Load All Defaults on Apply

The same defaults are imported when creating a New Quote using Quick Quote.

Scheduler Dashboard Application: If you have multiple plants and want to view the schedule for each plant, use the new Scheduler Dashboard Application.



After setting up the database connection information for each plant, click the View/Edit Schedule button to view each selected plant's schedule.

