

Digital Printer/Copier

A digital printer/copier must be created in the “Digital Printer/Copier” category.

This section focuses on the data fields unique to a digital printer setup. For information on the other fields, please see “Service Setup – General Properties” in this chapter.

Service No: 5 - Category No: 301 - Category Name: Printer - Category Type: Digital Printer/Copier

Service Printer: Copier - Blk & Wht Active

General Properties

Service Name: Copier - Blk & Wht Sales Dept: Digital - B&W
 Invoice Name: ~ Colors / Side: Digital (1 click/side of RunSize)
 PopUp Reminder:
 Default Note:

Pricing Properties

Quantity: Impressions
 Round-up to: 0
 Waste...: --- No Paper Waste ---
 Time...: Calculate time from #impressions (clicks) using 'Colors/'
 Cost: Time Cost + Material Cost
 Cost / Hour \$: 60.00
 Multiplier...: 0
 Price: Use Price Table
 Markup...: % or #
 0
 Adjust...: Bid Rush Special Multiply Markup
 0.75 1.5 2
 Minimum Price: 0.00 Modified...: 8/ 6/2012

Setup Table

Per	Minutes	Mat.Cost	Setup Price
Lot (1)	5.00		10.00
Page/Set	0.25		

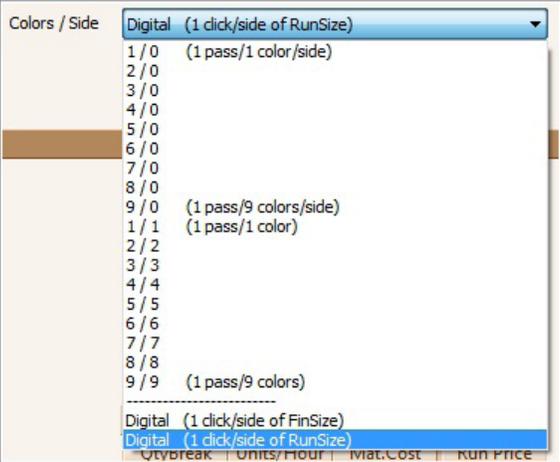
Run Table

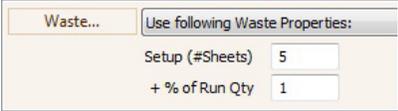
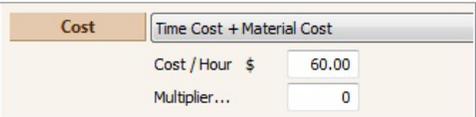
QtyBreak	Units/Hour	Mat.Cost	Run Price
1	3500.00	5.00	

Mat.Costs and Run Prices are: Per M (1000)
 Method between QtyBreaks: Step

Note

More Service Properties...

Field Name	Description
<p>Colors/Side</p>  <p>The screenshot shows a dropdown menu for 'Colors / Side'. The menu is open, displaying a list of options. At the top, 'Digital (1 click/side of RunSize)' is selected. Below it are options for 1/0 through 9/0, followed by 1/1, 2/2, 3/3, 4/4, 5/5, 6/6, 7/7, 8/8, and 9/9. At the bottom, there are two 'Digital' options: 'Digital (1 click/side of FinSize)' and 'Digital (1 click/side of RunSize)'. The bottom of the menu shows a table header with columns: Qty/Break, Units/Hour, Mat. Cost, and Run Price.</p>	<p>Click the arrow and select one of the two “Digital” options.</p> <p>Digital (1 click/side of FinSize)</p> <p>Select this option if you want to charge one click price for each printed <u>page of the finish size</u> sheet, even if you may run the job multiple-up.</p> <p>EXAMPLE:</p> <p>500 flyers; 2 sided; printed 2-up; click charge is \$0.03</p> <p>Total printed finish size pages = 2 * 500 = 1,000.</p> <p>Printer’s Plan will charge:</p> $1,000 * 0.03 = \$30.00$ <p>although total number of actual clicks is:</p> $2 \text{ sides} * 500 / 2 = 500 \text{ clicks}$ <p>Digital (1 click/side of RunSize)</p> <p>Select this option if you want to charge one click price for each printed <u>page of the run size</u> sheets, regardless of the total number of printed pages of finish size sheets.</p> <p>IN THE ABOVE EXAMPLE:</p> <p>Total number of clicks = 2 sides * 500 / 2 = 500.</p> <p>(500 is divided by 2 because the job is run 2-up)</p> <p>Printer’s Plan will charge:</p> $500 * 0.03 = \$15.00$ <p>NOTE: If you choose this option, you may want to set up your copier multiple times: one for 1-up, another for 2-up, and so on, each with a different price table, to achieve the various prices you want.</p>
<p>Quantity</p>  <p>The screenshot shows a dropdown menu for the 'Quantity' field. The menu is open, displaying two options: 'Quantity' and 'Impressions'. The 'Quantity' option is currently selected.</p>	<p>This field is locked and no other selection is allowed. Printer’s Plan will base the quantity of this Service on the number of impressions (clicks). It will then use the selection in the Colors/Side field to adjust the Service quantity for pricing.</p>

<p>Waste...</p>	<ul style="list-style-type: none"> If this printer incurs waste, select one of the Waste options from the pull-down list. The typical selection is "Use following Waste Properties".  <p>The following shows how the total paper quantity will be calculated based on the figure above:</p> <p>500 flyers; run 2-up</p> <p>Net run size sheets = $500 / 2 = 250$</p> <p>Setup waste = 5</p> <p>Run waste = $250 * 0.01 = 3$ (rounded up to whole number of sheets)</p> <p>Total number of run size sheets required for the job = $250 + 5 + 3 = 258$</p> <ul style="list-style-type: none"> If this printer does not incur waste, select "----No Paper Waste----".
<p>Time...</p> 	<p>No other selection is available in this field. The displayed information informs the user that the time for this copier will be calculated based on the selection in the Colors/Side field.</p> <p>EXAMPLE:</p> <p>3,500 flyers; 1 side; run 2-up; printer speed is 3,500</p> <p>If "Digital (1 click/side of FinSize)" is selected in the Colors/Side field:</p> <p>Run time = $3500 / 3500 \text{ clicks/hr} = 1 \text{ hour}$</p> <p>If "Digital (1 click/side of RunSize)" is selected in the Colors/Side field:</p> <p>Run time = $(3500 / 2 \text{ up}) / 3500 \text{ clicks/hr} = 0.5 \text{ hour}$</p>
<p>Cost</p> 	<p>The typical selection for digital printers is "Time Cost + Material Cost": Time Cost for the printer and Material Cost for the cost per click paid to the printer vendor.</p> <p>Enter the Time cost in the Cost/Hour field as the budgeted</p>

Cost	Time Cost + Material Cost
Cost / Hour \$	60.00
Multiplier...	0

hourly cost of the printer. Since the time cost is already assigned, a value is not needed in the **Multiplier...** field.

Enter the cost/click in the **Mat.Cost** column of the **Run Table**. (See the **Run Table** field explanation in this section.)

Price

Price	Use Price Table
Markup...	--- No Price ---
	Ask
	Cost + Markup
	Use Price Column of Setup and Run Tables
Adjust...	Use Price Table
	Div
	Rush
	Special
	Multiply Mark

	Price Table
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A digital printer/copier can be set up using any one of the options in this field. The typical selection is "Use Price Table".

If you select the "Use Price Table" option, you must set up a corresponding price table by clicking the Price Table button on the left pane. (To learn how to set up a price table, please read "Price Table" in this chapter.)

Setup Table

Setup Table			
Per	Minutes	Mat.Cost	Setup Price
Lot (1)	5.00		10.00
Page/Set	0.25		

Add setup time as needed. The total setup time will be added to the total run time to calculate the time cost for the printer.

Lot (1) setup time will be added to the job for one time.

Page/Set time will be multiplied by the number of pages in one set.

NOTE: If "Use Price Table" is selected in the **Price** field, the **Setup Price** column of the **Setup Table** will be enabled to allow for a setup price to be added to the prices in the **Price Table**.

Run Table

Run Table			
QtyBreak	Units/Hour	Mat.Cost	Run Price
100	2800.00	5.00	
500	3000.00	5.00	
501	3100.00	5.00	

Mat. Costs and Run Prices are

Per M (1000) ▾

Method between QtyBreaks

Linear ▾

Enter the printer speed (clicks per hour) in the **Units/Hour** column of the **Run Table**.

If you want to increase the printer speed as the click quantity increases, set up the table similar to the one shown. The quantities in the **QtyBreak** column of the column are the numbers of clicks.

In the **Mat.Cost** column, enter the cost per click. Since this field is limited to two decimal places, a cost lower than one cent must be entered in dollars per thousand clicks.

EXAMPLE:

In the **Run Table** figure on the left, the cost is \$0.005 per click.

Diff. Table

Use the Difficulty Table to adjust the printer setup time, run speed, and paper waste for job difficulties, such as run size and ink coverage, and for various types of paper. *(To learn how to set up a difficulty table, please read "Difficulty Table" in this chapter.)*