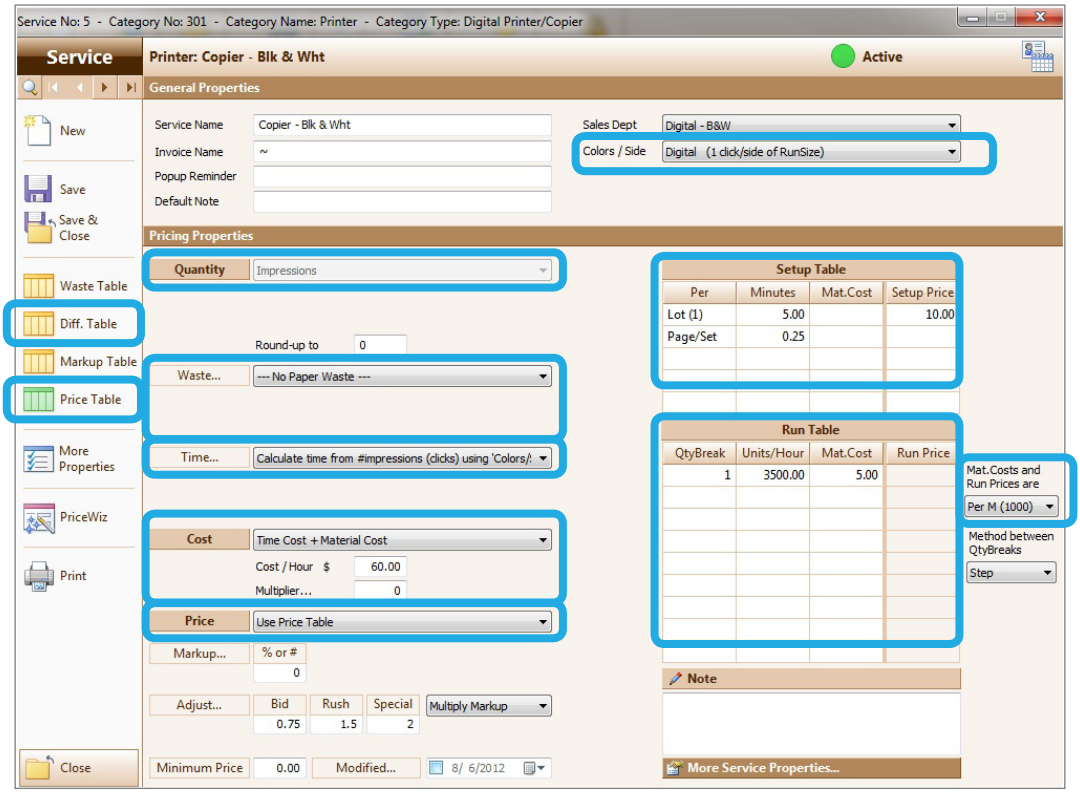
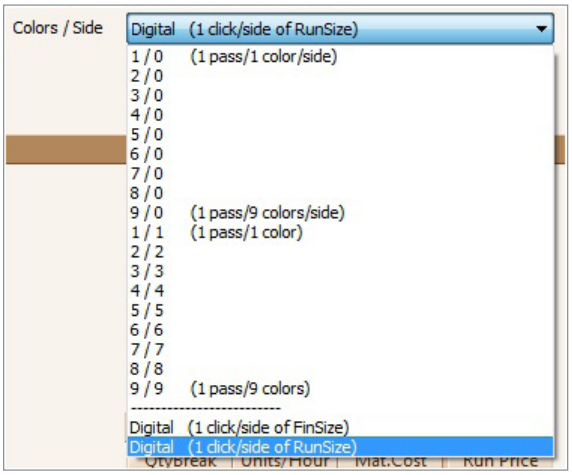
X.1 | Digital Printer/Copier

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

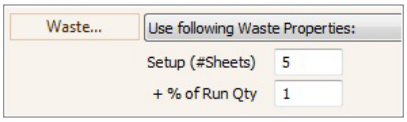
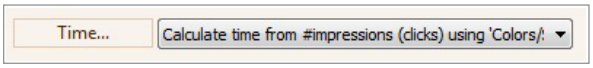
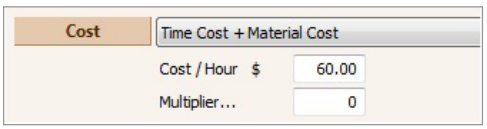
This section focuses on the data fields unique to a digital printer setup. For information on the other fields, please see "Service Setup – General Properties" in this chapter.

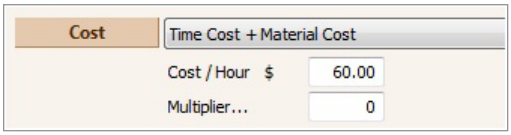


X.1 | Digital Printer/Copier

Field Name	Description
Colors/Side 	Click the arrow and select one of the two "Digital" options. **Digital (1 click/side of FinSize)** Select this option if you want to charge one click price for each printed page of the finish size sheet, even if you may run the job multiple-up. ***EXAMPLE:*** 500 flyers; 2 sided; printed 2-up; click charge is $0.03 Total printed finish size pages = 2 * 500 = 1,000. Printer's Plan will charge: 1,000 * 0.03 = $30.00 *although total number of actual clicks is:* *2 sides * 500 / 2 = 500 clicks* **Digital (1 click/side of RunSize)** Select this option if you want to charge one click price for each printed page of the run size sheets, regardless of the total number of printed pages of finish size sheets. ***IN THE ABOVE EXAMPLE:*** Total number of clicks = 2 sides * 500 / 2 = 500. *(500 is divided by 2 because the job is run 2-up)* *Printer's Plan will charge:* *500 * 0.03 = $15.00* ***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.*
Quantity 	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.

X.1 | Digital Printer/Copier

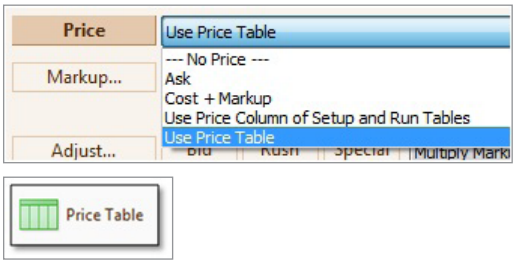
Waste…	• If this printer incurs waste, select one of the Waste options from the pull-down list. The typical selection is "Use following Waste Properties".  The following shows how the total paper quantity will be calculated based on the figure above: 500 flyers; run 2-up Net run size sheets = 500 / 2 = 250 Setup waste = 5 Run waste = 250 * 0.01 = 3 (rounded up to whole number of sheets) Total number of run size sheets required for the job = 250 + 5 + 3 = 258 • If this printer does not incur waste, select "---No Paper Waste---".
Time… 	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. ***EXAMPLE:*** 3,500 flyers; 1 side; run 2-up; printer speed is 3,500 If "Digital (1 click/side of FinSize)" is selected in the **Colors/Side** field: Run time = 3500 / 3500 clicks/hr = 1 hour If "Digital (1 click/side of RunSize)" is selected in the **Colors/Side** field: Run time = (3500 / 2 up) / 3500 clicks/hr = 0.5 hour
Cost 	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. Enter the Time cost in the **Cost/Hour** field as the budgeted



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.)*

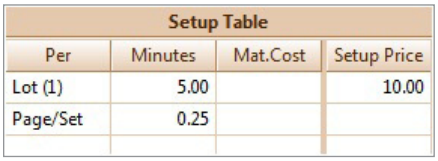
Price



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		

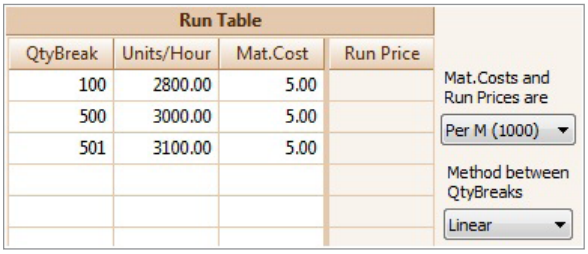
Add setup time as needed. The total setup time will be added to the total run time to calculate the time cost for the printer.

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.

X.1 | Digital Printer/Copier

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.)*