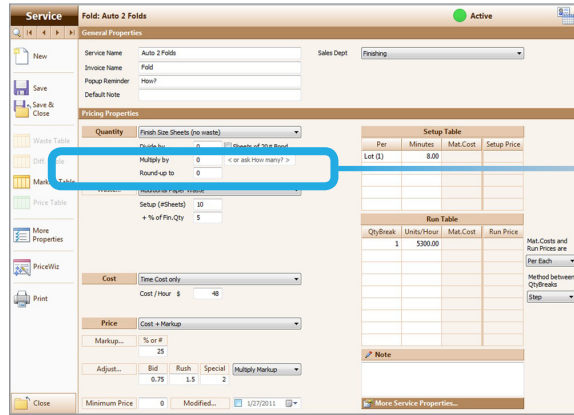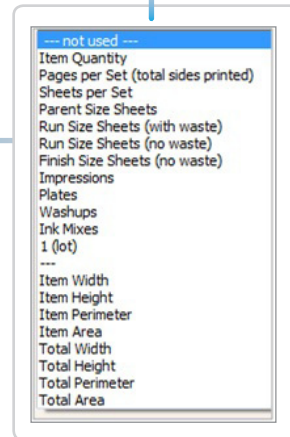# X.1 | Quantity Field

The following figure shows the **Quantity** field of a Service setup window.

The selection in the **Quantity** field tells Printer's Plan how to calculate the quantity of a Service in a job. Click the arrow to see the list of options available.

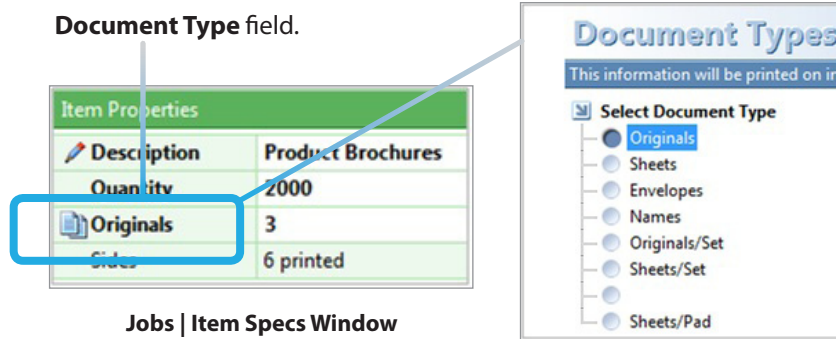List of Options

Services | Service Setup Window

The **Quantity** field is locked for some Category types.

Category Type	Quantity =	Locked Status
Paper	Parent Size Sheets	Locked
Offset Press	Impressions	Locked
Digital Printer/Copier	Impressions	Locked
Plate	Plate	Not Locked; but, you must select either the "Plate" or " --- not used ---" option and none of the others.
All other Categories	Customizable	Not Locked. You may select any option.

NOTES:

The term "Originals" in this guide refers to any of the options selected from the **Document Type** *field of the Item Specs window of a Job. The* **Document Type** *field is located just below the* **Quantity** *field of the Item Specs window (see the figure below).*

Document Type field.

Jobs | Item Specs Window

REMINDER: Following are some of the symbols used in this guide:

Symbol in Printer's Plan	Signifies
*	multiply by
/	divide by
#	number of

Options in the "Quantity" Field

Options	Descriptions
---not used ---	If this option is selected, Printer's Plan will ask for the quantity of the Service in the Item Specs window. The specific question asked will depend upon the option selected in the **Cost** field of the Service.

Service Setup Window	Item Specs Window
Cost — Time Cost only	How long? 0:00 — Type as HR:MN
Cost — Material Cost only	How many? 1

Printer's Plan will ask "How many?" If there is no setup time and no speed in the Run Table (Units/Hr), it will also ask "How long?"

NOTE: *The "---not used ---" option has a different meaning for Plate services (see "Plate").*

Pages per Set (total sides printed)	= Value marked "printed" in the **Sides** field of the Item specs window. **Jobs | Item Specs Window**
Sheets per Set	= Value in the **Originals** field of the Item specs window. **Jobs | Item Specs Window**
Parent Size Sheets	= #Finish Size Sheets **/** (#Out ***** #Up) **+** Waste. The #Out and #Up are displayed with the Paper Specs in the Item Specs window. **Jobs | Item Specs Window | Paper Specs Window**
Run Size Sheets (with waste)	= #Parent Size Sheets ***** #Out (includes waste).

Run Size Sheets (no waste)	= #Parent Size Sheets ***** #Out (does <u>not</u> include waste).
Finish Size Sheets (no waste)	= Item Quantity ***** #Originals ***** #Parts (no waste). #Parts is the value in the "Parts" field of the Paper setup window. **Services	Paper Setup Window**
Impressions *(In Digital jobs, "Impressions" is equivalent of "Clicks".)*	= #Run Size Sheets ***** #Passes. #Passes is the number of times paper goes through an offset or digital printer. Printer's Plan calculates #Passes based on: • **Colors / Side** property of the printer: **Services	Printer (Offset or Digital) Setup Window	Colors/Side Field** • **Front** and **Back** colors assigned to a job:

X.1 | Quantity Field
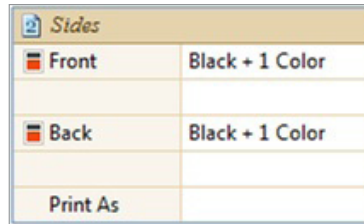
Jobs | Item Specs Window | Paper Specs Window

- **Print As** option:

Jobs | Item Specs Window | Paper Specs Window | Print As field

#Passes for digital printers is based on simplex printing (1/0, 4/0). If your digital printer has two print engines to print both sides of the paper in a single pass, you may set it up like a duplicator press: 1/1 or 4/4.
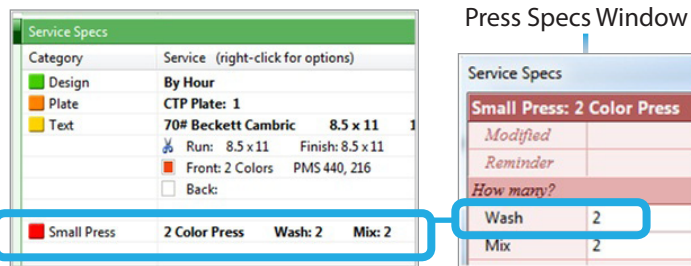
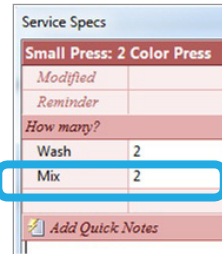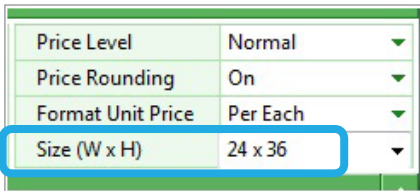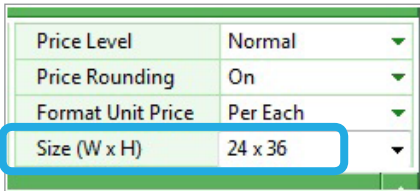|	
Plates	= #Colors on sides Front and Back. *(Printer's Plan will adjust the number of plates in an Item according to the printing method selected, such as "Work and Turn" and "Signature".)*
Washups	= Value in the "Wash" field of the Press specs window in the Item. *(Double-click on the Press to see the Press Service specs window.)* Press Specs Window **Jobs	Item Specs Window**
Ink Mixes	= Value in the "Mix" field of the Press specs window in the Item.

Jobs | Item Specs Window | Press Specs Window

1 (Lot)	= 1 (Quantity of Service is always 1).
--- *(divider line)*	The options below this line use the Document Size information assigned to the **Size (W x H)** field of the Item Specs window.
Item Width	= Width (W) from the **Size (W x H)** field of the Item Specs window *(24 in the figure below.)* **Jobs	Item Specs Window**
Item Height	= Height (H) from the **Size (W x H)** field of the Item Specs window *(36 in the figure below.)* **Jobs	Item Specs Window**
Item Perimeter	= (Item Width **+** Item Height) ***** 2 *(120 in the figure below.)*

Jobs | Item Specs Window

Item Area	= Item Width * Item Height *(864 in the figure below.)* **Jobs | Item Specs Window**
Total Width	= Item Width * Item Quantity * #Originals
Total Height	= Item Height * Item Quantity * #Originals
Total Perimeter	= Item Perimeter * Item Quantity * #Originals
Total Area	= Item Area * Item Quantity * #Originals