



Platform	Speed	Ram	OS
Windows	Pentium 4 +	256Mb +	2000, XP, Server

**ULTIMATE**    
[www.imposition.com](http://www.imposition.com)

A simple automated way to print various length books for the digital printing environment  

**QuickFACTS**

- Hot Folder based
- Unlimited number of queues
- Unlimited number of stacks per sheet
- Single or multiple files input per book
- PDF, PostScript or JDF output
- Automatic blank pages insertion
- Dynamic Job Calculation
- Allows to move, repeat, swap or reset stacks
- Input order by Alphanumeric, First-In or Optimized
- Built-in Template Creator
- Built-in printer's marks
- Duplex, Last to First, Back to First or Group of Signatures output type
- On-screen preview of job processed
- Dynamic templates allows different formats in the same set
- Automatic or Manual output



**Understanding and profiting from Imposition Book Stacker**

Ultimate's Book Stacker is designed to ease and automate the production of stacked books for digital printing.

Book Stacker automatically produces cut and stack for one book or for multiple books.

It is as simple as creating queues using any number of ups to automatically process single books or multiple books using the same queue;

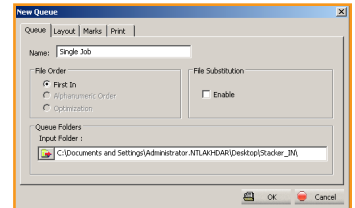
or,

With Impostrip Book Stacker, you can create up to 99 sets per queue, inside of which books get processed and optimized to match the number of pages in order to reduce blanks.

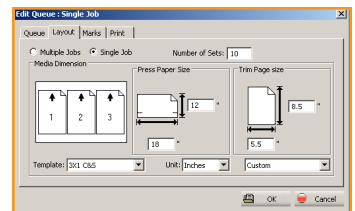
Book Stacker adds blank pages to equal the number of sheets printed.

**Case Study #1: One book in 3 stacks**

In this example, a new Queue is created to impose a 5.5" X 8.5" book, 3-ups on 18" X 12" paper. Files will be placed into a hot folder on the basis of first-in, first imposed.

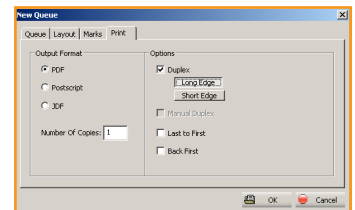


A new layout is created for that Queue, where all incoming books will be paginated as a single job with 10 sets. This means that the queue will be reset when job #11 is processed.

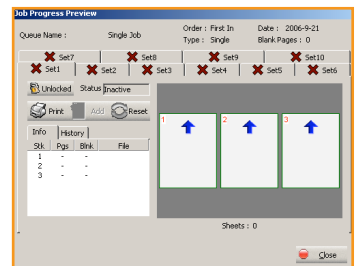


This allows to control which book will be printed first depending on priorities. In other words, choosing 10 sets allows the flexibility of having 10 jobs imposed simultaneously with manual control over printing.

Choose the output format for the queue along with duplexing on short or long edges with control of pagination and number of copies.

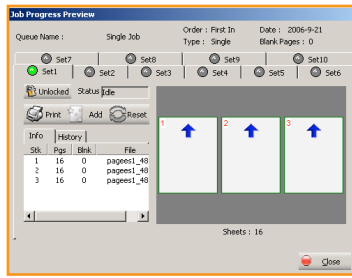


After the Queue has been set, the Progress Preview menu displays the number of stacks and number of sets of that Queue.



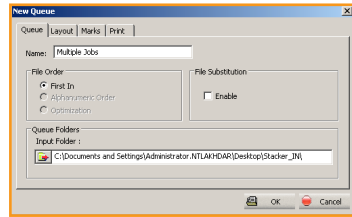
The Red X in the set tabs indicates that no job has been processed yet.

Once the Hot Folder for that Queue has been activated, the first job will automatically be applied to the 1st set of the Queue. Other jobs will be assigned to sets #2 to #10.

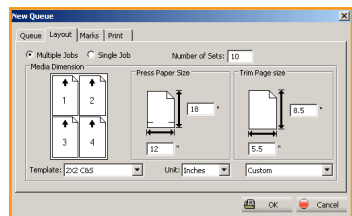


### Case Study #2: Four jobs on the same sheet

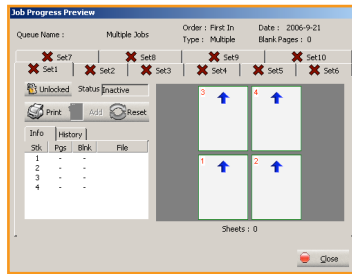
In this example, a New Queue is created to impose four (4) 5.5" X 8.5" books, A 4-up on 18" X 12" paper. In other words, four books will be automatically imposed on the same sheet. As you input books in the hot folder on a first-in, first imposed basis, Book Stacker will fill all the sets accordingly.



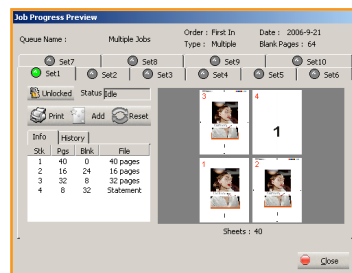
A new layout is created for that Queue, where all incoming books will be paginated as a multiple jobs with 10 sets. This means that the queue will be reset when book #41 is input.



After the Queue has been set the Progress Preview menu displays the number of stacks and the number of sets of that Queue.



In this example, 40 books can now be processed automatically as each 4 books will fill one set.



Once the Hot Folder for that Queue has been activated, the first book will automatically be applied to the 1st stack of the first set, the 2nd to the 2nd stack and so on.

### Automatic Blank Pages addition

In the previous pictogram, 4 different books have been added to the Queue. Each book has a different number of pages, therefore Book Stacker will automatically add blank pages to complete the highest number of pages found in the Queue.

However, stacks can be moved to other sets in order to minimize the number of blank pages in each set.

### File order

The file order is to determine how to place the Job files in the stacks. There are 3 possibilities:

**First In**, places the books as they come in starting with the lowest stack (#1 if not already filled, then #2 etc.)

**Alphanumeric Order**, sort files alphanumerically and place the files in ascending order starting with the lowest stack.

**Optimization**, minimize the paper waste by reducing the number of blanks needed to complete a Job Set. The application will attempt to match files by their number of pages and places those files in the same Job Set, in order to have less blank pages added by the algorithm.

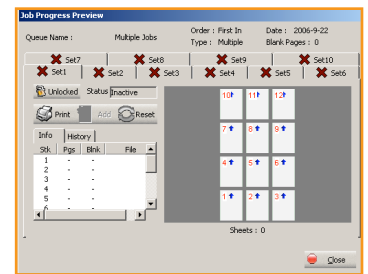
### Case Study #3: Automated Step and Repeat

Impostrip Book Stacker can also be used to automate step and repeat jobs like business cards. For instance, a web based printers is receiving multiple business cards from clients with different colors, some are CMYK, some others are 2 colors with spot colors.

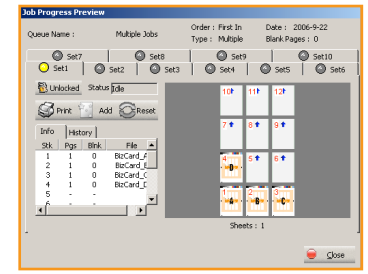
Jobs must be sorted by paper, run and colors. With Book Stacker, up to 40 sets can be handled simultaneously for automated output or re-sorting.

Stacks can be arranged by stock, colors, or can be repeated to optimize the run.

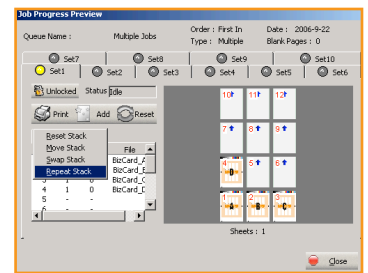
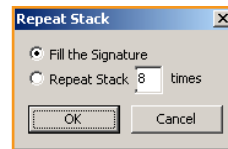
A 12-up template was created and set in a Multiple Jobs Queue.



Four business cards were placed in the Queue's hot folder. Note that each of the cards were placed in their own stacks. If other cards were dropped into the hot folder, they would be placed in stack #5 to #12 of the 1st set. In this arrangement of 10 sets, 120 cards can be processed using the same Queue.



Next, stack #1 to 12 are set to fill the sheet.



Business card "A" is now placed 12 times on the sheet.

Files can be re-arranged by stock, run or colors by moving, repeating or swapping stacks up to a maximum of 40 sets per queue.

