Metamation

AUTOMATE & OPTIMIZE
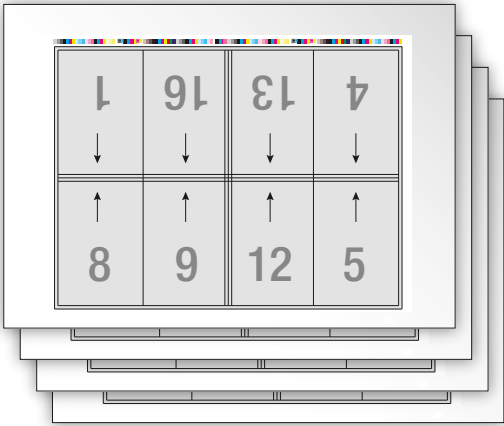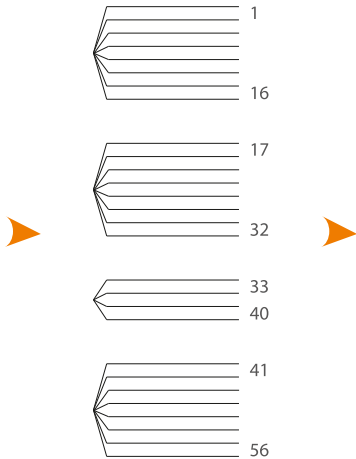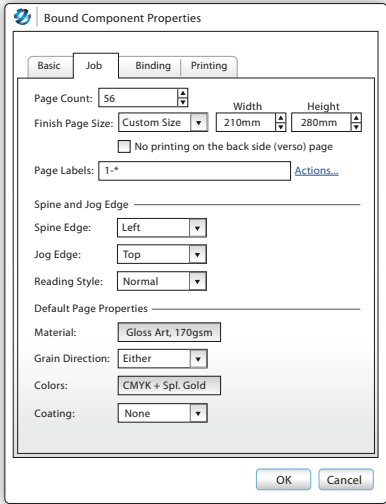
Imp

Simplify Complex Tasks

Efficient Planning, Powerful Ganging, Invisible Imposition

LAYOUT PLANNING

Creating an efficient layout plan for a book or flat job is not anymore easier than that for die-cut job. If anything, it is more complex. Technical constraints and cost implications of post-press process like folding, cutting, collecting, gathering & binding have to be taken into consideration. Accomplishing this task requires considerable time from experienced and skilled personnel.

With some key innovations and sophisticated algorithms, Imp completely automates this complex task. Your estimator or planner can generate detailed layout and signature assembly plans at the click of a button.

Import job definition from an XML or feed manually.

Imp automatically selects the signatures, press sheet size, work style and press. Partial signatures are handled automatically. Graphical UI allows the user to modify the section plan with ease.
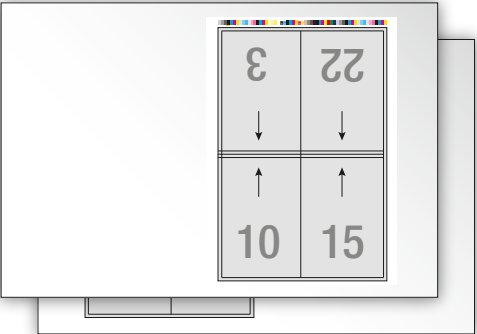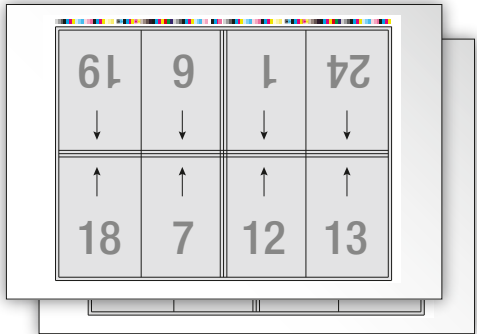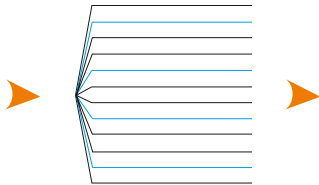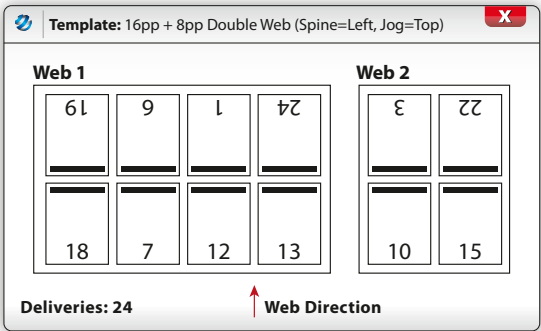
PRESS & POST-PRESS PROCESS REQUIREMENTS

When creating layout and assembly plans, Imp is aware of and is sensitive to the requirements and constraints of printing, folding, cutting, collecting, gathering & binding.

HOLISTIC COST OPTIMIZATION

The suggested plans are calculated on the basis of optimizing total cost, which includes paper, plate, printing & folding costs.
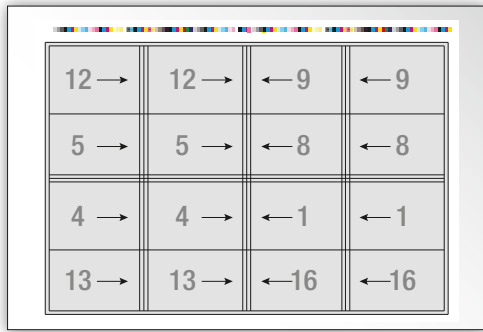
WEB OFFSET PLANNING

With Imp, planning and imposing for complex web-fed scenarios involving multiple webs and multiple delivery systems is equally easy.
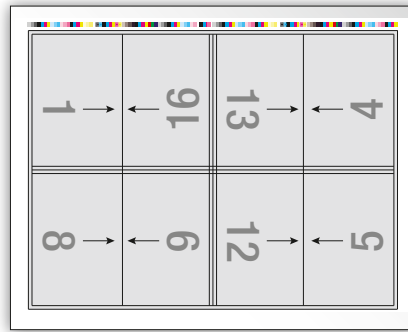

An example of multi-web folding template for 24 pages -
16 pages full web (outer web) and 8 pages half web (inner web)
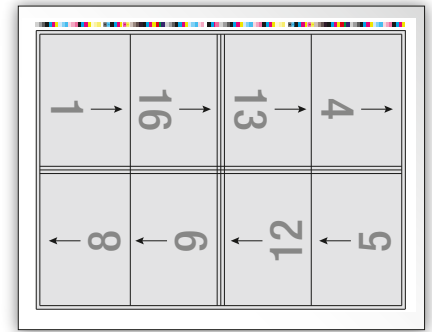
NON-STANDARD JOBS

Imp can plan and impose landscape books, Arabic books, Table-Top calendars, Come & Go and N-Up binding books of any size with no additional effort.
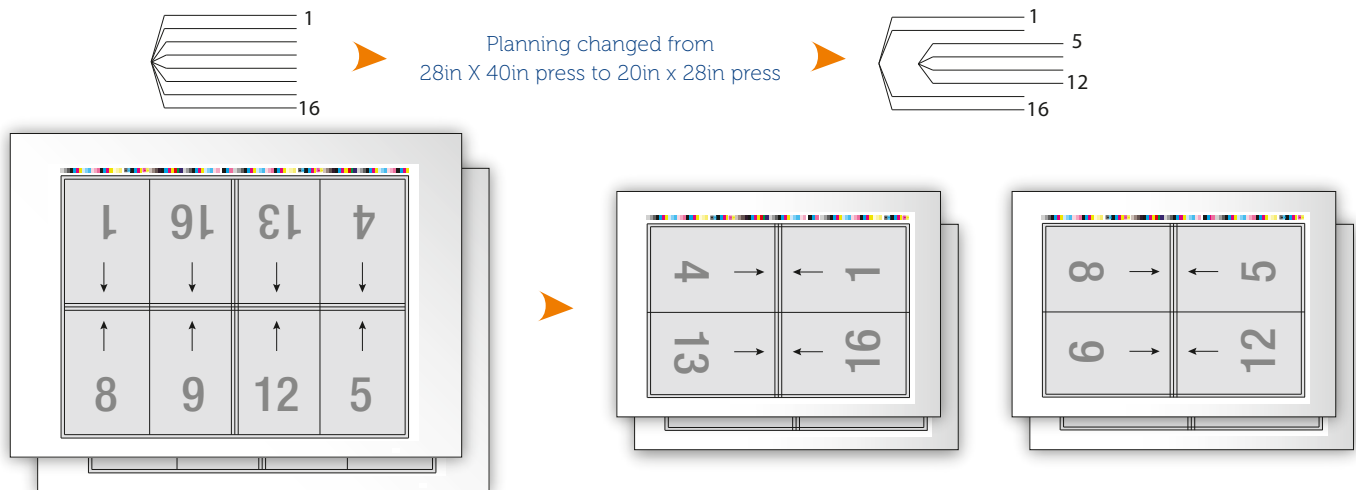

N-ups (2 ups)

Top-spine Table-Top calendar

Top-spine normal reading

HANDLE LAST-MINUTE CHANGES WITH EASE

Last-minute changes to the imposition for printing on a different press or folding on a different machine is not a problem at all with Imp. After all, when imposition from scratch takes less than a minute, these changes cannot take any more longer time.

Planning changed from
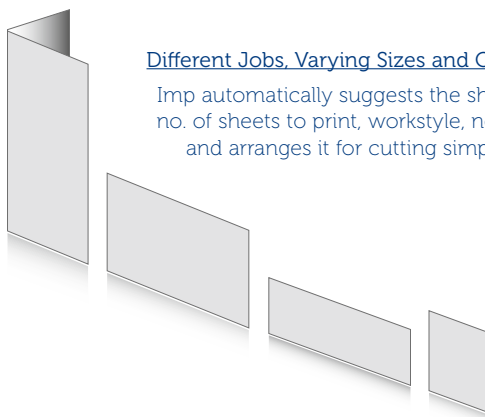28in X 40in press to 20in x 28in press

Initial plan on a 28in X 40in press -
one 16-page signature - sheetwise workstyle

In a single click Imp creates a new plan for 20in X 28in press -
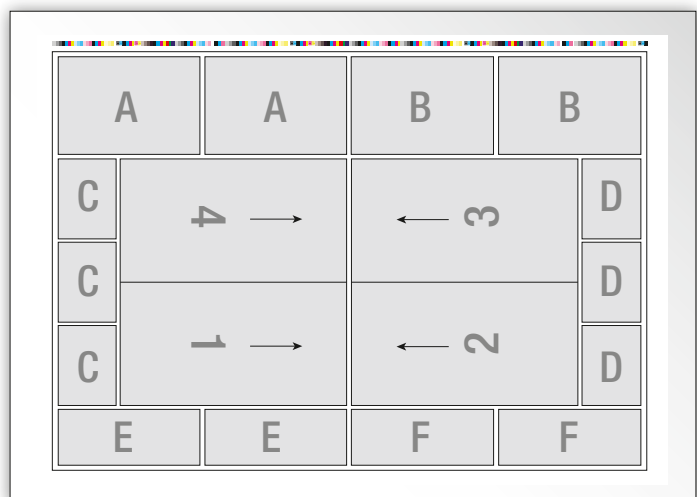two 8-page signatures - sheetwise workstyle

POWERFUL GANGING

We believe Imp is the most effective & comprehensive ganging tool available in the market today. It is powered by very sophisticated and highly evolved ganging algorithms which are capable of optimizing jobs with varied quantities, colors & coatings across multiple sheets sizes and presses. With IMP, you have the option to pool the entire day's jobs together, set the priorities and then hit a button to automatically generate efficient ganged layouts.
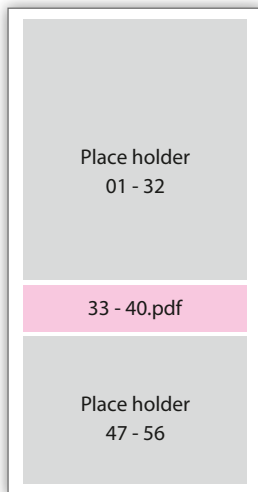

Different Jobs, Varying Sizes and Quantities

Imp automatically suggests the sheet size,
no. of sheets to print, workstyle, no. of ups
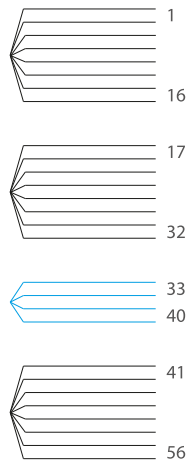and arranges it for cutting simplicity.

Layouts created by Imp's auto planner are RIP-ready imposition layouts; accurate to every detail. At prepress, the operator simply needs to link the PDF file to create full imposition along with marks, thus eliminating need of any additional imposition software.

Add all or available PDF artworks

In real time, the signatures gets populated with PDF content

MARKS

Dynamic and Static marks can be defined in a Marks Template which adapts to each individuAl layout for print area, number of colors, plate size. The collation marks for Spine and Jog are placed automatically for Collated or gathered jobs respectively.

SEAMLESS JDF INTEGRATION

Imp can export final layouts in Stripping JDF or Populated/un-populated Imposition JDF for processing in your prepress workflow. IMP also generates cutting and folding data that can automate any JDF-enabled cutting or folding machines.

ADOBE® PDF LIBRARY

Imp uses Adobe PDF library to handle incoming PDFs and output of Imposed PDFs ensuring WYSIWYG.

Powered by
ADOBE® PDF LIBRARY

COMPREHENSIVE REPORTS

Imp provides comprehensive job reports that can be tailored to suit your need. Automatically dimensioned, detailed layout reports can be generated at the click of a button.

Metamation

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