

PaSharp is a powerful set of professional trapping tools. Specialized step and repeat functions for packaging as well as editing tools that enable package designers and pre-press operators to boost productivity and produce a higher quality of work. PaSharp was developed & designed for use in rotogravure, offset, flexographic, screen & metal printing and is used in combination with Compose Express RIP and Express Workflow (EWF). Users can automatically trap or manually edit and preview traps.



## Production Family

Designed to streamline  
prepress production

### PaSharp Trap

#### Highlights

- Vector & Raster trapping
- Fully automated and manual options
  - Trap Once, output many formats
    - Miter trapping
  - Special Image trapping
    - Spot Color Support
    - Trap Color Reduction
  - Special Black Handling
    - Ink Remapping tool
- Graphical Configuration Tool
- User Trapping parameter sets
- Adobe Illustrator Plug-in

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## Trapping Modules

### Trap Sharp

Powerful trapping tools & parameter settings  
Modifications of trap areas  
Interactive trapping tools  
Sliding traps between bidirectional gradients  
Trapping between images and objects  
Rich black, keep-away's and white under-print

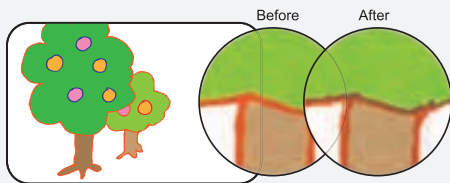
### Automatic trapping

Trap parameter settings designed to manage complex design areas.



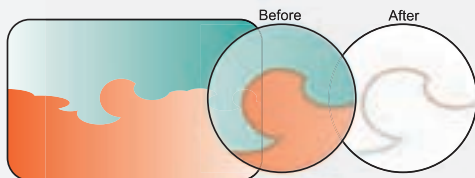
### "On Center" effects

The trap area ends at the center between the newly created trapping object and the object being trapped.



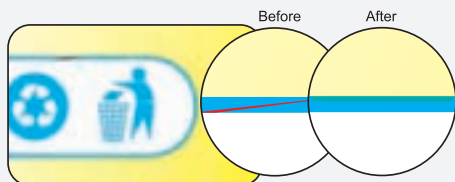
### Sliding Trap

Sliding trap tool generates smooth sliding traps between bidirectional gradients.



### Maximum gap

Maximum gap tool can close the unwanted gaps between objects to correct for inadvertent misalignments present in the original design.



### Image Trap

Image trap tool supports trapping between objects, text and images including transparent images and bitmaps.



*PaSharp, Professional intuitive trapping tools that meets the demanding requirements for Packing and Labels!*

## Features and Benefits

### Powerful Functions

PaSharp encompasses all facets of prepress packaging requirements with robust tools for even the most complex trapping situations including full object editing and step & repeat tools.

### Standalone software

PaSharp impresses customers with the complete convenience of prepress operation.

### Works with Native Adobe Illustrator and PDF files

PaSharp can be combined with any PDF workflow system and enables the user to quickly make modifications and adjustments.

### Trapping Parameters Adjustment Tools

Flexible trapping adjustment tools to change trapping parameters on a page or page zone basis for single-page or multi-page jobs.

### Separate Trap Color Reduction Controls

Trap color is the result of combining colors to create a trap, and trap color reduction is the result of reducing the value of trap colors to lower the overall darkness of these combined colors.

### Automatic and fully interactive modes

Automatic adjustments of corner width when creating complicated trap shapes.

### Trapping between images and objects

Easy to configure trapping tools make even the most complex areas a simple task.

### Ink Management

How inks interact and trap can be controlled by a variety of approaches, including neutral density and by assigning an ink type.

### Trap Color Pairs dialog box

Modify the trap width, end shape, trap direction and other parameters of trap areas that were generated.

Edges	From	To	Trap	Width	Scissor	End Sh.	Corners	Sliding	Limit	M
15	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
38	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
2	Red	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
5	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
2	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
8	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
13	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
1	Green	Blue	Normal	0.2 mm	Center	Obj/Dep	Miter	Yes	70%	
Default	Total Color Pairs: 12		Total Edges: 96							

# Trapping Modules

## Nest Sharp

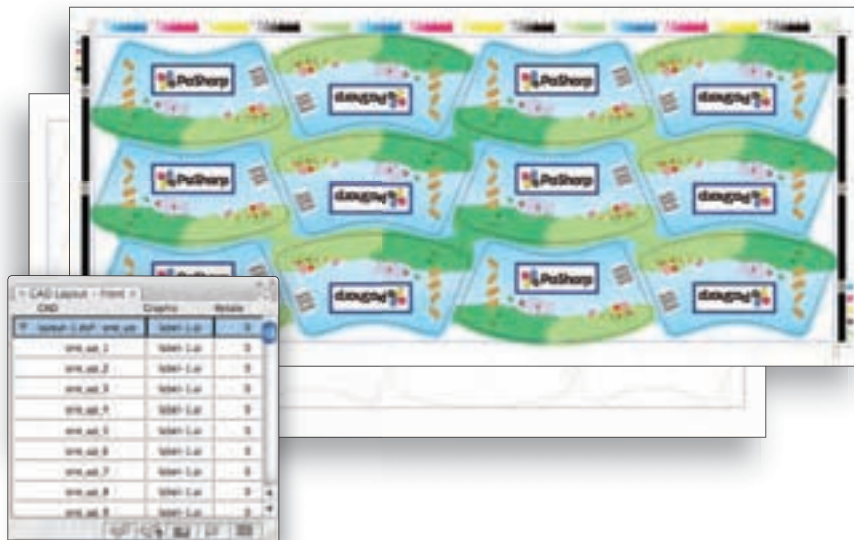
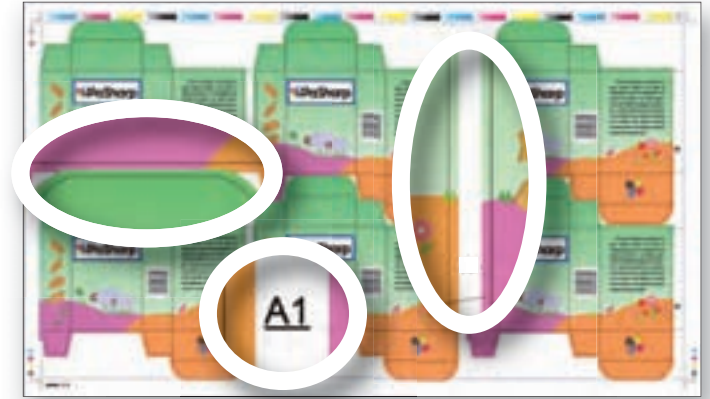
Rapid Step & Repeat by coordinate settings within Adobe Illustrator  
Direct import of CAD layouts - Supports DXF and CFF2 files  
Convenient interactive Step & Repeat tools  
Automatically adding station number with specified sequence  
Reusing of parameter sets  
Support for mathematical functions within Step & Repeat with Chart

## Bleed and Overlap

Provides modes for Bleed & Inter-space, Bleed All, Adjust Overlap that enable user to modify the overlap areas between different stations.

## Station number

User can set different station numbers for each different box category and easily change them by modifying the start reference point, sequences style, prefix or suffix for the station number.



## Step & Repeat with CAD Layout

Applies graphics to CAD layout quickly and easily. Adjusts position of graphics and station structure automatically.

## Interactive Step & Repeat

Provides object oriented tools for manual placement and adjustments.

## Step & Repeat with Chart

User can set a series of Step & Repeat parameters such as distance, rotation angle.

## Reverse CAD

User can quickly reverse Step & Repeat with a simple click.

## Anchor Tool

User can easily make adjustments by measuring distance between two stations.



## Trapping Modules

### Marks Sharp

Collection of pre-configured marks for printing

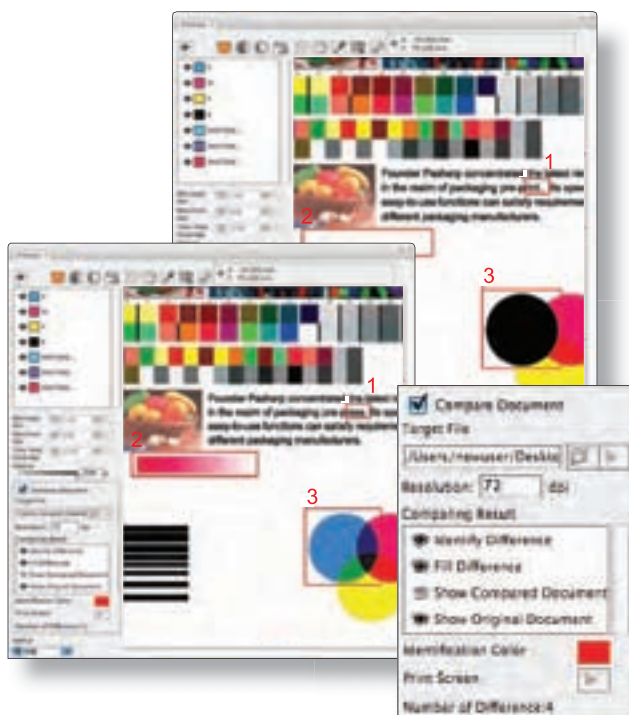
The ability to import custom marks

Parameter set functions for image marks, timing marks, trim & bleed marks, color swatches, slug-lines, step wedges, etc..



### Eye Sharp

Three different previews - Separations, Positive and Negative. 100,000% Zoom, with minimum dot preview. Difference tool for comparing before and after files, where changes are clearly delineated. Total area coverage tool calculates total ink consumption for ink cost calculations with export to ERP systems.



# Trapping Modules

## Search Sharp

Combination of various parameters

Quickly search the most frequently used object types

Multi-selection function makes it possible to find objects with unique conditions.



## Tool Sharp

User can set a series of Step & Repeat parameters such as distance, rotation angle.



## Pack Sharp

PaSharp provides three modules - Pack Sharp Guide, Pack Sharp Align and Pack Sharp Clip for unique and specialized selection. can easily make adjustments by measuring distance between two stations.

### Expand text width

User can quickly reverse Step & Repeat with a simple click.



### Step & Repeat with CAD Layout

Applies graphics to CAD layout quickly and easily. Adjusts position of graphics and station structure automatically.

### Interactive Step & Repeat

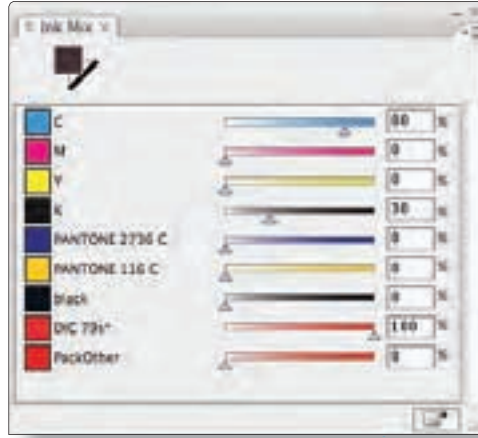
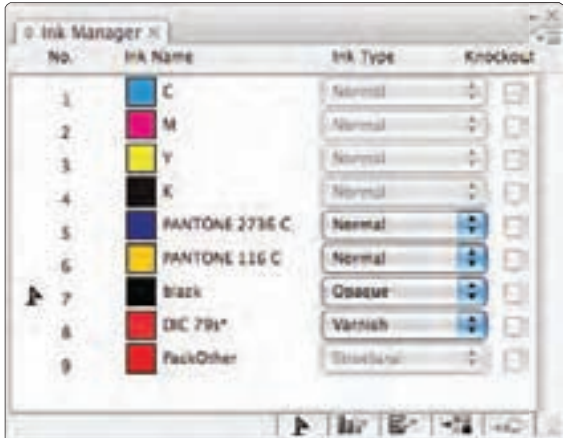
Provides object oriented tools for manual placement and adjustments.

# Ink Sharp module

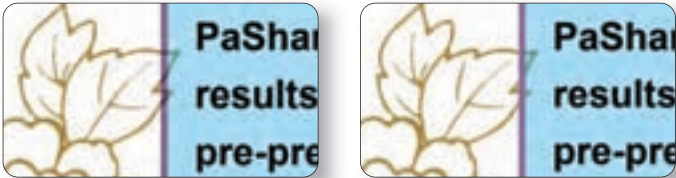
## Ink Manager

Operators can define the ink sequence in ink type settings can be applied to control trap creation behavior.

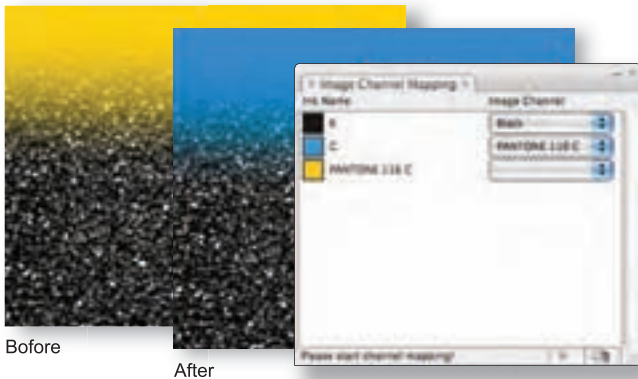
Spot colors and CMYK can be easily converted to each other as well as mixed together.



A very useful function is the operational knockout



Direct mapping of image channels.



## For Rotogravure

### TIFF Maker

This module provides a variety of settings for gravure prepress work. TIFF Maker can export both CMYK and spot colors to ".tif" file format for proofing. Operators can choose one of multiple separation to export.



## System Requirements

### PaSharp for PC users

- CPU: Dual core Intel PC or above
- Memory: 2 GB RAM
- Hard disk: 250GB SATA Disk
- Operating System: Windows XP (Service Pack 3) / Windows 7
- Screen resolution: 1280 x 1024 or above
- Software: Adobe Illustrator CS4 / CS5

### PaSharp for MAC users

- CPU: Dual core Intel Mac or above
- Memory: 4 GB RAM
- Hard disk: 250GB SATA Disk
- Operating System: OSX 10.5 or above
- Screen resolution: 1280 x 1024 or above
- Software: Adobe Illustrator CS4 / CS5



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