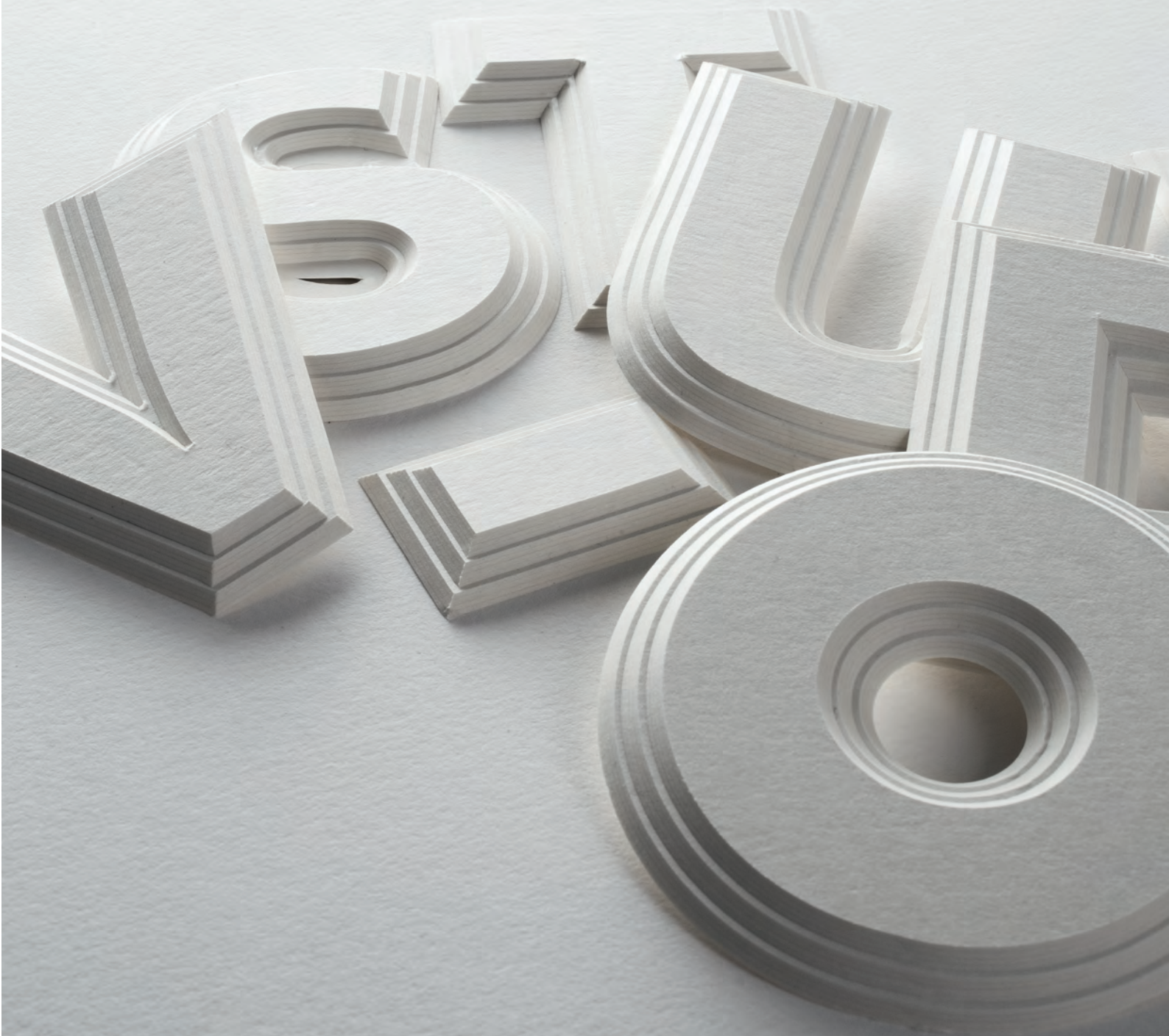
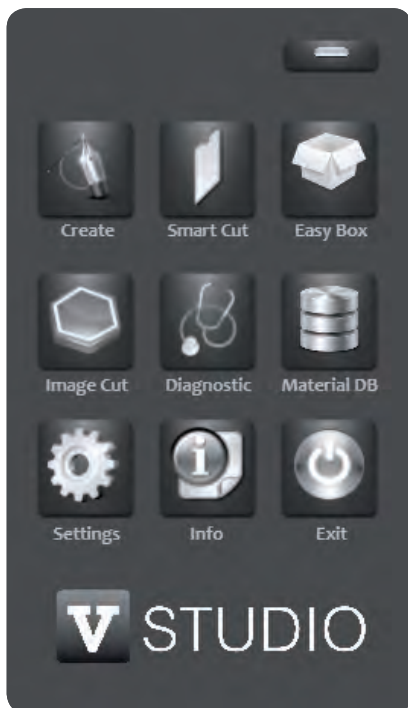


# Software

Professional & Creative solutions



# V-Studio



## What is V Studio?

**V-Studio** is the suite of programs for all Valiani machines, developed to optimize the use of all computerized cutting machines. An innovative menu allows you to reach specific applications designed to create projects with absolute simplicity. Creating original mat-boards in quicker times, personalizing your boxes and achieving contour cuts from today will be simpler thanks to an ideal design environment, equipped with extraordinary tools.

## Modern and Intuitive environment...

Design and create content for various types of work in a complete creative ambience, with an attractive look and with all the tools that you had always wished for. Thanks to a pleasing layout, clean and harmonious, the new functionality is easy to access and rationally positioned to optimize the creative workflow. A large preview, positioned in the center of the screen, allows a clearer visualization of what the final project will be.

## Software and hardware...

Valiani makes both the hardware and the software for all its range of machines. Everything is conceived to work together.

## What makes everyday things easy to do...

Every day you will discover how many tools and features are included in V-Studio:

- Parametric templates
- Guide Lines
- Shaping Tool
- Nesting Mode
- Vector file importation
- Contour Tool
- "Auto size" function
- True Type Fonts compatibility
- Available in mm, cm and inches
- Selection Object "combo" mode
- Easy to create opening array
- Visual labels
- Working interface completely independent from the drawing programs.
- Multi language fronted
- POS (Point of Sale) software integration

## What is new?

With a more polish design, improved performance and new features, V-Studio 1.2 will bring you to the next level.

### Pool Mode

Completely automatic creation of jobs optimization and nesting.

### Bar Code importation

To import file through a bar code scan.

### .VXML file format compatibility

To import file from a third party software house.

### .CSV file format compatibility

To import cutting lists from Excel or similar.

### Wireframe view

Similar to x-ray view to make shapes manipulation easier.

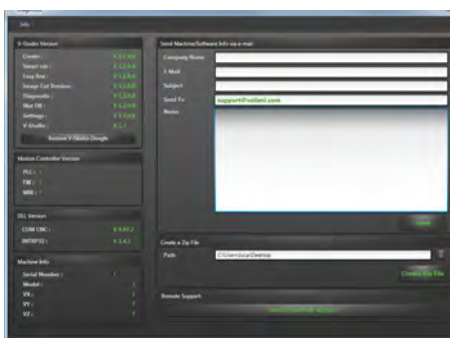
### Second Tool Bar

To optimize and speed up daily use.

### New block Fonts and Single line fonts

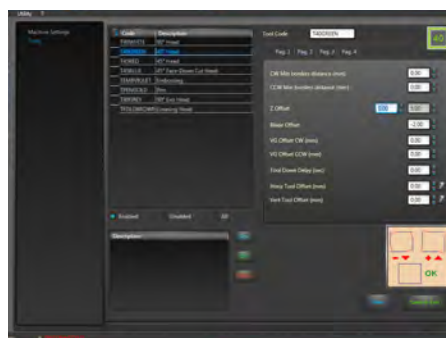
Over than 1.200 Clip Art. All arranged by categories

Comprehensible tutorial image



## Diagnostic

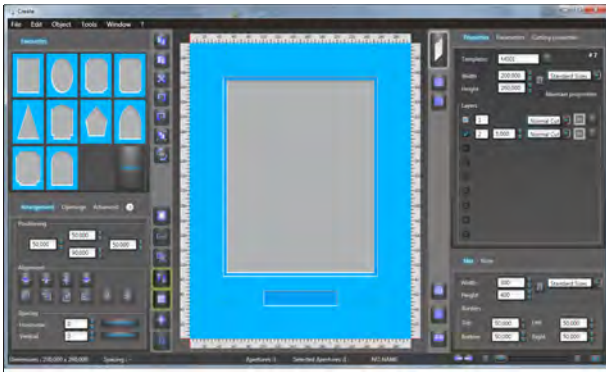
Make your machine check-up easier and smoother, with comprehensive input/output screen, Remote support and machine Info screen.



## Settings

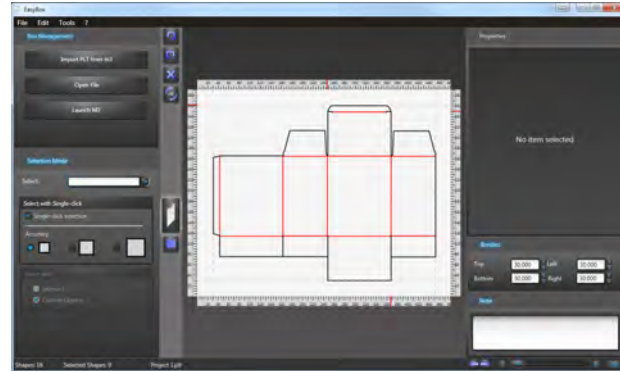
Totally configurable via the settings menu, V-Studio allows the user the freedom to create a unique configuration, adapting the program to your requirements and not vice versa.

## Which Application make V-Studio so special?



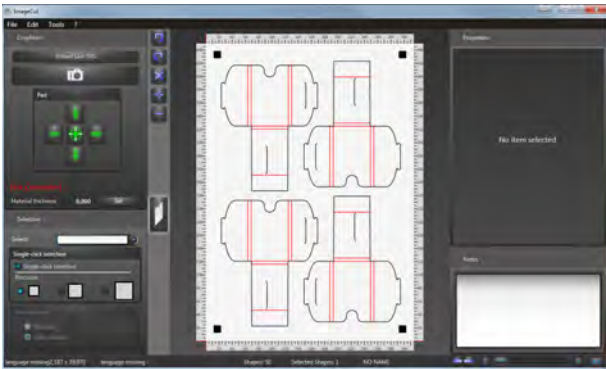
### Create

Discover new ways to create mat boards with full creational freedom and with the maximum ease, using avant-garde tools. Work quickly and intuitively thanks to a coherent approach with the user interface in all its components.



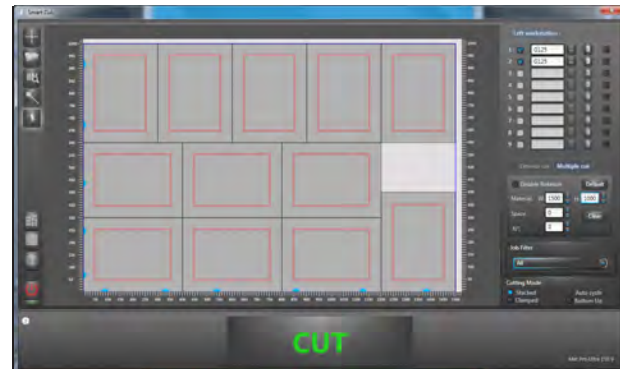
### Easy Box

Increase your productivity, using the exceptional functionality of the new application for editing packaging. Utilize the new, purposely developed, functionality to improve integration with the M3 application and increase its productivity.



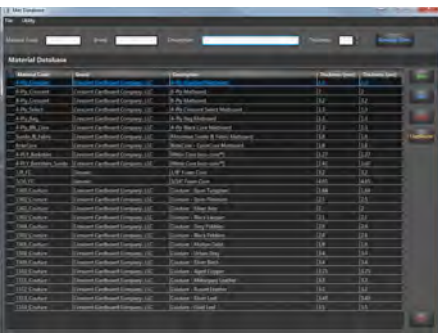
### Image Cut

Reach new levels with the functionality to perform contour cut shapes. Use the crop mark detection function to accurately cut pre-printed designs.



### Smart Cut

Use the most common vector graphic programs to transfer your projects to Valiani machines.



### Material Database

Optimize the software use storing all your materials including their specs, and tools & machine settings.

### Easy to Upgrade...

V-Studio updates are free and available to download from valianisupport website or your local dealer website. The process is completely automatic and does not require any special operation.





Crop mark detection software

## What is Opticrop?

OptiCrop is the easy to use software, conceived by Valiani, to perform Contour Cut on pre-printed image. The software used in combination with ImageCut provides you with diagram to preview your contour cuts. This preview will even assist you in searching registration marks and export the artwork into your machine correctly.

## Hardware and Software

The camera mounted on the machine, reading the registration marks, will detect position of the cuts on the machine's table. OptiCrop has an advanced feature to allow you the redrawing of the artwork according to the print skew. This feature always ensures the maximum precision when performing the contour cuts.

## Color Recognition

Since OptiCrop works with vector files, it is possible to set-up plotting process using different pen colors on you art work. Using a black line the software will import the object as a cut. This feature also recognizes different colors and allows the user to set-up on V-Studio halftones color.

## What makes everyday things easy to do...

- **SVG compatibility (Adobe Ill. & Corel Draw)**
- **Pen colors identification**
- **Square and Round registration marks compatibility**
- **Customizable registration marks sizes**
- **High tolerance to variation in brightness**
- **No limitation in registration marks positioning (Inside or outside artwork perimeter)**
- **Straightening cutting process available up to +/- 44 °**
- **Repositioning camera capability in case of recognition failure**
- **Capability to manage object rotated 90°**

 See OptiCrop in action:  
<http://tinyurl.com/jx2txro>

## What is the Contour Cutting?

Contour Cutting involves placing an outline around an object and makes the machine cut it.

## Which file does it take?

OptiCrop works with .SVG file, it's totally compatible with Adobe Illustrator and Corel Draw.

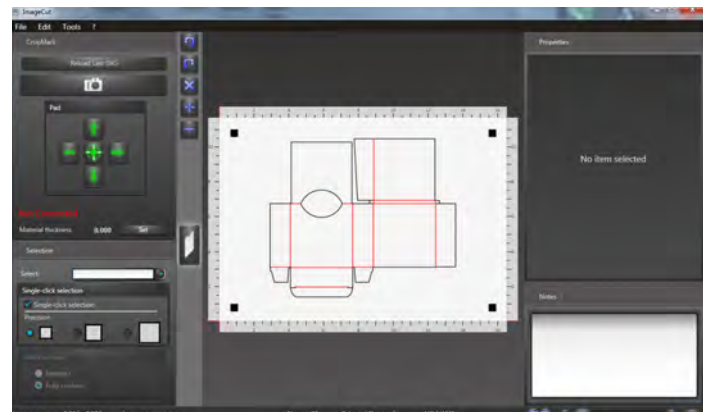
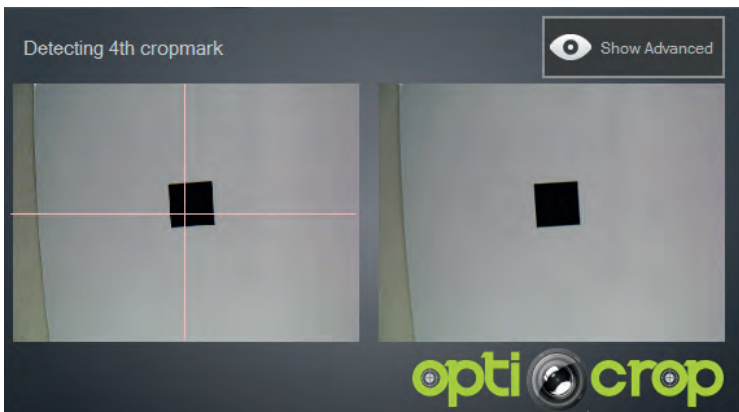
## Are registration marks plug-ins available?

Plug-in to add registration marks are available for both, Corel Draw and Adobe Illustrator.

## How does it work?

OptiCrop once positioned the camera on the first registration marks, automatically detect the 2nd, 3rd and 4th marks redrawing the artwork according to the position on the cutting table.

3 registration marks correct affine transformation; 4 non-affine transformation. « Retry mode » allows you to repeat registration mark acquiring when not recognized preventing wasting time.





## Professional software for packaging

### What is M3 packaging software?

**m3 Packaging Creator** is an advanced software application specifically designed for the Valiani cutting machines. It is structured to deliver the capability to produce packaging, display cases and other cardboard based 3D objects.

The **m3 Packaging Creator** is a comprehensive software application that helps end users not only provide more services, but reduce production time and wastage.

The **m3 library** of resizable designs contains designs of corrugated containers and folding carton boxes that conform to the **FEFCO** and **ECMA** standards, as well as to own standards. The values of the parameters - for example, box height, side length, material thickness - can be altered so that new packaging can be created. The design is then automatically calculated and the relations between the various parts of the design are kept by the packaging software. The m3 library of **resizable designs** contains more than **500** ready-to-use standards of corrugated board, folding carton or inverted corrugated board (ICB) packages.

**m3 Packaging Creator** is fully integrated with Valiani V-Studio, allowing users to edit any designs, customize them and finally export to the V-Studio with cutting commands intact. Version 5 allows also instant cut with a dedicated Valiani button.

The **m3 Packaging Creator** is a development of an award-winning system that has been the leader in the design and production of packaging for the last 15 years, appreciated by thousands of end-users worldwide.

### Features include

#### Measuring Tools

For quick check of actual sizes and convenient re-dimensioning designs.

#### Integrated Cutting Command

For quicker set up and to reduced downtime on the mount cutter.

#### Peace of Mind

Easy-to-Use Interface with Quick Set-up & Training.

#### V Studio

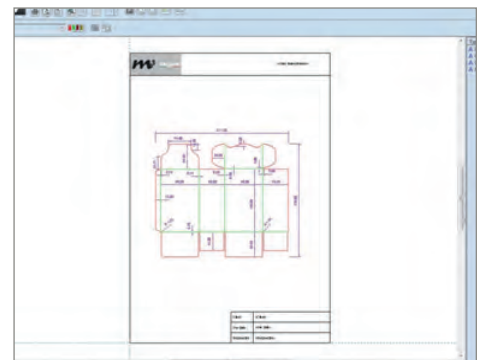
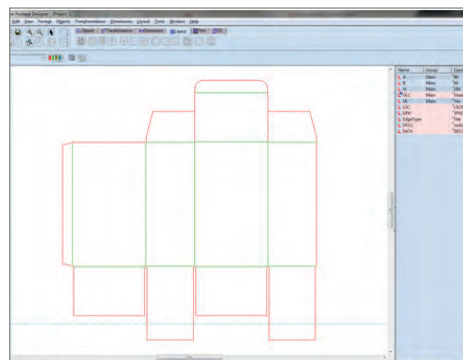
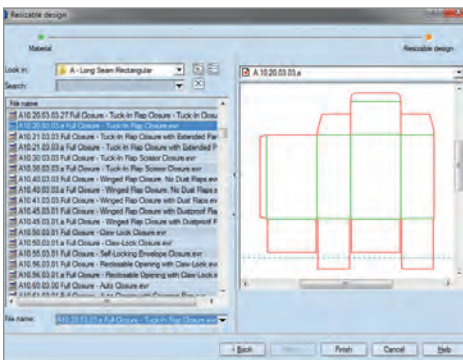
Export in Valiani .HPGL file format for easy transfer to the cutter and immediate set up of the interchangeable tools.

#### Graphics Import/Export formats

(.BMP, .JPG, .PNG, .GIF, .TIFF, .WMF). For exporting complex designs to graphics programs and for generation of 3D models.

#### Design Import/Export formats

(.DXF, .DDE, .CFF, .EPS, .AI, .PDF, .N, .HPGL, .DWG.) For seamless integration with the graphics design and die-making workflow.



Choose from over **500 fully customizable templates** from numerous packaging concepts. Previews available in 3D and templates organized into sub categories.

Live Parametric Components for adjustment of sizes throughout the design process. Whether to cut or fold, colored line art (when export via V-Studio) intuitively uses applicable Valiani Interchangeable Heads.

Produce client side printouts for design and workflow information.

\*Upon request, an optional 3D Presenter is also available. The 3D Presenter is the environment for virtual prototyping of packaging and POP/POS displays through realistic 3D modeling.



## Valiani throughout the world

You can find Valiani machines in many key businesses across the world.  
With distribution and support offices in more than **70 countries**, help is never far away.

For your local support or sales team, please visit [valiani.com](http://valiani.com)



To operate Valiani software, the following are advised:

### Minimum requirements

1280 x 768 resolution (with small characters and Windows tool bar hidden)  
2 Gb of hard drive space available.  
Intel Pentium Core i3 or greater  
Pentium Processor-based PC or compatible computer (Windows)  
2 Gb Ram  
Windows 7 or later  
1 USB Port 2.x or 3.x

### Recommended

1680 x 1050 resolution or greater.  
At least 8 GB of hard drive space available  
Intel Pentium Core i5 or greater  
Pentium Processor-based PC or compatible computer (Windows)  
8 Gb of Ram or more  
Dedicated Video card with at least 2Gb Ram  
Windows 7 or later  
1 USB Port 2.x or 3.x