

# Plus<sup>®</sup>-i



Winner 2008  
Fine Art Trade Guild  
Innovation Award  
Valiani  
Interchangeable Heads



## highlights

### VALIANI means...

- ✓ High quality Italian Engineering
- ✓ Precision & Creativity
- ✓ Versatility
- ✓ Reliability & Profitability
- ✓ Superior Customer Support



Includes Future Mat Designer<sup>®</sup>



Supports Interchangeable Heads

### Plus<sup>®</sup>-is

- Full interchangeable cutting head capability, up to six heads available: 40 or 45-degree bevel, 90-degree, Embossing tool
- An amazing cutting speed 43"/sec. (1080 mm/sec)
- Attractive Purchase, Lease and Rental options
- Extended warranty plans and preventive maintenance options available
- Easy to use Centering, Positioning, Spacing, Aligning, and Array tools for effortless multi-opening layouts
- High-speed micro stepper motors
- Integrated control keypad for improved user ergonomics and safety
- Full-length front safety guard
- Proven "workhorse" system in the most demanding production facilities worldwide
- New mat database option allows machine to automatically recall depth settings for any mat type
- System required: XP- VISTA with a standard USB port

# VALIANI

www.valiani.com



**Plus® -is** computerized mat board cutting machine was developed and constructed for production framing businesses, or that busy custom framer looking for the best. CMC available. **Plus®** is time-tested and proven.

**Plus® -is** offers speed, performance, and mat cutting capability supported by the highest quality standards, making it extremely robust and durable.

**Plus® -is** is available in two sizes and is capable of doing all cutting from the front and the back, cuts single or multiple openings, V-grooves in all designs and pre-assembled double and triple mats without having to remove the mat from the machine.

This feature alone saves hours of work and is a great advantage that no other machine can offer along with the flexibility to accommodate matting materials and design concepts of the future.

## TECHNICAL SPECIFICATION

### Plus® -is 150

Working area:  
1500mm x 1000mm (60" x 40")  
Height 1500mm (60")  
Width 2100mm (83")  
Depth 1600mm (63")  
Weight 180 kg. (400 lbs)

### Plus® -is 120

Working area:  
1200mm x 800mm (48" x 32")  
Height 1450mm (70")  
Width 1760mm (55")  
Depth 1400mm (57")  
Weight 130 kg. (280 lbs)

<b>Max Speed</b>	1080mm/ sec 43"/sec
<b>Main Supply</b>	220V / 50Hz / 10A +/-10%
<b>Pneumatics</b>	6 Bar / 90 PSI

## PERFORMANCE

### Mat Size

280mm x 350mm (11" x 14")  
400mm x 500mm (16" x 20")  
800mm x 1000mm (32" x 40")

### Opening

150mm x 230mm (6" x 9")  
280mm x 380mm (11" x 15")  
685mm x 890mm (32" x 40")

### Full Cycle

7.81 secs  
8.78 secs  
10.90 secs

### Cut Only

4.31 secs  
4.88 secs  
6.75 secs

## System Features

- Designed for continuous operation with minimal maintenance downtime
- Full interchangeable cutting head capability, up to six heads available: 40 or 45-degree bevel, 90-degree, Embossing tool
- Shares cutting head design and software as the other models
- Cut pre-assembled double and triple mats without removing from machine, a feature exclusive to Valiani equipment
- Unique cut-from-front head design provides unparalleled cut detail and perfect opening to V-Groove alignment
- Unique "Dead-End" design & cut capability; create spacers, bevel accent strips, custom V-grooves, decorative Embossing lines
- Computer system included at no extra cost (only for N.A. Market)
- An amazing cutting speed of 43"/sec. (1080 mm/sec)
- Connectivity via USB port

## Program Features

- Attractive Purchase, Lease and Rental options
- Attractive lease-to-own plans starting at \$460/mo - with no down payment (only for N.A. Market)
- 2-year warranty on parts and factory labor
- Extended warranty plans and preventive maintenance options available
- Unlimited telephone support for technical enquiries.
- Valiani has produced the widest range of mat cutting machinery since 1973
- Scale, Service & Support in over 60 countries worldwide through a wide network of authorized and trained Valiani distributors
- Qualified technicians available for on-site installation and training.

## Future Mat Designer Software Details

- The Future Mat Designer program is extremely easy to use and offers a wide variety of tools necessary to increase creativity and reduce project design time
- Over 250 pre-programmed design templates, with create-your own capability
- Rotate, Scale, Copy, and Paste any design object or Group
- Easy import of CAD (.DXF), CorelDRAW (.PLT) designs, clip art, or Fonts - limitless creative possibilities.
- Easy to use Centering, Positioning, Spacing, Aligning, and Array tools for effortless multi-opening layouts
- Integration with the leading Picture Framing point-of-sale (POS) and Visualization software providers
- Mat Optimization layout feature for efficient cutting of varied mat sizes.
- Text tool for creating names, numbers, etc. - over 40 pre-programmed fonts
- New Cut Sequence tool allows user-designated cutting order of all mat openings

## Hardware Specifications

- Improved housing and tool-free locking mechanism for cutting head
- Heavy-duty steel floor stand with levelling feet for superior stability
- High-speed micro stepper motors
- Improved pneumatic control for more precise radial (oval, circle, etc.) cutting
- Integrated control keypad for improved user ergonomics and safety
- Full-length front safety guard
- Depth adjustment dial knob 0-3/16" (0-5mm)
- Handles up to 3/16" (5mm) foam board and coter board with optional 45-bevel or 90-degree cutting heads
- Heavy-duty honeycomb-aluminium cutting table; lightweight and rigid
- Improved mat clamping capacity: Four 4-ply mats or 3/16" (5mm) foamboard

## Additional

- Proven "workhorse" system in the most demanding production facilities worldwide
- Extended warranty and preventive maintenance options ensure minimal loss of production
- Software facility to import CAD (.DXF) or CorelDraw (.PLT) files, for an unmatched design flexibility
- New mat database option allows machine to automatically recall depth settings for any mat type
- System compatible with Windows XP and VISTA with a standard USB port.
- Remote assistance (internet connection required)
- Safety rating: CE certification and UL Listed.
- No per-cut "Corner" fees to limit cutting production or creativity (N.A. Market)
- Optional computer workstation with rotating interchangeable head carousel
- Winner of the 'Fine Art Trade Guild's 2008 Innovation Award' for the Valiani Interchangeable head system.
- Highly durable blades cut up to 100 mat openings