

VC2-600 Maximum cutting width 24"/610mm
VC2-1300 Maximum cutting width 52"/1320mm
VC2-1800 Maximum cutting width 72"/1830mm



MUTOH's ValueCut II Cutting Plotter Series offers the usability, and all the functionality required by professional sign makers

ValueCut II

VC2-600 | VC2-1300 | VC2-1800

[maximum media width of 30"/770mm]

[maximum media width of 62"/1594mm]

[maximum media width of 78"/1990mm]

Superior Cutting Speed

60.2"(1,530mm)/s

Optimum Cutting Force

Up to 600g

Enhanced AAS II Contour Cutting System (Automatic Alignment System II) with adding new features such as continuous contour cutting. Working more comfortably with three different interfaces. ValueCut II, that supports various media with high-speed and high-precision cutting, achieves high productivity.

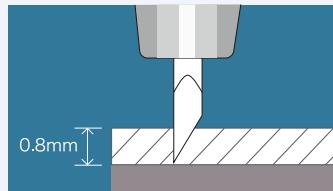


Best-in-class processing capability



Superior cutting speed

The max cutting speed is 60.2" (1,530mm)/s (at 45°direction). ValueCut II enhances productivity with superior performance over competitors.



Optimum cutting force

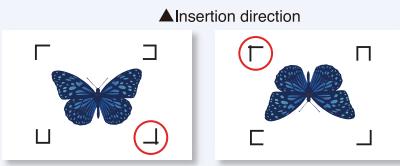
The cutting force from 5g to 600g is selectable. ValueCut II supports a variety of materials from such as fine and thin masking film to thick rubber sheet for sandblasting and reflective sheet that are required cutting pressure, and pursues user-friendliness.

AASII Contour Cutting System (Automatic Alignment System II)



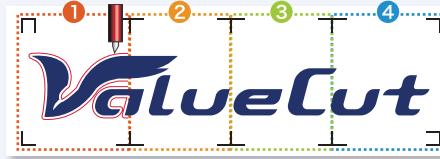
This system guarantees the finest cutting quality with automatically detecting registration marks on digital images.

Automatic detection of media setting direction



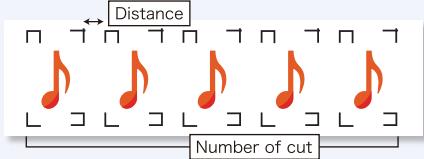
Regardless of whether the media is installed in the back and forth, the orientation of the media is automatically detected from the shape of the registration mark. The cutting data is automatically converted inside the plotter and properly cut.

Segmental alignment for long run cutting job



In addition to the four corner marks, as the registration marks at 19.7"/500mm intervals in the X direction (paper feeding direction) are printed. It offers reliably contour cut and long cutting jobs with superior accuracy.

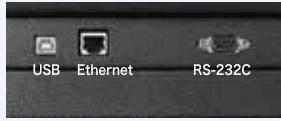
Continuous contour cutting function



In the case of repeating the contour cutting of the same data, by entering the distance between jobs and the number of cut in the AAS II copy menu, the job can be accomplished by transmitting the data once. (X axis direction only)

3 types of interface Connection

Using the USB port makes data transfer faster and more convenient. There is no restriction on PC installation place by Ethernet cable. Moreover, it is possible to operate multiple ValueCut II with one PC with the Ethernet connection.



<Other functions>

- 4 types of parameter can be registered for each type of media.
- Pen-up movement acceleration setting + contour cutting register mark detection movement speed setting
- Die cut & kiss cut functions for stickers
- Function on disablement of media sensor
- Easy-to-use multilingual control panel

ValueCut dedicated cutting software "FlexiSTARTER ValueCut Edition" as standard

ValueCut enables to create cutting data and image data, and cut them easily. Also, you can import data created with design software such as Illustrator or CorelDRAW into FlexiSTARTER, automatically add contour lines and register marks and cut it.



Supported OS by Windows 7, 8, 10

| Model Number | VC2-600 | VC2-1300 | VC2-1800 |
|-------------------------------|--|---|---|
| Operation Method | | Roller type | |
| Max.Media Loading Width | 30.3" (770mm) | 62.7" (1594mm) | 78" (1990mm) |
| Max.Cutting Width | 24" (610mm) | 52" (1320mm) | 72" (1830mm) |
| Min.Media Loading Width | | 1.97" (50mm) | 11.8" (300mm) |
| Max. Cutting length | | 164ft /50m*1 | |
| Number of Pinch Rollers | 3 | 4 | 6 |
| Acceptable Material Thickness | 0.8mm | | |
| Driver Motor | | DC Servo Control | |
| Cutting Force | 5~600g | | |
| Max. Cutting Speed | 60.2" (1530mm)/sec (at 45°direction) | | |
| Acceleration | 4.2G | | |
| Offset | 0~1.0 mm (0.025mm/step) | | |
| Memory Buffer | 32MB/16MB (when using AAS II) | | |
| Interface | USB 2.0 (Full Speed), Serial(RS-232C), Ethernet | | |
| Type of Command | HP-GL, HP-GL/2 *2 | | |
| Mechanical Resolution | 0.006mm | | |
| Software Resolution | 0.025mm | | |
| Distance Accuracy | ± 0.254 mm or ± 0.1% of move, whichever is greater*3 | | |
| Repeatability | ±0.1mm*3 | | |
| Control panel | LCD (20 digits x 2 lines), 14Keys, 1Power LED | | |
| Diameter of Blade | 2.5mm | | |
| Number of Attachable Pen | 1 | | |
| Available Tool | Cutter, Oil Ball Point Pen | | |
| Operation | Temperature | 59°F-86°F (15°C~30°C) | |
| | Humidity | 25% ~ 75% | |
| Power Supply | AC 100~240V, 50/60Hz (auto switching) | | |
| Power Consumption | Max. 110W | | |
| Dimension (WxDxH)*4 | 36.6" x 19.3" x 16.3" (950 x 486 x 412mm) | 69.1" x 26.3" x 45.9" (1774 x 651 x 1111mm) | 85.4" x 29.5" x 45.9" (2170 x 756 x 1127mm) |
| Net Weight | 39.6 lbs/18kg | 110.2 lbs/50kg (including stand) | 138.8 lbs/63kg (including stand) |
| Stand and Media Basket | Optional | Standard | |

*1 This does not assure the accuracy.

*2 HP-GL,HP-GL/2 are trademarks of Hewlett-Packard Company.

*3 Effective only when operated with the cutting condition and the media certified by MUTOH.

*4 Exclude basket dimension

*Electric power cable is not included.



Safety Precautions

Before the use of our products, please read the entire Operations Manual to ensure safe operations.

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MUTOH

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