MUTOH

ValueCut II
VC2-1300 / VC2-1800

Sign & Display ‹

Wide Format Cutting Plotters

The ValueCut II 1300 & 1800 are high performance multi-purpose drag knife vinyl cutting plotters for advertising businesses and signmaking professionals. The second-generation ValueCut cutters feature new cosmetics, a new mainboard & keyboard, an extended input buffer as well as a standard Ethernet, USB and serial port.

Enabling the finest cutting quality with excellent tracking the affordable VC2-1300 and VC2-1800 cutters are equally suited for kiss cutting and for contour cutting of preprinted graphics. Thanks to the incorporated innovative tangential simulation mode you can make miniature letterings, intricate graphics shapes and obtain perfect cutting quality in thick materials. With the integrated automatic registration mark detection technology, you can easily produce series of stickers which are contour cut and/or die cut.

Think of regular signage, vehicle and window graphics, glass frosting, car stickers, labels, safety signs, funny bumper stickers, apparel heat transfer graphics, craft & sandblast stencils and much more.

Product Highlights

- High performance wide format drag knife vinyl cutters
- Cutting widths: 1320 mm (52") – 1830 mm (72")
- All-in solutions : cutter / stand / basket + cutting software
- For retail / advertisement businesses & sign making professionals
- Multi-purpose : for kiss cut, contour & die cutting
- Top performers : up to 1530 mm/s - up to 4.2G
- Powerful : cutting force up to 600 g
- Guaranteed 10 metres media tracking
- Finest cutting quality: tangential simulation mode
- Ready for perfect teamwork with any printer capable of printing on PVC for contour cutting of preprinted graphics
- Automatic registration mark detection to swiftly contour-cut preprinted graphics
- Triple connectivity : Ethernet, USB and serial

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Cut	Contour / Die Cut	Registration Marks	Team Player	52" - 72" Wide

ValueCut II 1300/1800 cutting plotters

Technical Key Specifications

Media Drive Mechanism	Micro-grit friction feed / Digital control servo motor
Cutting Principle	Drag knife
Blade Types Top Angle / Offset	25° / 0.25 mm, 42° / 0.175 mm, 45° / 0.25 mm, 60° / 0.25 mm, 60° / 0.50 mm
Graphic Language	HP-GL, HP-GL/2
Distance Accuracy	± 0.254 mm or ± 0.1 % of moving distance, whichever is larger
Repeatability	± 0.1 mm or less
Tracking Accuracy	≤ 2 mm per 10 m

Performance

Maximum Speed	1530 mm/s
Maximum Acceleration	4.2 G
Cutting Force Range	5 - 600 g

Power Consumption

Power Supply	100-240 V AC - 50/60 Hz
	Auto-switching / Max 110 W

Data

Interface / Input Buffer	Ethernet, USB 2.0, Serial / 32 MB

Meda Specifications

	VC2-1300	VC2-1800
Media Loading Width (roll & sheet)	50 - 1594 mm	300 - 1990 mm
Max. Cutting Width	1320 mm	1830 mm
Max. Media Thickness	0.8 mm	0.8 mm
Pinch Rollers	4	6

Machine Measurements

	VC2-1300	VC2-1800
Width x Depth x Height	1774 x 651 x 1111 mm	2170 x 756 x 1127 mm
Weight	50 kg	63 kg

Standard Accessories

Stand, basket, roll media mount system, blade holder with red cap blade installed in tool carriage, spare cutting blade red cap (45°, 0.25 mm), oily ball-point assembly pen, sheet-off tool, cutting mat, tweezer, plastic tie, Ethernet & USB cable, FlexiSTARTER™ ValueCut Edition Cloud software pack.

In-the-box starter software solution

The ValueCut II cutting plotter comes with a Mutoh proprietary version of SAi's FlexiSTARTER™ Cloud. It is a complete text and graphics layout program running on the Windows platform Win 8, 10 64-bit. FlexiSTARTER™ ValueCut Edition Cloud allows you to do cutting and designing simultaneously. The export functionality will allow you to prepare designs for output with any printer-RIP combination in your workshop and still yield perfect contour cutting.

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