



ValueCut Series



High-performance multi-purpose cutting plotters

ValueCut is a high-performance cutting plotter range designed for professional sign cutting applications. Enabling the finest cutting quality with excellent tracking, the Mutoh ValueCut series is available in three models, i.e. ValueCut 600, ValueCut 1300 and ValueCut 1800.

The affordable ValueCut cutters are ready for perfect teamwork with any printer capable of printing on PVC for contour cutting of pre-printed signs & stickers. A complete set of high quality cutting blades is available, tuned to give you perfect cuts and easy weeding. Thanks to the incorporated innovative tangential simulation mode you can make miniature letterings, intricate graphics shapes and obtain perfect cutting quality in thick materials.

Product Highlights

- Cutting widths: 610 mm (24.01") – 1320 mm (51.96") – 1830 mm (72.04")
- For home, office and professional users
- Finest cutting quality: high quality cutting blades & innovative tangential simulation mode
- Excellent media tracking up to 10 metres
- Top performer: speed up to 1530 mm/s, acceleration up to 4.2 G & cutting force up to 600 grams
- Automatic registration mark detection to swiftly contour-cut preprinted graphics

Application Possibilities

Mutoh's affordable ValueCut cutting plotters offer all application features required by professional sign makers: traditional vinyl cutting for lettering jobs, contour cutting of pre-printed stickers and cut through for the creation of individual stickers.





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SPECIFICATIONS

Technical Key Specifications

Media Drive Mechanism	Micro-grit friction feed / Digital control servo motor
Cutting Principle	Drag knife
Blade Types	25°/0.25 mm, 42°/0.175 mm,
Top Angle / Offset	45°/0.25 mm, 60°/0.25 mm
Graphic Language	HP-GL, HP-GL/2

Performance

Max. Speed (axial)	1080 mm/s
Max. Speed (diagonal)	1530 mm/s
Acceleration (axial)	3.0 G
Acceleration (diagonal)	4.2 G
Max. Cutting Force	600 g

Media Specifications

	ValueCut 600	ValueCut 1300	ValueCut 1800
Media Loading Width (roll & sheet)	50 - 770 mm	50 - 1594 mm	300 - 1900 mm
Max. Cutting Width	610 mm	1320 mm	1830 mm
Max. Media Thickness	0.8 mm	0.8 mm	0.8 mm
Pinch Rollers	3	4	6

Machine Measurements

	ValueCut 600	ValueCut 1300	ValueCut 1800
Width x Depth x Height	930 x 490 x 414 mm	1754 x 667 x 1166 mm	2170 x 750 x 1166 mm
Weight	37.2 kg	61 kg	105 kg

Power Consumption

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

Interface / Input Buffer	Serial & USB 2.0 / 4 MB
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Standard Accessories

Stand*, basket*, roll media mount system, blade holder, oily ball-point holder, knife 45° (red cap), safe blade, cutting mat & FlexiSTARTER™ 10 software solution.

(*: optional item for VC-600)

In-the-box starter software solution

The ValueCut cutting plotter comes with a Mutoh proprietary version of SAI's FlexiSTARTER™ 10. It is a complete text and graphics layout program running on the Windows platform Win7 64-bit. FlexiSTARTER™ 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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