MUTOH

PRINT & CUT

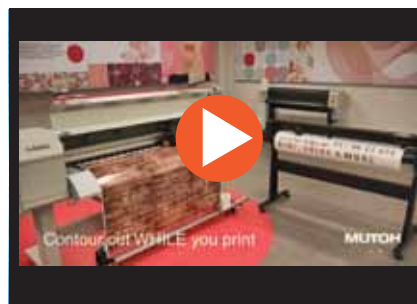## Mutoh Print & Cut Combos

Your Happy Number **13**

👍 Mutoh Print & Cut Combos

- **Freedom of Choice**
    - Choose any ValueJet printer to team up with any of our cutting plotters
    - Choose from different ink technologies, in line with your volume and application requirements
    - Choose between drag knife or tangential technology cutters to cover basic, advanced or heavy duty cutting jobs
- **Productivity** – Print! Cut! Print & Cut!
- **Reliability** – Error-free workflow : eliminate the risk to send wrong cutting data, wasting substrate(s), inks and resources thanks to barcode reading by the cutter
- **Efficiency** – Save time by optimising your production planning
- **Flexibility** – Cover the widest range of print and cut applications and prepare for rush jobs with peace of mind
- **Expandability** – Ready to grow with your business

WATCH MOVIE

✌ Make the Smart Choice...

Enjoy the multiple benefits and comfort of Mutoh's alternative print & cut approach: **two machines working in perfect tandem as well as independently!**

Mutoh's printer and cutter combo solutions will offer you the highest level of flexibility for your print, cut and print-to-cut applications. **Print and cut simultaneously**, print faster on the widest variety of substrates, cut faster, cut heavier and stiffer substrates, cut longer runs with the highest accuracy, cut full preprinted rolls without user intervention... You can combine any ValueJet printer with any of our cutting plotters. Doesn't that sound convenient to you?

For print-to-cut applications, our print & cut combos will offer you an **automated workflow**, controlled from **one single production software**. We offer Mutoh Edition software solutions developed with both Onyx Graphics and SAi.
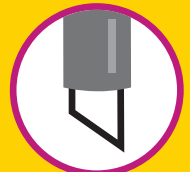
Our ValueJet printers - available in widths from 63 cm to 260 cm (24" - 102") - offer you unrivalled quality and reliability, both for high-quality jobs for close viewing distances and for speed production of indoor and outdoor signs.

Our cutting plotters - available in widths from 77 cm to 190 cm (30" - 75") - are fit for vinyl cutting as well as for contour-cut and through-cut applications. They all integrate a laser sensor which will recognise **registration marks on preprinted graphics**. This way, the cutter will know perfectly in which area it will have to do contour-cutting or through-cutting. With our Lite 140, Advanced 160 and Premium 160 cutters, manual intervention can moreover be fully eliminated thanks to **integrated barcode reading, offering a truly foolproof print-to-cut workflow**.
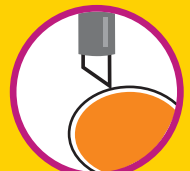
A clever investment covering your needs of today and tomorrow!

PRINT

CUT

CONTOUR-CUT

REGISTRATION MARKS

BARCODE SUPPORT

PRODUCTION SOFTWARE

PRINT

ValueJet 628
Compact 24" wide desktop printer offering a great potential to start-up businesses, small sign makers, department stores and quick print providers. Sellable 720 dpi production speeds up to 9 m²/h.

VJ-628

ValueJet 1624X
64" wide professional single head printer, for established sign makers and for larger operations who wish to extend their capacity and flexibility. Sellable 720 dpi production speeds up to 14.5 m²/h.

VJ-1624X

ValueJet 1324X
Compact 54" wide printer, ideal for small to mid-range sign makers & print providers. Sellable 720 dpi production speeds up to 11.8 m²/h.

VJ-1324X

ValueJet 1638X
64" wide dual head printer, specifically developed for high quality and high volume production of sign and display graphics. Sellable 720 x 1080 dpi production speeds up to 20 m²/h.

VJ-1638X

ValueJet 1604X
64" wide budget printer. Will appeal equally to starting sign makers and existing print providers looking for a wider printer. Sellable 720 dpi production speeds up to 11.5 m²/h.

VJ-1604X

ValueJet 2638X
102" wide dual head printer, for established businesses who need extra versatility or who want to extend their capacity and flexibility. Sellable 720 x 1080 dpi production speeds up to 22 m²/h.

VJ-2638X

ValueJet 1638UR
64" wide UV LED roll-to-roll printer, developed for the commercial print and sign & display markets. Uses Mutoh's flexible UV LED CMYK, White and Clear inks. CMYK print speeds up to 13.5 m²/h.

VJ-1638UR

Our award winning range of ValueJet roll to roll sign and display printers matches our knack for engineering and quality with your desire for impeccable performance and careless production. Ever since 2007, more than 15000 ValueJet printers were installed in Europe only. Our ValueJet printer range in a nutshell :

- Made in Japan professional printers, integrating proven technology
- Mutoh i² Intelligent Interweaving & DropMaster print technology inside
- Extreme quality & ultimate performance
- Easy to install, operate and maintain
- CMYK Eco Ultra & Universal Mild Solvent cost-effective durable inks for long-term outdoor and indoor applications.
- C, M, Y, K LED UV inks – Optional White & Varnish for a luxurious finish

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CUT

Mutoh has been a pioneer in cutting plotter technology since 1994. More than 30000 Mutoh cutting plotters have been installed ever since in Europe only. Our high-performance cutting plotters are designed for vinyl cutting, contour-cutting and through-cutting. Our cutting plotters in a nutshell :

- Fast, powerful and accurate
- Best-in-class user comfort
- Drag knife & tangential knife technology
- Optimum media transport & finest cutting quality
- Automatic registration mark detection
- Barcode support on selected models

ValueCut 600
77 cm wide affordable desktop cutter for home/hobby and office users. Cutting width 61 cm. For volume vinyl cutting, semi-automatic contour cutting & short run through cut of full colour stickers and signs.

VC-600

Lite 140*

Lite 140
142 cm wide reliable no nonsense sign cutter. For volume vinyl cutting, fully automated contour cutting & short run through cut of full colour signs and stickers. Cutting width 135 cm   Barcode reading integrated.

ValueCut 1300
159 cm wide affordable sign cutter for office and professional users. Cutting width 132 cm. For volume vinyl cutting, semi-automatic contour cutting & short run through cut of full colour stickers and signs.

VC-1300

Advanced 160*

Advanced 160
164 cm wide professional, all-round sign cutter. For volume vinyl cutting, fully automated contour cutting & short run through cut of full colour signs and stickers. Cutting width 157 cm. Barcode reading integrated.

ValueCut 1800
190 cm wide professional sign cutter. Ideal for office and professional users. Cutting width 183 cm. For volume vinyl cutting, semi-automatic & short run through cut of full colour stickers and signs.

VC-1800

Premium 160*

Premium 160
168 cm wide heavy duty tangential sign cutter for professional sign & display businesses and screen printers. Cutting width 158 cm. For volume vinyl cutting, fully automated volume contour cutting and through cut of full colour signs and stickers. Includes sheet off system. Will cut in thick, heavy and sturdy materials such as heavy standblast, floorgraphics laminates and reflective sheeting, ... Barcode reading integrated.

* : Only sold in combination with a ValueJet roll-to-roll printer.
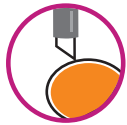
Choose Your Winning Combination!

	VJ-628	VJ-1324X	VJ-1604X	VJ-1624X	VJ-1638X	VJ-2638X	VJ-1638UR
Print Technology	Piezo	Piezo	Piezo	Piezo	Piezo	Piezo	Piezo
Print Heads	1	1	1	1	2	2	2
Media Width (mm/inch)	630 24.80	1371 53.97	1625 63.97	1625 63.97	1625 63.97	2600 102.36	1625 63.97
Fast Print Only Speeds (m²/h) [1]	9	11.8	11.5	14.5	20	22	13.5[3]
Typical "Cruise Control Speeds" (m²/h) [2]	5.9	6.0	7.0	10.0	15	16	5.2[3] 2.5[4]
Ink Type	Eco / UMS	Eco / UMS	Eco / UMS	Eco / UMS	Eco / UMS	Eco / UMS	Flex LED UV
Ink Colours	CMYK	CMYK	CMYK	CMYK	CMYK	CMYK	CMYKWhVa

1: The indicated speed is used for speedy output of 'print only' work.
2: The indicated speed is used for worry-free printing, allowing the broadest type of work and graphic selection ranging from poster to small detailed stickers for short viewing distance.
3: 2 x CMYK setup
4: CMYK+ Wh or CMYK + Varnish

	VC-600	VC-1300	VC-1800	Lite 140	Advanced 160	Premium 160
Cutting principle	Drag	Drag	Drag	Drag	Drag	Tangential
Max Speed (dia) (mm/s)	1530	1530	1530	1131	1131	1410
Acceleration (dia) (G)	4.2	4.2	4.2	3	3	5.5
Max Cutting Force (g)	600	600	600	400	400	600
Max. Media Width (mm)	770	1594	1900	1420	1640	1680
Cutting Width (mm)	610	1320	1830	1324	1575	1580
Max. Media Thickness (mm)	0.8	0.8	0.8	0.8	0.8	1.2
Pinch Rollers	3	4	6	3	4	4
Auto Sheet Off	-	-	-	-	-	Yes
Registration Marks	Yes	Yes	Yes	Yes	Yes	Yes
Barcode Support	-	-	-	S	S	S
Stand Included	O	S	S	S	S	S
Media Collection Bag	O	S	S	O	S	S

O : optional / S : standard / - : not available

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