MUTOH

PRINT2CUT

👉 Choose Your Winning Combination!

	VJ-628	VJ-1324X	VJ-1604X	XPJ-1641SR	XPJ-1682SR	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	18.1	33.1	22	13.5[3]
Typical "Cruise Control Speeds" (m²/h) [2]	5.9	6.0	7.0	8.5	15	16	5.2[3] 2.5[4]
Ink Type	Eco / UMS	Eco / UMS	Eco / UMS	MS41/UMS11	MS41/UMS11	Eco / UMS	Flex LED UV
Ink Colours	CMYK	CMYK	CMYK	CMYK	CMYK, Lk,Lm,Lc[5]	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
5 : MS41 available in CMYK, Lk, Lm, Lc. UMS11 available in CMYK. Speed depends on colour setup: 2 x CMYK or CMYK, Lk, Lm, Lc.

	VC-600	VC2-1300	VC2-1800	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	1990	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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👍 Mutoh Print & Cut Solutions
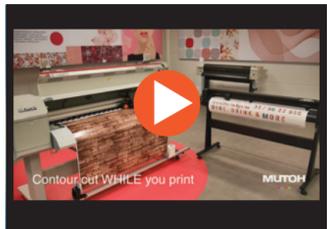
- **Choice Means Control**
  - Choose any XpertJet/ValueJet printer and team it up with any of our cutting plotters
  - Choose the ink-type to suit your application and volume requirements
  - Choose between drag knife or tangential technology cutters to cover basic, advanced or heavy duty cutting jobs
- **Productivity** – Print! Cut! Print & Cut!
- **Reliability** – thanks to the integrated barcode reader on the cutter, you safely eliminate the risk of sending the wrong cutting data. No more wasted substrate(s), inks and resources!
- **Flexibility** – Cover a wide range of print and cut applications and prepare for rush jobs with peace of mind
- **Expandability** – Ready to grow with your business

WATCH MOVIE

Mutoh Print & Cut Solutions

Make the Smart Choice...

Enjoy the multiple benefits of Mutoh's print and cut solutions: **two machines working both independently and together. Take control of your workflow!**

Mutoh's printer and cutter combinations offer you the highest level of flexibility for your print, cut and print-to-cut applications. **Print and cut simultaneously**, print faster on a wide 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 Mutoh wide format printer with any of our cutting plotters. Doesn't that sound great?

For print-to-cut applications, our print & cut combinations offer you an **automated workflow** controlled from **one single production application** - Mutoh Edition software developed with both Onyx Graphics and SAi.

Our XpertJet & 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 and for speed production of indoor and outdoor signs.

Our cutting plotters - available in widths from 77 cm to 199 cm (30" - 78") - are fit for vinyl cutting as well as contour-cut and through-cut applications. All models integrate a laser sensor which recognises **registration marks on preprinted graphics** for error-free cutting. With our Lite 140, Advanced 160 and Premium 160 cutters, manual intervention is fully eliminated thanks to **integrated barcode reading, offering a truly foolproof print-to-cut workflow**.

A clever investment covering your needs for today and tomorrow!

PRINT

CUT

CONTOUR-CUT

REGISTRATION MARKS

BARCODE SUPPORT

PRODUCTION SOFTWARE

PRINT

Printers for sign and display applications provide the bedrock for most print providers, the work-horses on which most business are dependent. Our knack for design and engineering means we have a stable of products designed to match your needs – great performance, ceaseless production. Ever since 2007, more than 15000 Mutoh sign & display wide format printers were installed in Europe alone.

Our XpertJet & ValueJet range in a nutshell :

- Professional printers integrating proven technology made in Japan
- Mutoh i² Intelligent Interweaving & DropMaster print technology inside
- High quality, ultimate performance
- Easy to install, operate and maintain
- CMYK, Lk, Lc, Lm MS41 and CMYK Eco-Ultra / Eco-Solvent inks.
- Universal Mild Solvent cost-effective durable inks for long-term outdoor & indoor applications.
- CMYK LED UV inks with optional white and varnish for a glorious finish.

ValueJet 628
Compact 24" wide desktop or floor-standing printer. A great device for start-ups, small sign-makers, stores and quick-print providers. Sellable 720 dpi production speeds up to 9 m²/h.

VJ-628

XPJ-1641SR

XpertJet 1641SR
64" wide professional single head printer - for established sign makers and for large operations who wish to extend their capacity and flexibility. Sellable 720 dpi production speeds up to 18.1 m²/h.

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

XPJ-1682SR

XpertJet 1682SR
64" wide professional dual head printer - specifically developed for high volume production or production of sign & display graphics. Sellable 720 dpi production speeds up to 33.1 m²/h.

ValueJet 1604X
Entry-level 64" wide format printer. Will appeal equally to start-up sign-makers as well as existing print providers looking to go wider. Sellable 720 dpi production speeds up to 11.5 m²/h.

VJ-1604X

VJ-2638X

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.

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.

PRINT2CUT

ValueCut 600
77 cm wide affordable desktop or floor-standing cutter for home/hobby use. Cutting width 61 cm. For vinyl cutting, semi-automatic contour cutting and short run cut-through of 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 cut-through of full colour signs and stickers. Cutting width 135 cm Barcode reading integrated.

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

VC2-1300

Advanced 160*

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

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

VC2-1800

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 cut-through of full colour signs and stickers. Includes sheet off system. Will cut in thick, heavy and sturdy materials such as heavy sandblast, floorgraphics laminates and reflective sheeting, ... Barcode reading integrated.

* : Only sold in combination with a ValueJet roll-to-roll printer.

CUT

Mutoh has been a pioneer in cutting plotter technology since 1994 with an installed base of over 30,000 in Europe alone. Our high-performance cutting plotters are designed for vinyl, contour and through-cutting and offer the user:

- Speed, power and accuracy
- Best-in-class user experience
- Drag knife and tangential knife technology
- Optimum media transport and finest cutting quality
- Automatic registration mark detection
- Barcode support on selected models

ONYX

SAi