MUTOH

Creation, we make it happen...

日本製
Made in Japan

W630mm
Media width
Max.630mm

CMYK

XpertJet C641SR Pro

630mm Eco-Solvent Printer/Cutter

Feel the joy of creation and exciting designs!

Impressive print speed and high image quality

1. **High-speed printing and high image quality**
   Single AccuFine print head model with larger size and higher density
2. **MUTOH's first Printer/Cutter**
   Equipped with contour-cut and through-cut cutting types
3. **Various output methods and installation styles**
4. **Compact and lightweight**
5. **Enhanced usability features**

What can I make with this printer?

Impressive print speed, high print quality, and various usability features
MUTOH's first Printer/Cutter machine

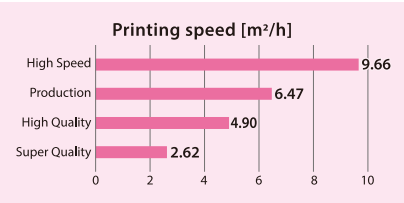
XpertJet C641SR Pro

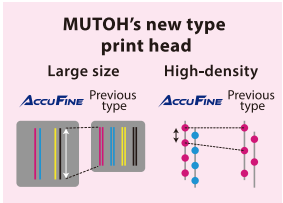
This new machine is equipped with both printing and cutting functions. After printing, you can either freely cut out your designs or cut them while leaving the release liner layer intact.
With this printer on its own you can easily create a variety of products for numerous purposes, such as stickers, POP advertising, store decorations, posters, and even printed T-shirts.

XpertJet C641SR Pro's strong points

Print speed

Equipped with MUTOH's new type print head AccuFine: a large and high-density print head with improved ink landing accuracy, high-speed printing, and high image quality. The print speed is up to 2.3 times faster than our previous models, which makes it extremely productive.





Easy to install, compact printer body

Its compact size and light weight make this printer easy to install, meaning it can be operated according to your preferred style. Use it on a desk top or in a combination of a dedicated stand with a take-up system. This machine can be operated according to your needs even in limited spaces, such as offices or stores.

Dedicated stand (optional)

Take-up system (optional)

Take-up system that supports media up to 10kg. Attach it to the dedicated stand and start winding the printed media.

Various usability features

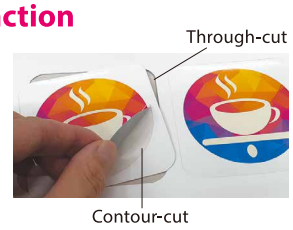
Equipped with a wide range of ease-of-use functions that lift the burden from the operator:

- **Automatic Bi-D adjustment (DropMaster2)**
- **Automatic media feed adjustment (FEED MASTER)**
- **Media roll balance management with a barcode (Media Tracker)**
- **Print using selected areas of active nozzles when clogged nozzles fail to recover with Nozzle area select**
- **Media cutting automatically cuts the media off after printing is finished**
- **Print head height adjustment with a single pull of a lever (2 levels)**

Newly developed cutting function

Cutting type

Supports both "contour-cut" and "through-cut" cutting types. The former cuts through the media leaving the release liner layer intact, while the latter one cuts all the way through the release liner while leaving connecting seams.



Cutting functions

- **Cutter**
  Newly developed contour cutter. Cutting speed can be set within the range of 20~150 mm/sec and cutting force within the range of 30~300 gf.
- **Media pressure arms**
  Two pressure arms installed on either side of the platen can be moved to match the width of the media and securely hold it in place.
- **Cutting mat**
  Dedicated mat installed on the platen in the area where cutting is performed. If it becomes damaged, it can be replaced as a consumable item.

Cut quality settings

You can select between three types of cut quality settings for curved lines. Choose based on the balance between quality and speed according to the level of curvature of the cut data or the intended use.

Quality	Prioritize cutting quality over speed
Production	Balance out cutting quality and speed
High speed	Prioritize speed over cutting quality

Depending on the variations and quantity of curves in the cutting data, there may be no difference in the overall cutting speed.

MUTOH genuine ink

VJ-MS31 ink

This genuine ink is exclusive to MUTOH's eco-solvent printers. It has a wide color gamut, high-quality printing capabilities, as well as excellent weather, abrasion, and chemical resistance. It doesn't easily clog the nozzles and is low-maintenance. Moreover, VJ-MS31 is"GREENGUARD Gold" certified and suitable for use in indoor applications.

UL GREENGUARD GOLD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

UL GREENGUARD Gold Certification

Ink set: 4 colors (Cyan, Magenta, Yellow, Black)
Capacity: 220ml cartridge, 1000ml ink bag

Software・Services

Genuine RIP software VerteLith

Convert data from different graphic applications into a format that can be printed and send it as print/cut data.

VerteLith

MUTOH Status Monitor (MSM)

Check printer status and operate your printer on PC. You can also check your printing history and costs.

MSM MUTOH Status Monitor

MUTOH Club

Free cloud service that offers MUTOH printer users access to important resources, including new software.

MUTOH

Product specifications

Printer model		XPJ-C641SR-P
Print head	Print method	On-demand piezo drive system
	Head height	Low:1.5mm High:2.8mm
Media	Width *1	Maximum:630mm Minimum:198mm
	Maximum thickness (Printing)	0.4mm (Hand height : Low) *Maximum media thickness that can be installed : 0.8mm
	Maximum thickness (Cutting)	0.4mm with liner and 0.22mm without liner
	Diameter	Φ150mm or less
	Core diameter	2 inches or 3 inches
	Weight	9kg or less
Maximum printing/cutting width		590mm
Ink	Type	VJ-MS31 eco-solvent ink
	Color	4 color (C, M, Y, K)
	Capacity	220ml cartridge/1,000ml ink bag *2
Cutting speed		20~150mm/sec
Cutting force		30~300gf
Cut quality		3 levels (Quality, Production, High Speed)
Media heating		OFF/30℃~45℃

Interface	Ethernet(10BASE-T/100BASE-TX)
Power supply	Voltage:AC 100V~120V±10%/200V~240V±10% Frequency:50Hz/60Hz±1Hz
Environmental condition	Temperature:20℃~32℃ Humidity: 40%~60%RH No condensing
Power consumption	Operation:215W (800W peak), Sleep mode:13W or less
External dimensions (W×D×H)	1,190mm × 438mm × 366mm (Body) 1,190mm × 590mm × 1,166mm (Including stand)
Weight	Printer body:34kg Stand:VJ628-STD 8.7kg, IJ-STDX-01 10.2kg
RIP software	VerteLith (MUTOH genuine RIP software)

*1 Only within the following limits,
198~228mm, 283~313mm, 344~374mm, 394~424mm, 444~474mm, 494~524mm, 602mm~630mm
*2 When ink bags are attached, dedicated adapters are required.

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- The contents of this catalogue are current as of February 2025.
- Product specifications and appearance are subject to change without notice after improvement revisions, etc.
- Images used are for illustrative purposes only. They may differ from the actual printed products.

Learn more about MUTOH at: https://www.mutoh.co.jp/en/

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