

MUTOH

XpertJet C641SR Pro

Bring Professional Print & Cut To Your Benchttop



Better - Faster - Easier



Vibrant Colors & Rich Smooth Tones: Eye-catching, vibrant colours that make your designs pop, whether it's bold graphics or tonal images.

Exceptional Fine Detail: From intricate patterns to tiny text, achieve crisp, sharp results for flawless prints at any scale.

Long-Lasting Durability: Mutoh MS31 ink offers superior resistance and durability - perfect for both indoor and outdoor applications.

Best in Class ROI: High-speed output to print more in less time, allowing you to fulfill larger orders or meet tight deadlines. Print smarter, not slower.

Effortless Print & Cut: Create professional-grade stickers with ease and accuracy in one seamless process.

Cut Coloured Vinyl & Specialty Films: Expand your design possibilities by cutting through coloured vinyl, and specialty films, perfect for everything from signage to unique projects.

Two Cutting Functions for Maximum Flexibility:

- *Contour Cut:* Cut through the surface layer of self-adhesive vinyl, leaving the backing intact.
- *Through Cut:* Cut all the way through the surface and carrier layer, creating removable sections or perforated designs.



Apparel



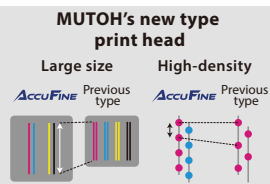
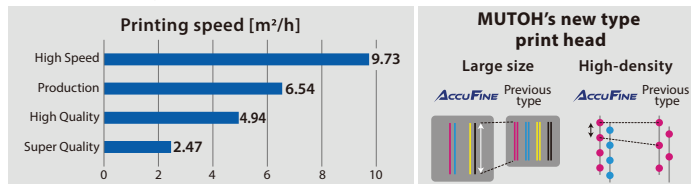
Stickers



Signage

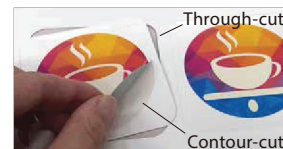
Print speed

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.



Cutting types

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.



Award-winning RIP software included

Mutoh's easy-to-use RIP software converts files from different graphic applications into a format that can be printed and sent as print/cut data while delivering unmatched image quality and workflow efficiency.

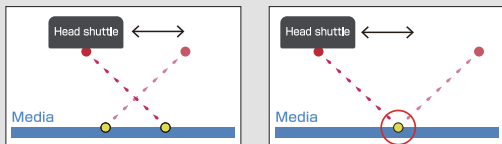


MUTOH's unique technologies for automation and efficiency

Automatic Bi-D adjustment

DropMaster 2

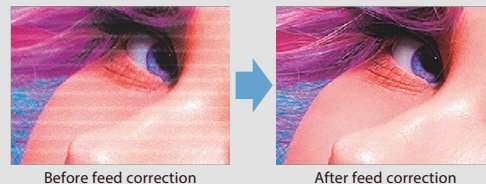
A built-in sensor on the carriage automatically calibrates bi-directional alignments saving time and delivering sharp prints.



Automatic media feed adjustment

FEED MASTER

By printing a print pattern and reading it with a sensor, paper feed correction is performed automatically.



Nozzle Selection function

Nozzle Area Select

Nozzle area select temporarily prints using selected areas of active nozzles when clogged nozzles fail to recover. It is a reliable function that ensures seamless operations.



Media roll balance management

Media Tracker

Media Tracker tracks the remaining media by printing a barcode before removing the roll. Scan the barcode to manage the remaining media.



MUTOH genuine ink

MS31

Exclusive to MUTOH's eco-solvent printers, MS31 has a wide colour 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, MS31 is "GREENGUARD Gold" certified, which proves that this ink does not release harmful levels of chemicals into its surrounding areas.



Specifications

Print head	Print method	On-demand piezo drive system
	Head height	Low: 1.5mm, High 2.8mm
Media	Maximum roll media width	Maximum 630mm
	Maximum thickness (Print)	Low: 0.3mm, High: 0.8mm
	Maximum thickness (Cut)	0.4mm with liner and 0.22mm without liner
	Size	Φ150 mm or less / 2" or 3" core / 9kg or less
Maximum printable width		600mm
Ink	Type	VJ-MS31 eco-solvent
	Colour	4-Color (Black, Cyan, Magenta, Yellow)
	Capacity	220ml cartridge / 1000ml ink bag ^{*1}

*1 Dedicated adaptors are required for ink bags

Cutting speed / force	20~15mm/s / 30~300gf
Print resolution	Maximum 1200dpi
Interface	Ethernet (10BASE-T / 1000BASE-TX)
Power supply	AC 100V~120V ±10% / AC 200V~240V ±10% 50/60Hz ±1Hz
Environmental condition	Temperature: 20°C~32°C Humidity: 40%~60% No condensing
Power consumption	Operation: 215W (800W peak), Sleep mode: 13W or less
External dimensions (W) x (D) x (H)	1,190mm x 438mm 366mm (body)
	1,190mm x 590mm x 1,166mm (including stand)
Weight	Printer: 34kg Stand: 10.2kg
RIP software	VerteLith (MUTOH genuine RIP software)

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