

# MUTOH

Creation, we make it happen...



# XpertJet 1642WR

Water-based Inkjet Printer



Media width  
Max.1625mm



Dual Head



CMYK

## High productivity, print quality and user convenience

MUTOH's new XpertJet 1642WR is a 64" - 1625mm wide water-based inkjet printer with a new platform that inherits the properties of XpertJet series. Two new extra wide print heads achieve high productivity with incredible print speed, and highest print quality thanks to best in class dot placement accuracy. Various new features provide improve user convenience.

The MUTOH original dye-sublimation ink provides superior media transfer, achieves high density colors with less ink consumption. The fast ink drying enables printings on thinner/lighter transfer papers, and excellent jetting and color stability support prolong printing.

The XPJ-1642WR delivers high quality graphics onto a wide range of materials such as trade show graphics, flags, banners, custom interior designs, apparel, sports uniforms and more.

The XPJ-1642WR brings the best "Made in Japan Quality" to the various markets.



# MUTOH “Made in Japan Quality”

## Newly developed print head



Two new extra wide piezo print heads achieve typical production speed between 20.83m<sup>2</sup>/h and 74.48m<sup>2</sup>/h. Extremely precise ink dot placement provides higher print quality even at high print speeds.

## Automatic nozzle checking



Automatically detect missing nozzles and clean the nozzles to continue the operations.

\*This function does not guarantee for the perfect accuracy of detection.

## Nozzle Area Select



Print temporarily using blocks of active nozzles when clogged nozzles failed to recover

## Enhanced media handling and transport



### • 4 step PG settings

Select optimal height on print head from 4 step PG setting to reduce the risk of print head contact



### • Multi-Stage pressurizing mechanism

Enhance feed stability for a wide range of media. Even thin roll papers can be fed smoothly with adaptable pressure.



### • Heavy duty take-up unit

An optional heavy duty take-up system supports roll media weights up to 100kg

## DropMaster 2



Built-in color sensor on the carriage automatically calibrates bi-directional alignments, and saves time and reduces variation in adjustment among different operators.

## Feed Master



The built-in color sensor allows for automatic media feed adjustment using “Feed Master”.



Before feed correction



After feed correction

## Media Tracker



Print a barcode before removing media. When the media is loaded again, the built-in color sensor reads the barcode and recognizes the amount of media remaining

## MUTOH dye sublimation ink DH21



4 colors (K,C,M,Y)

1000ml / 2200ml ink bag

- Superior media transfer
- Media compatibility
- Color Rendition
- Excellent jetting and color stability

XpertJet		XPJ-1642WR
Print head	Print method	On-demand piezo drive system
	Head height	Four-level adjustment of Low 1: 1.5mm, Low 2: 2.0mm, Mid.: 2.5mm, High: 4.0mm
	Number	2 staggered
Media	Width	Maximum 1625mm
	Max. thickness	0.04~1.0mm
	Measurements	Ø200 mm or less / 2 inches or 3 inches / 30 kg or less
Maximum print width		1615mm
Maximum print length		1500m
Ink	Type	Dye sublimation ink “ DH21”
	Color	4-color (Black, Cyan, Magenta, Yellow)
	Amount	1000ml/2200ml ink bag
Print resolution		Max.1200dpi
interface		Gb-Ethernet (1000BASE-T)
Power supply		Voltage: AC 100V~120V ±10% / AC 200V~240V ±10% Frequency: 50/60Hz ±1Hz
Environment condition	Printer operation	Temperature: 20°C~32°C Humidity: 40%~60% No condensation
	Accuracy guaranteed	Temperature: 22°C~30°C Humidity: 40%~60% No condensation
Power consumption	Operation	AC100V~120V, 1450W or below / AC200V~240V, 1470W or below
	Sleep mode	AC100V~120V, 23W or below / AC200V~240V, 20W or below
External dimensions (W) x (D) x (H)		Main body: 2770mmx895mmx1428mm(cover closed) / (when installing 2200ml ink bag cases:1712mm)
Weight		Main body: 137kg Stand: 32kg
RIP software		FlexiSIGN & PRINT MUTOH Edition, ONYX