MUTOH

Creation, we make it happen...

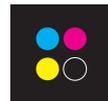| W1625mm	CMYK	CMYK
Media width Max.1625mm	CMYK	CMYK White, Varnish

Renewed and improved

XpertJet 1682UR

1,625mm Roll to Roll UV LED Printer

WHY CHOOSE US

Productivity increased by 63%
Newly added mode that achieves maximum productivity of 27.3m²/h

Print up to 5 layers in one pass
Up to 5 layers can be printed in one pass without pullback

Greatly expanded application compatibility

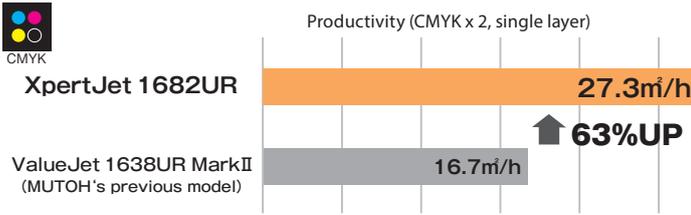### Using US61 ink that factors in health risks and follows EU chemical substance regulations

Upgraded functionality to assist the operator

Productivity UP

Newly added Draft mode that reaches the maximum productivity of 27.3m²/h

CMYK

Productivity (CMYK x 2, single layer)

XpertJet 1682UR — 27.3㎡/h
63%UP

ValueJet 1638UR MarkⅡ — 16.7㎡/h
(MUTOH's previous model)

Printing speed(m²/h)

Print mode	4 colors CMYK	6 colors CMYKWhVa	
	Single layer	Single layer	2 layers
Draft	27.3	13.2	7.1
High Speed	15.8	8.8	4.7
Production	13.0	6.8	3.4
Quality	8.9	4.4	2.0
High Quality	6.6	3.4	1.7

Layer printing – greatly expanded application compatibility

5 layers Print in one pass without pulling back

1st layer ▼ 5th layer

Print different designs on front and back

2·3 layers Achieve a variety of printing finishes by using white and varnish inks
Print window graphics and interior illuminated signs

Print on metallic media or transparent film

Varnished lettering

Illuminated signage that looks great with or without the backlight on

4 layers Print backlit signs that change design with lights turned on or off

＊Images for illustrative purposes.

Lights on

Lights off

US61 ink, designed with health risks in mind

■ **Follows strict EU chemical substance regulations**
Safe composition that is free of substances classified as CMR Category 1 (1A,1B) or SVHC (Substances of Very High Concern)

■ **Good flexibility and abrasion resistance**
Can be printed on flexible materials used as soft signage and window graphics

■ **Ink replacement takes less effort**
Can be replaced simply by changing the ink bag with less risk of touching the ink directly with your hands

■ **Low waste and long-term use**
Expiration date 12 months post manufacturing
Ink capacity of 800ml

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

UL GREENGUARD Gold Certification

Ease-of-use features

■ **Automatic Bi-D adjustment/automatic media feed adjustment**
Automates adjustments for each media type, reducing the burden on the operator

■ **Media roll balance management**
Manages the remaining media with barcodes, enabling efficient media consumption and usage

■ **Automatic nozzle checking unit/Nozzle selection function**
Safety function that does not stop the printing process, reducing downtime

＊Nozzle selection function is optional

■ **One-touch print head height adjustment**
Can be switched between 3 levels
Low：1.5mm, Middle：2.0mm, High：2.5mm

■ **Take-up system** ＊Optional
Maximum 30kg, supports printer linked operations

■ **Compatible with Genuine RIP software VerteLith**
Maximise printer performance and streamline workflow

VerteLith

■Specifications

Printer model		XPJ-1682UR
Print head	Print method	On-demand piezo drive system
	Head height	Low：1.5mm, Middle：2.0mm, High：2.5mm
	Number	2
Media	Roll media width	Maximum：1,625mm Minimum：500mm
	Maximum media thickness	Low: 0.3mm, Middle: 0.8mm, High：1.3mm
	Diameter	Φ200mm or less
	Core diameter	2 or 3 inches
	Weight	30kg or less
Maximum print width		1,615mm
Ink	Type	UV-LED ink (US61)
	Configuration	4 colour (C, M,Y, K), 6 colour (C, M, Y, K, White, Varnish)
	Capacity	800ml ink bag
Interface		Gb-Ethernet（1000BASE-T）

Power supply		Voltage: AC 100V～120V ± 10%/ AC 200V～240V ± 10% Frequency：50/60Hz ± 1Hz
Environmental condition	Printer operation	Temperature：20℃～32℃ Humidity：40%～60% No condensing
	Accuracy guaranteed	Temperature：22℃～30℃ Humidity：40%～60% No condensing
Power consumption		Operation: AC100V～120V/AC200V～240V, 950W or less Sleep mode: AC100V～120V/ AC200V～240V, 21W or less
Dimensions (W×D×H)		2,770mm × 895mm × 1,504mm (Including large capacity ink bag adapter)
Weight		181kg (Printer body：149kg, Stand：32kg)
RIP software		VerteLith（MUTOH genuine RIP software）

● All company and product names are registered trademarks of the respective companies.
● The contents of this catalogue are current as of September 2024.
● Product specifications and appearance are subject to change without notice after improvement revisions, etc.
● Some of the used images are for illustrative purposes only. They may differ from the actual printed products.

MUTOH