

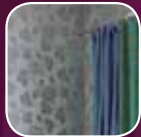
MUTOH

Creation, we make it happen...

viperX

extreme

Direct Textile Printers



High speed, high volume textile inkjet printers

Production speeds up to **36 m²/h**, top speeds up to **77 m²/h**

Purpose-built for direct printing onto fabrics

Ink gutter with waste drain and additional cylinder for fabric tensioning

Motorised unwinder/winder system for 100 kg rolls :
easy & efficient after-treatment

Connect to Mutoh's bulk ink refill system (BIS)

Water based direct disperse inks : deep & vivid
colours with excellent outdoor durability





The Mutoh 65" (165 cm) and 88" (224 cm) wide Viper TX Extreme direct-to-fabric printers will open up a host of new business opportunities for users wanting to print directly onto a wide selection of fabrics. Offering typical production speeds up to 36 m²/h, the printers are suited for soft sign, garment/apparel and industrial applications such as home furnishings. Utilising VOC free water based inks, Viper TX Extreme printers will print on fabrics with open and closed structure and are suited for low-cost high-quality sample creation (one-offs) and small production volumes.

Printer Specifications	Viper TX Extreme 65	Viper TX Extreme 90
Head Technology	8 High-end drop-on-demand piezo print heads – variable drop – 2 nozzle rows with 180 nozzles each/head – drop mass (ng): 11.5, 14, 23, 25, 28, 42, 50, 56, 69.5 and 83	
Maximum Media Width	1651 mm (65.00")	2240 mm (88.18")
Maximum Print Width	1641 mm (64.61")	2230 mm (87.79")
Media Thickness	0.05 mm – 1.5 mm	
Media Rolls	Maximum load: 100 kg - Maximum media diameter: 300 mm / Media core: 2" or 3"	
Media Thickness Compensation	Automatic media thickness compensation Variable - RIP controlled - Head Heights 1.2 mm, 2 mm, 3 mm & 4 mm	
Max. Print Speed / Production Speed	63 m ² /h / 32 m ² /h	77 m ² /h / 36 m ² /h
Resolutions	360 x 360 dpi, 720 x 360 dpi, 540 x 720 dpi & 720 x 720 dpi	
Intelligent Interweaving (i ²)	Mutoh's proprietary i ² print technology optimises print quality by ensuring predictability, reliability & consistent quality. <ul style="list-style-type: none"> • 4 colour output (flag, polyester,...) - 3 types : Stitch, Picture/Speed, Sign/Quality • 6, 8 colour output (cotton, silk,...) - 6 types : Stitch, Picture/Speed, Sign/Quality, Weave Set 1, 2 & 3 • Print modes: normal, double density, fast & fast high density (HD) 	
Colour / Ink Setup	4 colours : 2x4 CMYK (same ink type – double autonomy & high density) 6 & 8 colours : mix of process & spot colours possible	
Ink Capacity / Type	Indoor/Outdoor Applications : Mutoh water based direct disperse inks – 1 litre bottles – CMYK Indoor Applications : Mutoh high speed water based disperse dye inks – 1 litre & 5 litre bottles – CMYK Viper TX Extreme printers connect to Mutoh's optional bulk ink refill system (BIS)	
LCD Display	Backlight LED – 4 lines x 20 characters – Blue background / white text	
Interface	Ethernet Network Card 10/100base-TX / Centronics, IEEE 1284 compatible	
Graphics Command Language	RTL-PASS	
Print Engine Working Environment	Temperature: 18 – 27 °C (Δt max 2 °C/h) Relative Humidity: 40 – 65 % RH (no condensation - ΔRH max 5 % RH/h)	
External Dimensions in mm (W x D x H)	3071 x 791 x 1289 mm	3677 x 791 x 1289 mm
Weight	235 kg	255 kg
Power Consumption During Printing	during start-up: 130 W / during printing: 140 W up to 160 W / in stand-by mode: 80 W	
Power Supply	AC 100 – 120 V / AC 220 – 240 V 60/50 Hz	AC 100 – 120 V / AC 220 – 240 V 60/50 Hz

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