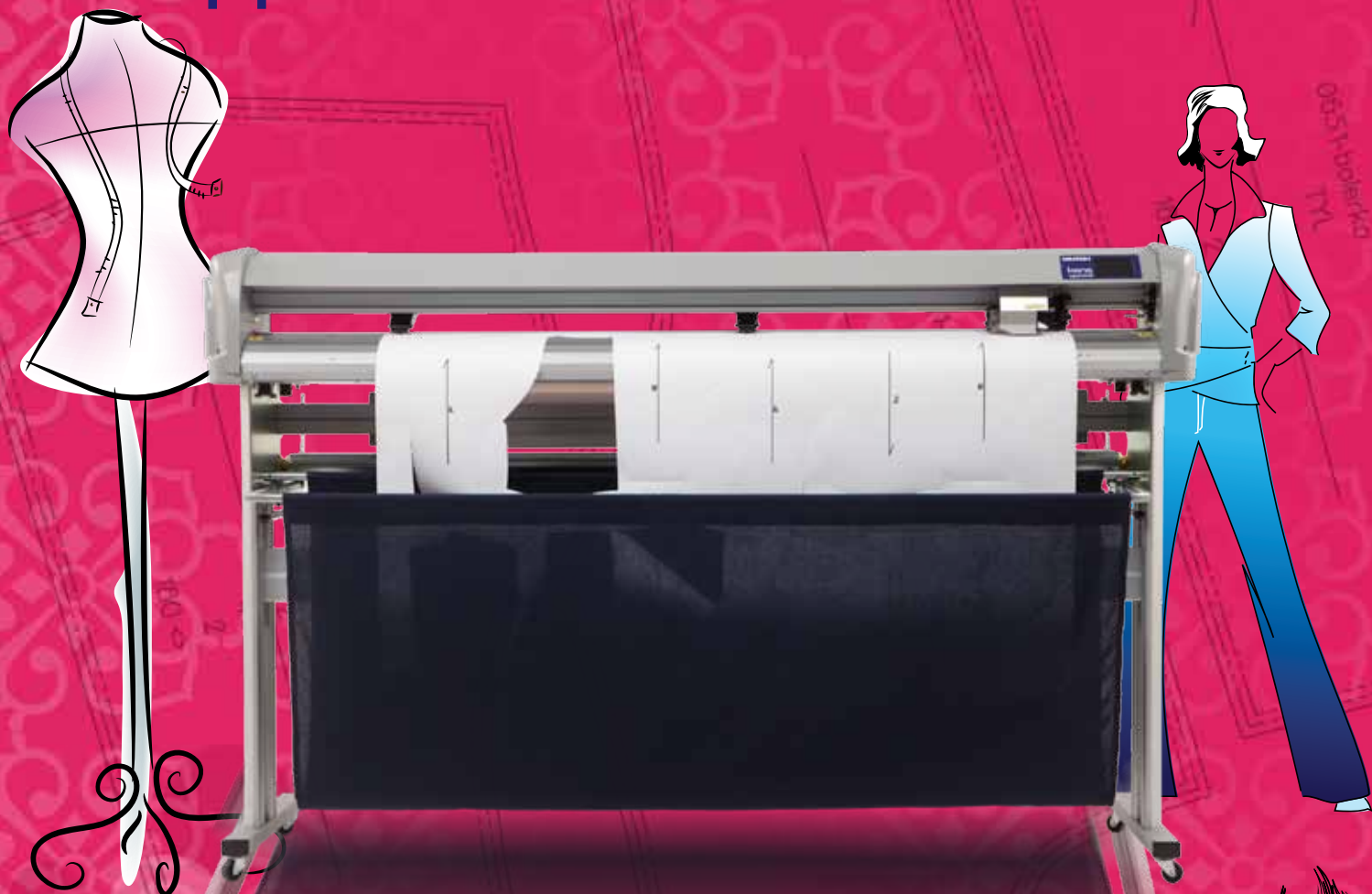


MUTOH

Creation, we make it happen...

kona apparel

Garment Pattern Marking / Cutting Plotters



Two models : 1385 mm (54") & 1635 mm (64")

Affordable and user-friendly

Fast throughput for maximum efficiency

Reliable long-length output

Dual tool functionality for automatic switching between
marking and cutting

Integrated sheet-off feature with four-sided blade

Multi-language full colour 3.5" LCD touch screen



Optimize your pattern design workflow with Mutoh's Kona Apparel garment pattern marking/cutting plotters ! These high speed plotters will ensure accurate plotting of marker lines on design templates and cutting of garment patterns. Cutting of perforation patterns is also possible, to enable clean and easy separation of individual pattern pieces after cutting.

The standard Kona Apparel incorporates a plotter stand on wheels, media support rollers and a media basket. A high-precision grit axis ensures reliable long length output which is typically required by garment professionals. It allows using standard media widths as well as off-cuts. Switching between marking and cutting is possible without any operator intervention. Two different tools (ball point pen, knife holder) can be loaded simultaneously. A sheet-off system with a rotatable four-sided cutting blade is also a standard feature.

The machines incorporate repositionable pressure rollers with adjustable pressure to accommodate a wide range of apparel papers, from 80 g/m² to 225 g/m². User settings can be done in a trice via the full colour 3.5" LCD multi-language touch screen.

Kona Apparel will fulfill the highest expectations when it comes to productivity, quick return on investment and years of reliable performance.

**kona
apparel**



Specifications	KONA APPAREL 1400	KONA APPAREL 1650
Max. Media Width (roll & sheet)	1640 mm / 64.5"	1890 mm / 74.4"
Max. Sheet-Off Width	1385 mm / 54.5"	1635 mm / 64.4"
Cutting Range	104 – 1365 mm / 4" – 53.7"	104 – 1615 mm / 4" – 63.6"
Media Thickness / Diameter / Weight	Max. 0.5 mm / Ø 230 mm / 30 kg	
Media Drive Mechanism	Micro-grit friction feed / Digital control servo motor	
Mechanical Resolution / Firmware Resolution	0.005 mm / 0.01 mm	
Max. Addressable Length	50 m	
Max. Guaranteed Cutting Area *	± 0.1 mm within a media moving frame of 3 metres	
Tool Up / Down Cycles	40 per second	
Pressure Rollers	3 - Adjustable pressure (low 33 N / high 50 N)	
Cutting Tool	Drag knife / 30° - 45° - 60° tungsten carbide blades	
Drawing Tool	Pressurised ball point pen	
Max. Speed / Acceleration	1000 mm/s (axial) - 1414 mm/s (diagonal) / 2.5 G (3.5 G diagonal)	
Cutting Force	20 - 450 g (adjustable in steps of 1 g)	
Interface / Input Buffer	USB 2.0 / 40 MB	
Graphic Language	MGL	
Compatible Computer Platforms	Windows, Mac & Linux environment	
Standard Included	Stand on wheels, basket, roll-off system, knife holders + ball point pen	
Power Requirements	100 – 240 V AC, 50 / 60 Hz, 1.5 A	
Working Environment	10 °C to 35 °C / 35 % to 75 % RH (no condensation)	
Dimensions (LxWxH) / Weight	1850 x 490 x 1150 mm / 56 kg	2090 x 490 x 1150 mm / 63 kg

*: Accuracy test performed on polyester film.

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