

# MUTOH

Creation, we make it happen ...

## SC-PRO Series

*Cutting Plotters  
for Sign Professionals*

1650

1400



*Two models – 64" (1650 mm) & 55" (1400 mm)*



*All-round easy-to-use professional plotters for signage, vehicle decoration, window graphics.... and contour cutting*



*Fast, powerful and accurate*



*Combo head for cutting/plotting and automatic sheet-off*



*Integrated Mutoh Epos technology for worry-free automatic contour cutting*



*Accurate long length contour cutting thanks to automatic multi-segment alignment*



Meet Mutoh's 5th generation cutting plotters, the SC-Pro Series, based on Mutoh's legendary SC-Series professional cutting plotters. Compatible with a broad range of sign making materials ranging from self-adhesive PVC to sandblast, the SC-Pro Series cutting plotters will swiftly and accurately cut & plot your designs.

The robust and user-friendly SC-Pro cutter from Mutoh allows long-length media transport and continuous sign cutting. In short, a cutter tailored to meet every application in the signcutting industry.

Moreover, the SC-Pro incorporates Mutoh's patented Epos technology and a unique job recognition feature, meaning contour cutting of pre-printed stickers & signs is performed with virtually no user intervention.

SC-Pro will be a perfect team player with any wide-format printer up to 64" capable of printing on PVC.

## Specifications:

	SC-Pro 1400	SC-Pro 1650
Max. Media Width (roll & sheet)	1600 mm - 62.99"	1850 mm - 72.83"
Max. Sheet-Off Width	1400 mm - 55.10"	1650 mm - 64.96"
Cutting Range	200 mm - 1385 mm 7.87" - 54.50"	200 mm - 1635 mm 7.87" - 64.37"
Max. Epos Measurement Width	1385 mm - 54.50"	1635 mm - 64.37"
Max. Speed	1000 mm/s (axial) / 1414 mm/s (diagonal) 39.37 ips (axial) / 55.67 ips (diagonal)	
Acceleration	2.75 G (3.85 G diagonal)	
Tool Up/Down Cycles	40 /s	
Cutting Force Range	20 g - 450 g / 0.2 - 4.4 N	
Max. Media Thickness	1 mm	
Max. Media Thickness - Sheet Off Knife	0.5 mm	
Pressure Rollers	4 - The 2 middle pressure rollers have reduced pressure and can be disabled to eliminate roller marks on sensitive or pre-printed media.	
Stand	Standard	
Media Drive Mechanism	Friction feed	
Cutting Principle	Drag knife	
Mechanical Resolution	0.005 mm (0.00019")	
Firmware Resolution	0.01 mm - 0.025 mm	
Accuracy	± 0.1% of moving distance or ± 0.1 mm, whichever is larger.	
Tracking	± 0.1 mm within a media moving frame of 4 metres.	
Interface	Standard: RS-232, USB & Ethernet	
Input Buffer	8 MB	
Graphic Language	MH-GL/2	
Multi-language Display	yes	
Configurable Origin	yes	
Offset Adjustment	yes	
Auto Sheet-Off Function + Replot Function	yes	
Contour Cutting Support	- Integrated Laser alignment - Single frame & multi frame - Automatic job recognition	
Keyboard	Detachable - LCD - 4x16 characters	
Power Requirements	100-240 VAC, 50/60 Hz, 1.5 A	
Dimensions / Weight:	2155 x 662 x 1259 mm / 100 kg 2155 x 1062 x 1259 mm / 100 kg	2305 x 662 x 1259 mm / 107 kg 2305 x 1062 x 1259 mm / 107 kg



Specifications are liable to changes without prior notice. All trademarks mentioned are property of their respective owners.

## MUTOH

MUTOH EUROPE N.V.  
Tel.: 32-(0)59-56 14 00  
Fax: 32-(0)59-80 71 17  
E-mail: [mutoh@mutoh.be](mailto:mutoh@mutoh.be)  
<http://www.mutoh.eu>  
<http://www.mutoheurope.com>

MUTOH Deutschland GmbH  
Tel.: 49-211-385474-0  
Fax: 49-211-385474-74  
E-mail: [Mutoh-Sales@t-online.de](mailto:Mutoh-Sales@t-online.de)  
<http://www.mutoh.de>

Distributed by: