

SS - PROTON PRO+

SCREEN ENGRAVER MACHINE /
CTS-COMPUTER TO SCREEN



Features :-

- ▶ Best quality printing using **RICOH®** G series printheads directly supplied By **RICOH®** Japan.
- ▶ Highly accurate motion using Japanese servo motor's on both axis with feedback from German make linear magnetic encoders.
- ▶ Remarkable performance using European electronics.
- ▶ Robust and rugged machine structure for the industrial environment.
- ▶ Negative Pressure Ink supply system for continuous usage.
- ▶ German make cables and wires.
- ▶ Japanese pneumatic valve.
- ▶ Taiwanese silent guide rail.
- ▶ Automatic ink level detection and low ink warning system

SS - PROTON PRO+

Technical Specifications :-

Model Name	SS Proton Pro+
Print Method	Flatbed
Print Head	Ricoh Industrial Printheads
No. Of Print Heads	Upto 4
Electronics	European
Encoder	Linear magnetic encoder on both axis
Ink Delivery System	Negative pressure ink supply system
Print Resolution	Upto 1800 dpi
Operating Software Supported	Windows® 7 & 10
Standard Sizes	60"x90", 72"x72", 90"x120", 120"x120"
Max. Frame Size	118x168 inch
Customized Sizes Upto	As per requirement
RIP Supported	Photoprint* / maintop*
Output Interface	Ethernet
Power	220v ; 50hz ±1hz
Operation Environment	Temp. 18-24 °C Humidity 50-65% Non Condensing

Difference between regular Epson based machine and new **SS PROTON PRO+**

	New SS Proton Pro+	Epson based machine
Printhead make	RICOH®	Epson®
No. of printhead's	2 / 4	One
Printhead warranty	6 Months*	No warranty
Electronics	European	Chinese
Encoders	Linear magnetic encoders	Plastic chinese encoders
Ink supply system	Negative pressure	Direct tank system

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EPSON®

Technical Specifications :-

Print Technology	Piezo DOD Inkjet Technology
No. Of Print Heads	One
Print Head Make	Epson®
Print Resolution	Upto 1440 dpi
Max. Print Size	120" x 120"
Standard Sizes	60"x90", 72"x72", 90"x120", 120"x120".
Operating System Supported	Windows® 7
Output Interface	USB / Ethernet
Ink Supply System	Bulk ink suply system
RIP Supported	Photoprint® / Maintop®
Working Environment	Temp. 18-24 °C Humidity 50-65% Non Condensing
Power	220v ; 50Hz ±1Hz

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Technical Specifications :-

Print Technology	Thermal DOD Inkjet Technology
No. Of Print Heads	One
Print Resolution	Upto 1200 dpi, 640 Nozzle
Max. Print Size	58'x120'
Standard Sizes	58"x60", 58"x90", 58"x120".
Operating System Supported	Windows® 7
Output Interface	USB
Ink Supply System	Bulk Ink Supply System
Driver	Directly From Adobe Photoshop*
Working Environment	Temp. 18-24 °c Humidity 50-65% Non Condensing
Power	220v ; 50hz ±1hz