

SAMAR INKJET INNOVATION INDUSTRY

SMR Piezo Rotary Spiral Inkjet Engraver Machine



Piezo Technology

The SMRPRS-72 offers the latest Epson DX5 Micro Piezo print head technology. The double row of print head with 1440 nozzles print screen in black ink of 1440 dpi, and engraver using black ink, the SMRPRS-72 Series is capable of printing in ultra-fine variable dots from 1 picoliter to 21 picoliter, making this flatbed one of the highest inkjet engraver on the market today.

How to Work

This technology use Piezo crystal. A Crystal is located at the black of the ink reservoir of each nozzle. This Crystal receives a tiny electric charge that causes it to vibrate. When it vibrate out, it pulls some ink into the reservoir to replace the ink sprayed out.

Other modals in This Machine

SMRPRS 60
SMRPRS 60T
SMRPRS 98
SMRPRS 125



Salient Features

- * Minimization of joint problems since the whole screen is exposed at one instance.
- * The quality of designs exposed are far superior to the film based exposing.
- * Reduction in step for screen preparation means faster outpur.
- * Cost redction up to 30% is possible due to the minimization of screen rejection.
- * Faster preparation of repeat designs as no time is needed to locate the achieve films.
- * Minimization or elimination of registration issues.

Specification

Modal No.	SMRPRS 72
Screen Circumference (Repeat)	640mm, 820mm, 914mm, 1018mm
Print head	Epson DX5, Piezo Electric Tech.
Resolution	1440 dpi
Machine Dimension	4*1*1.5 Meter
Computer Interface	10/100M Network (Ethernet)
Maximum Screen Length	1850mm
Maximum printing Length	Upto 1950mm
Environment Temperature	20 c to 25 c
Humidity	40% to 60%
Voltage	AC 220V
Frequency	50Hz/60Hz
Engraver	650w
Standby	300w
Weight	600kg
Ink Delivery	Continuous Ink Supply Systems With Refillable Reservoirs
Acceptable File Formats	TIFF
RIP System	Maintop
Head Cleaning Syatam	Automatic Mechanism

Extra Features

- * Computer System inbuilt in machine
- * Air pump & Touch panel units inbuilt in machine
- * Exposing units inbuilt in machine

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