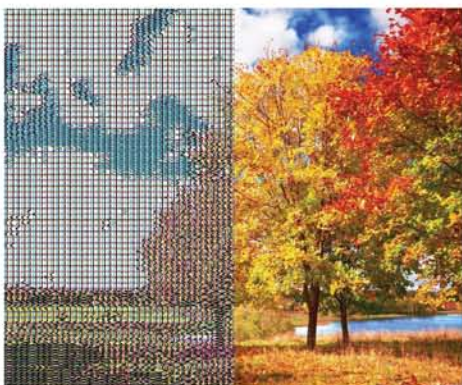![SWF logo]

# MAS-12

Single Head Automatic Embroidery Machine

## SES
## (Smart Embroidery Machine)

Allows you to instantly convert photos
into embroidery-ready designs

# SWF

## MAS-12
### Single-Head Automatic Embroidery Machine

### Functions

- Returns to the start position
- Float Stitch function
- Frame backward
- Automatic thread trimming
- Automatic upper/lower thread break sensing
- The reason for machine stop is displayed
- Setting speed and current speed are displayed clearly on the screen

- Includes an edit function
- Ability to set the frame movement speed
- Compatible with USB memory sticks
- Compatibility of binary/tertiary data code
- Other code auto sensing
- Remaining memory capacity is clearly displayed on the screen

*Including a range of new features, to make embroidering your designs easier than ever*

### Features

- Laser pointer
- Photo stitch digitising function
- Free-Hand stitch function
- Supports wide cap frames

- Reach speeds of up to 1,000 RPM for high productivity
- Compact and elegant design
- Capable of producing a wide range of embroidery

### Specifications

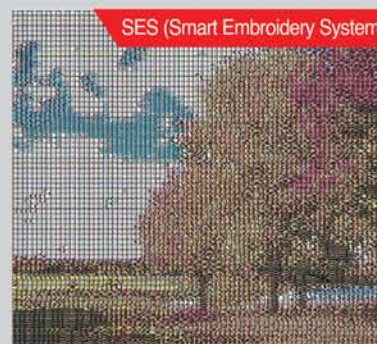| Specifications | | | |
|---|---|---|---|
| Embroidering Range (mm) | Inner Space | Wide Cap Frame | 360 x 75 |
| | | Semi Wide Cap Frame | 180 x 83 |
| | | Tubular Frame | 360 x 230 |
| Machine Size[L x W x H]mm | | | 870 x 836 x 764 |
| Machine Size[L x W x H]mm [Table Stand] | | | 870 x 836 x 1,534 |
| Speed | | | Max, 1,000RPM |
| Stitching Length | | | 0.1-12.7mm |
| Motor | Main | | BLDC Motor x 1 |
| | X-Y | | Pulse Motor x 2 |
| Electricity | | | 1-Phase Free Voltage[100~240V] / [50/60Hz] |
| Power Consumption | | | 500 W |
| Bobbin Winder | | | Standard |
| Operation Box | | | Color LCD Touch Screen[New Operation Box] |
| Hook | | | Standard Hook |
| Memory Capacity | | | Standard 40,000,000 Stitches |
| Memory Media | | | USB Memory Stick |
| Safety Device | | | Standard: Emergency Stop, Error Code Message |
| Optional Device | | | Cap Frame[Semi/Wide] |

\* Specifications and appearance of products are subject to change without notice for the performance improvement.

### Technology

**Operation Box**

- 10.4" Graphic LCD screen
- USB Port support
- Touch Type user Interface
- LAN Port added for network
- USB Slave Port added for PC connection
- High resolution screen composition

**SES (Smart Embroidery System)**

- Convert photos directly into embroidery data without further editing
- Allows beginners to create brilliant designs easily