

# DSP SERIES

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**JUKI**

*Mind & Technology*

## DSP-M

PERFORATION, SEWING, & EMBROIDERY

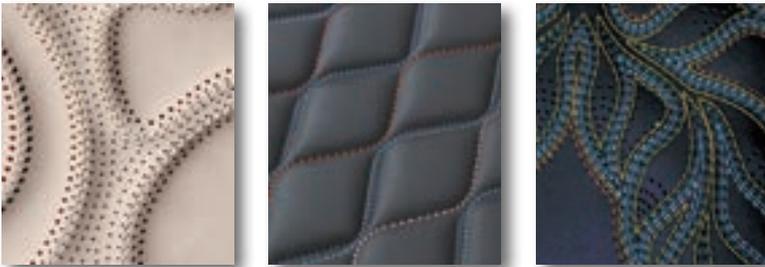
## DSP-E

SEWING & EMBROIDERY

## DSP-P

PERFORATION

*Perforation, Multi-Color Sewing  
and Embroidery Machine*





# DSP-M

PERFORATION, SEWING, & EMBROIDERY

All within this one machine



# DSP-E

SEWING & EMBROIDERY

Create beauty with colorful stitches

*Groundbreaking designs emerging from our exploration of new technologies*



*Perforation, Multi-Color Sewing and Embroidery Machine*



# DSP-P

PERFORATION

Explore unprecedented designs possibilities with perforated dots

*Perforation Machine*

# DSP-M

PERFORATION,  
SEWING  
AND EMBROIDERY



## Perforate, sew and embroider - all within this one machine

Perforation, Multi-Color Sewing, and Multi-Color Embroidery can all be accomplished on this single machine without replacing or re-aligning the material so there is no worry about design displacement. The machine can also be used to make samples for product development purposes.



## FEATURES

### Precision and usability, fully incorporating JUKI's embroidery technologies



#### High-precision and Stable Finish

Due to the structure supporting the frame in the back **A** on the right side **B**, frame movement is stable and provides high-precision hole making, sewing and embroidery.

The machine incorporates many of our main functions achieved through our many years of experience for color change, sewing finish and thread trimming.

#### Wide work area

For the electronic pattern sewing machine head, the "Bridge Type" is adopted instead of the space-constraining "Arm Type," so that a wider work area **C** can be achieved as compared to a common sewing machine. It allows a wider application of embroidery to such large items like car seats and furniture.

## DESIGN

### Special application for design creation

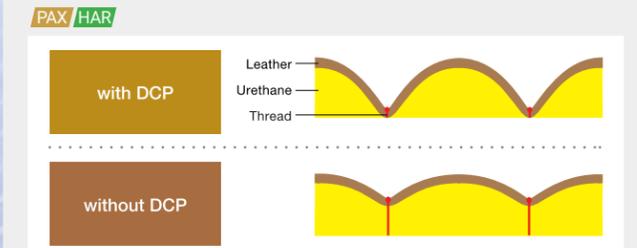


The exclusive digitizing software "DG-S" helps to create designs without degrading the designers' creativity. The created designs can be easily edited, reducing mistakes caused by trial and error. Illustrator and/or CAD data can be converted to perforating data and/or sewing data. \*DG16 is required for creation of embroidery data.

### Flexibility with small-lot productions

By creating a set of embroidery patterns based on the data, you can drastically reduce the costs and time for making molds.

### Digitally controlled presser foot [DCP]



When real leather and urethane are sewn together during machine quilting, the increase level of the presser foot may be set at a low level so that the elastic urethane can be held down securely while still maintaining its volume. This prevents the thread from loosening and creates a voluminous finish.

## OPTIONS



**DG-S**  
Software for embroidery data creation that can read vector files. (Adobe Illustrator, Corel Draw) and/or CAD data.



**Gauge Frame**  
A frame for fixing the material on the table.



**Bar Code Reader**  
A function that checks the design data against the actual fabric to prevent human errors.



**Auto PP Tape Feeder**  
A mechanism that automatically feeds the PP tape for catching the perforator with the minimum waste, contributing to cost effectiveness. \*Auto double PP tape feeder also available.



**Auto Double PP Tape Feeder**  
A two-reel version of the auto PP tape feeder that feeds doubled tape for stable perforation.



**Vacuum Device**  
Used to collect dust if there is no air control system in the building.



**ABC: Auto Bobbin Checker**  
A device that detects the remaining amount of under thread to prevent the occurrence of errors caused by unexpected thread breakage.



**UBCII (4-pole spec)**  
A mechanism that holds up to 3 spare bobbins and exchanges bobbins for all the heads at once in as fast as 16 seconds at maximum. Drastically reduces downtime for bobbin exchange.



**Exclusive Presser Foot for Sewing Heads**  
The presser foot can be selected from 3 types according to the material type and the sewing method.



**Thread Loosening Device**  
A device that reduces errors at the start of embroidery by lowering the pressure on the upper thread during thread cut and stabilizing the cut surface.



**Perforating Knife**  
There are 4 types of perforating knives available (dia. 0.8mm, 1.0mm, 1.5mm and 2.0mm).



**Synchronized Vacuum System**  
Air suction route is automatically optimized in accordance with the needle bar movement.

# DSP-E

SEWING AND  
EMBROIDERY



## High-quality sewing and embroidery expressed in multiple colors

Enhance beauty with colorful stitches. Break the norms of furniture, shoe, bag, and car interior designs.



## FEATURE OPTIONS



### ABC: Auto Bobbin Checker

A device that detects the remaining amount of under thread to prevent the occurrence of errors caused by unexpected thread breakage.



### UBCII (4-pole spec)

A mechanism that holds up to 3 spare bobbins and exchanges bobbins for all the heads at once in as fast as 16 seconds at maximum. Drastically reduces downtime for bobbin exchange.

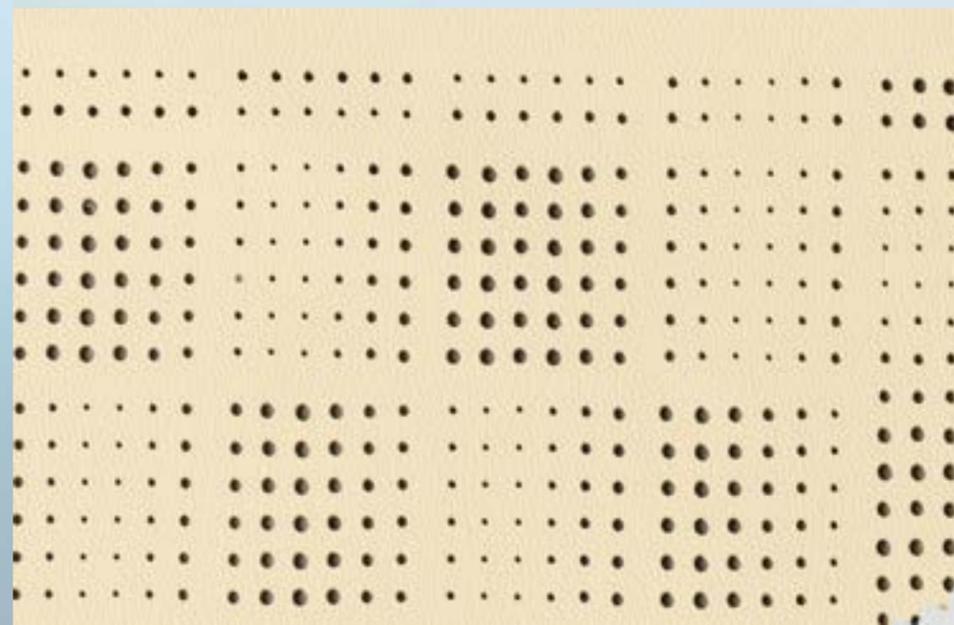
# DSP-P

PERFORATION



## Unprecedented design possibilities with perforated dots

Experience the creatively interesting possibilities of designs with perforated dots that serve both as air holes and unique designs.



## FEATURE OPTIONS



### Auto PP Tape Feeder

A mechanism that automatically feeds the PP tape for catching the perforator with the minimum waste, contributing to cost effectiveness.  
\*Auto double PP tape feeder also available.



### Perforating Knife

There are 4 types of perforating knives available (dia. 0.8mm, 1.0mm, 1.5mm and 2.0mm).

# WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

**DSP** -  -

CODE	MACHINE FUNCTION TYPE	CODE	SEWING AREA	CODE	NUMBER OF MACHINE HEADS	CODE	NUMBER OF NEEDLES
<b>M</b>	Perforation + Sewing & Embroidery	<b>7580</b>	750 x 800	<b>1</b>	1	<b>9</b>	9 NEEDLES
<b>E</b>	Sewing & Embroidery	<b>100120</b>	1000 x 1200	<b>2</b>	2		
<b>P</b>	Perforation						

## RECOMMENDED PC SPECIFICATIONS for DG-S

<b>DG-S</b>	Microsoft Windows® 8 and later versions (All only 64bit OS)
	CPU: Intel® Core™ i7 2.8Ghz Quad-Core or above RAM: 8GB or more Monitor: 1,440x900 pixels or higher Mouse: 3-button mouse Port: Minimum 2USB ports (for dongle and USB memory) LAN port: for embroidery network and internet

\*Information true as of January 2021



**JUKI AMERICA, INC.**

4220 West 104th Street, Suite 1A  
 Hialeah, FL 33018  
<http://www.juki.com>  
 E-mail: [home@juki.com](mailto:home@juki.com)

- \* Specifications and appearance are subject to change without prior notice for improvement.
- \* Read the instruction manual before putting the machine into service to ensure safety.
- \* This catalogue prints with environment-friendly soyink on recycle paper.
- \* Paper from responsible sources **FSC™ C001712**