

**JUKI®**

# MP-200N

Pinpoint Saddle Stitching Machine

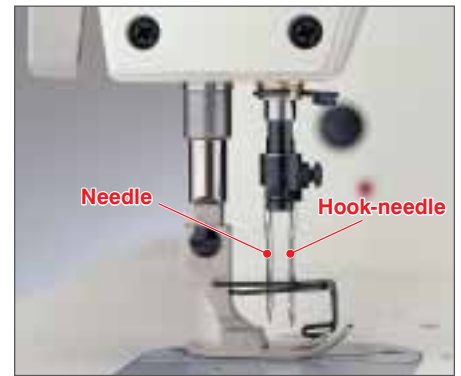


# MP-200N

**Pinpoint Saddle Stitching Machine**

# MP-200N

This pinpoint stitch machine is used for topstitching on the front facing of men's wear, as well as front flies, pocket mouths and trouser sides, as a cost-effective topstitching machine that offers increased productivity. In addition, its applicable working range has been widened to include various materials and other processes, such as the topstitching of collars for shirts, blouses and knits. The MP-200N has the newly added capability of sewing wider stitches and using thicker thread. It can be used for a wider range of applications requiring narrower to wider stitch widths.



MP-200NL

## Excellent seam quality

- In addition to balloon-stitching (to produce seams with a hand-stitched touch), smooth sewing of chain-off stitches, and having other outstanding seam quality features of the highly regarded Columbia 100, the MP-200N achieves more improved sewing capabilities and a wider adjustment range.
- The machine comes with a box type feed that permits a split adjustment in both horizontal and vertical directions, thereby responding to the sewing of various types of materials. Additionally, the inclination of the feed dog is also adjustable in accordance to the material.

## Positioning of needles with increased accuracy

- Gauges that are determined by the combination of needles and spacers are of the Columbia type. This improves the accuracy of the installation of needle positions, which determines the seam quality.

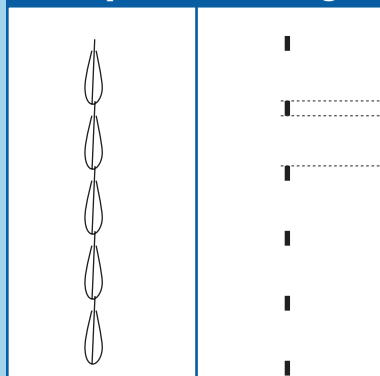
## Wider range of applicable needle gauges and yarn counts

- Needle gauges support, using replacement parts, stitch widths from as narrow as 1.2mm to as wide as 5.0mm.
- The applicable range of yarn counts has been widened from #60 to #8 (B33, Nm = 120/3) for both Tetron and spun thread. This allows the machine to be used for topstitching a wider range of items.

| Model name                       | Needle gauge | Gauge *   | Applicable yarn count                                 |
|----------------------------------|--------------|---|---|
| MP-200NS<br>(Needle gauge 1.6mm) | 1.2mm        | Option  | Tetron, Spun<br>#60~#30,<br>B33~B46,<br>Nm=120/3~60/3 |
|                                  | 1.6mm        | Provided as standard  |   |
|                                  | 2.0mm        | To be replaced with the needle clamp spacer supplied with the machine |   |
|                                  | 2.5mm        | Option  |   |
| MP-200NL<br>(Needle gauge 5.0mm) | 3.0mm        | Option  | Tetron, Spun<br>#30~#8,<br>B46~B92,<br>Nm=60/3~30/3   |
|                                  | 4.0mm        | Option  |   |
|                                  | 5.0mm        | Provided as standard  |   |

\*Refer to "Replaceable parts of gauges" for a correspondence between gauges and needle gauges.

## Pinpoint stitching



**Reverse side**  
(Right side of the material during sewing)

**Right side**  
(Reverse side of the material during sewing)

[Length of thread that appears on the right side of the material]

Feed pitch

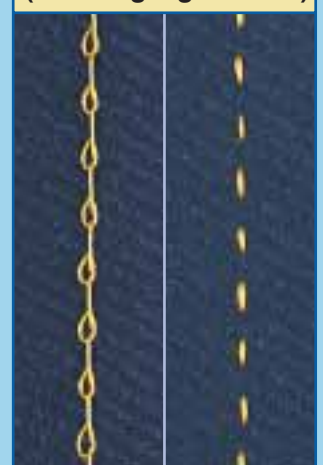
\*The [length of thread that appears on the right side of the material] is shorter than the needle gauge by approximately 0.5mm (depending on the material and sewing conditions).

## MP-200NS (Needle gauge 1.6mm)



Reverse side      Right side

## MP-200NL (Needle gauge 5.0mm)

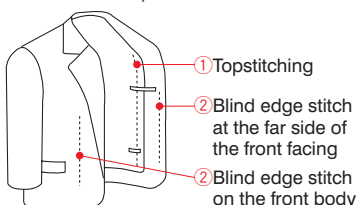


Reverse side      Right side

## Uses of pinpoint stitching

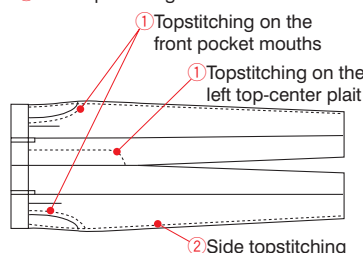
### Men's coats and jackets

- ① Topstitching on the front facing
- ② Blind edge stitch at the far side of the front facing, and blind edge stitch on the front body (for preventing uneven material feed)



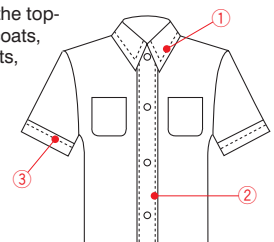
### Trousers

- ① Topstitching on the front pocket mouths and left top-center plait
- ② Side topstitching



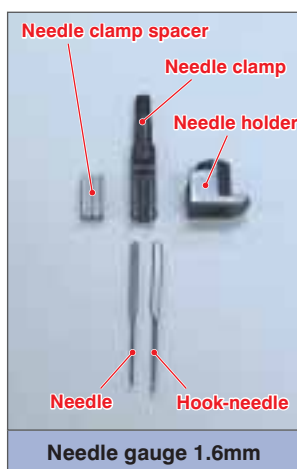
### Miscellaneous

- ① Topstitching on collars of coats, ladies' cut and sewn garments, knit shirts, etc.
- ② Topstitching on the top-center plaits of coats, ladies' wear, shirts, etc.
- ③ Various kinds of topstitching on coats, ladies' wear, shirts, etc.

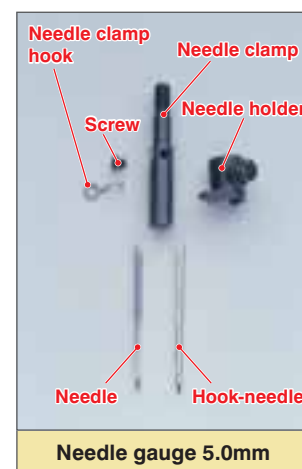


# REPLACEABLE PARTS OF GAUGES

| Replaceable parts |                              |          | S type<br>(1.6mm, standard) |           |           |           | L type<br>(5.0mm, standard) |           |                             | Remarks |
|-------------------|------------------------------|----------|-----------------------------|-----------|-----------|-----------|-----------------------------|-----------|-----------------------------|---------|
|                   |                              |          | 1.2<br>mm                   | 1.6<br>mm | 2.0<br>mm | 2.5<br>mm | 3.0<br>mm                   | 4.0<br>mm | 5.0<br>mm                   |         |
| Part No.          | Description                  | Quantity |                             |           |           |           |                             |           |                             |         |
| 231-24100         | Needle clamp S               | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| 231-24308         | Needle clamp spacer (1.2mm)  | 1        | ○                           |           |           |           |                             |           | S type, exclusive to 1.2mm  |         |
| 231-24407         | Needle clamp spacer (1.6mm)  | 1        |                             | ◎         |           |           |                             |           | S type, exclusive to 1.6mm  |         |
| 231-24506         | Needle clamp spacer (2.0mm)  | 1        |                             |           | ●         |           |                             |           | S type, exclusive to 2.0mm  |         |
| 231-24605         | Needle clamp spacer (2.5mm)  | 1        |                             |           |           | ○         |                             |           | S type, exclusive to 2.5mm  |         |
| 231-24803         | Needle clamp (3mm)           | 1        |                             |           |           |           | ○                           |           | L type, exclusive to 3.0mm  |         |
| 231-24902         | Needle clamp (4mm)           | 1        |                             |           |           |           |                             | ○         | L type, exclusive to 4.0mm  |         |
| 231-25008         | Needle clamp (5mm)           | 1        |                             |           |           |           |                             | ◎         | L type, exclusive to 5.0mm  |         |
| 231-24209         | Needle holder S              | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| SS-8090540-SP     | Screw                        | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| 231-25107         | Needle holder (3mm)          | 1        |                             |           |           |           | ○                           |           | L type, exclusive to 3.0mm  |         |
| 231-25206         | Needle holder (4mm)          | 1        |                             |           |           |           |                             | ○         | L type, exclusive to 4.0mm  |         |
| 231-25305         | Needle holder (5mm)          | 1        |                             |           |           |           |                             | ◎         | L type, exclusive to 5.0mm  |         |
| SS-7090530-SP     | Needle clamp screw           | 1        |                             |           |           |           | ○                           | ◎         | L type, common              |         |
| 231-25404         | Needle clamp hook            | 1        |                             |           |           |           | ○                           | ◎         | L type, common              |         |
| SS-5060310-SP     | Screw                        | 1        |                             |           |           |           | ○                           | ◎         | L type, common              |         |
| 231-22658         | Presser S (asm.)             | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| 231-22757         | Presser L (asm.)             | 1        |                             |           |           | ▼         | ▼                           | ◎         | L type, common              |         |
| 231-23003         | Throat plate (1.4×3.0)       | 1        | ○                           |           |           |           |                             |           | S type, exclusive to 1.2mm  |         |
| 231-23102         | Throat plate (1.6×4.2)       | 1        |                             | ◎         | ▼         |           |                             |           | S type, common to 1.6~2.0mm |         |
| 231-23201         | Throat plate (1.6×4.7)       | 1        |                             |           |           | ○         |                             |           | S type, exclusive to 2.5mm  |         |
| 231-23300         | Throat plate (2.2×5.6)       | 1        |                             |           |           |           | ○                           |           | L type, exclusive to 3.0mm  |         |
| 231-23409         | Throat plate (2.2×6.6)       | 1        |                             |           |           |           |                             | ○         | L type, exclusive to 4.0mm  |         |
| 231-23508         | Throat plate (2.2×7.6)       | 1        |                             |           |           |           |                             | ◎         | L type, exclusive to 5.0mm  |         |
| 231-25750         | Spreader fitting base (asm.) | 1        | ▼                           | ◎         | ▼         | ▼         | ○                           |           | S type, common/L type 3.0mm |         |
| 231-38209         | Spreader (JC1023)            | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| SM-4020301-SC     | Screw                        | 1        | ▼                           | ◎         | ▼         | ▼         | ○                           |           | S type, common/L type 3.0mm |         |
| 231-25800         | Spreader (3mm)               | 1        |                             |           |           |           | ○                           |           | L type, exclusive to 3.0mm  |         |
| 231-25909         | Spreader (4mm)               | 1        |                             |           |           |           |                             | ○         | L type, exclusive to 4.0mm  |         |
| 231-26006         | Spreader (5mm)               | 1        |                             |           |           |           |                             | ◎         | L type, exclusive to 5.0mm  |         |
| 231-36104         | Looper clank                 | 1        | ▼                           | ◎         | ▼         | ▼         |                             |           | S type, common              |         |
| 231-21502         | Looper clank B               | 1        |                             |           |           | ▼         | ▼                           | ◎         | L type, common              |         |
| SM-8060612-TP     | Screw                        | 2        | ▼                           | ◎         | ▼         | ▼         | ▼                           | ◎         | Common to types and sizes   |         |



| Part No.     | Description                           | Part number of gauge set |
|--------------|---------------------------------------|--------------------------|
| 231-24357    | Needle gauge size 1.2mm S set         | Not prepared             |
| Not prepared | Standard specifications               | Not prepared             |
| Not prepared | Needle clamp spacer (accessory parts) | Not prepared             |
| 231-24654    | Needle gauge size 2.5mm S set         | Not prepared             |
| 231-24861    | Needle gauge size 3.0mm L set         | Not prepared             |
| 231-24960    | Needle gauge size 4.0mm L set         | Not prepared             |
| Not prepared | Standard specifications               | Not prepared             |



- ◎ Standard parts for S and L types (gauge set is not prepared)
- Accessory parts for S type (gauge set is not prepared)
- Parts to be purchased (included in a gauge set) at the time of changing sizes
- ▼ Parts not to be purchased (not included in a gauge set) at the time of changing sizes since they are included in S or L type machine as accessories.

## OPTIONS

● **Needle bar crank** \*In order to be applicable to a wider range of materials, various types of needle bar cranks with different thread take-up timings have been prepared.

| Part No.  | Thread take-up timing | Type   | Remarks  |
|-----------|-----------------------|--|--|
| 231-21106 | Standard              | Standard timing (provided as standard)   | —  |
| 231-21205 | Standard -10°         | Type timing, of which is earlier than that of the standard needle bar crank by 10°   | Thread is applied with a higher tension as compared with the standard needle bar crank |
| 231-21304 | Standard +10°         | Type timing, of which is later than that of the standard needle bar crank by 10°   | Thread is applied with a lower tension as compared with the standard needle bar crank  |
| 231-21403 | Stepless setting      | A Needle bar crank which has a flat shaft to permit the stepless setting of thread take-up timing. Note, however, that the needle bar stroke changes according to the thread take-up timing. | —  |

## SPECIFICATIONS

| Model name  |                        | MP-200NS  | MP-200NL  |
|---|------------------------|---|---|
| Max. sewing speed   |                        | 2,000sti/min* (feed pitch 6mm or less)<br>1,500sti/min* (feed pitch 6~8mm)<br>1,200sti/min* (feed pitch 8~10mm) | 1,500sti/min* (feed pitch 6~8mm)<br>1,200sti/min* (feed pitch 8~10mm) |
| Pinpoint stitch width (needle gauge)  |                        | 1.6mm<br>(2.0mm: Spacer is required to be changed with the one supplied with the machine)                       | 5.0mm   |
| Length of thread that appears on the right side of sewing product (reference) |                        | 1.1mm   | 4.5mm   |
| Feed pitch  |                        | 3.5~10mm  | 10mm (For the needle gauge of 5mm)                                    |
| Recommended feed pitch  |                        | 3.5~10mm (feed pitch that is larger than double of needle gauge is recommended)                                 |   |
| Applicable range of gauges  |                        | 1.2~2.5mm<br>(for 1.2 and 2.5mm, optional parts are required)   | 3.0~5.0mm<br>(for 3 and 4mm, optional parts are required)             |
| Needle<br>(at the time of delivery)   | Needle                 | SCHMETZ 29C150 (Nm90) Nm80~Nm140  | ORGAN CP×1J (#22U) #18U~#22U  |
|   | Hook-needle            | SCHMETZ 29C151 (Nm100) Nm80~Nm140   | ORGAN CP×12J (#23) #19~#30  |
|   | Recommended thread     | Tetron・Spun   | Tetron・Spun   |
|   | Recommended yarn count | #60~#30, B33~B46, Nm=120/3~60/3   | #30~#8, B46~B92, Nm=60/3~30/3   |
| Recommended material/process  |                        | Wool, lining/facing-topstitching process  | Flannel/topstitching peripheries of collars and pockets               |
| Lift of the presser foot  |                        | By hand: 5.5mm/By knee: 10.5mm  |   |
| Split adjustment of feed (vertical/horizontal direction)                      |                        | Possible  |   |
| Lubrication   |                        | By an oiler   |   |
| Lubricating oil   |                        | JUKI New Defrix Oil No.2 (equivalent to ISO VG32)   |   |

\* "sti/min" stands for "Stiches per Minute"

## WHEN YOU PLACE ORDERS

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

# MP200N

| Needle gauge | Code |
|--------------|------|
| 1.6mm        | S    |
| 5.0mm        | L    |

● To order, please contact your nearest JUKI distributor.



#### JUKI CORPORATION HEAD OFFICE

Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and in the provision of sales and maintenance services for data entry systems.

- (1) The development of products and engineering processes that are safe to the environment
- (2) Green procurement and green purchasing
- (3) Energy conservation (reduction in carbon-dioxide emissions)
- (4) Resource saving (reduction of papers purchased, etc.)
- (5) Reduction and recycling of waste
- (6) Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)

**JUKI**<sup>®</sup>  
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\* 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 soy ink on recycle paper.