The machine finishes a wide range of high-quality products, from silk to extra heavy-weight materials for jeans.
The machine achieves beautifully-finished seam while preventing puckering and stitch skipping.

- **Low-tension stitching ability and improved stitching mechanism prevents puckering.**
  Both needle thread tension and bobbin thread tension have been decreased after reinvestigation of the double chainstitching mechanism. Furthermore, the stitch dial, gauges and looper have been dramatically improved, thereby forming beautifully finished seams and preventing puckering.

- **The machine prevents stitch skipping even when it runs at high speed, ensuring high-quality products.**
  With its low-tension sewing capability and the best-suited timing among the needle, looper and feed, the machine forms even stitches with consistency at all times. The machine also prevents stitch skipping at a high speed to help promote high-grade manufacturing.

- **The machine is equipped as standard, with newly developed folders which enable the machine to perform stitching with consistency.**
  Newly developed folders are equipped as standard for the machine. The folders are designed to match the presser foot and allow overlapping material to be fed smoothly under them. They are easy to use and improve consistency in sewing. Many different kinds of folders are prepared in accordance with the materials to be used, ranging from folders for extra heavy-weight materials to medium-weight materials.

- **The machine has improved ease of operation.**
  The shape of the bed has been designed to allow the operator to handle it with ease. The push-button type stitch length dial has been introduced to change the feed amount. The timings of the feed driving cam and the looper rocking cam can be separately adjusted. All of these features are designed for easier operation and maintenance.

1. Needle thread path for promising consistent sewing performance.
2. The needle clamp is equipped with a thread guide, thereby preventing puckering.
3. Many different types of improved gauge sets have been prepared. The operator can choose the one best-suited for the type of material to be used.
4. Folders indirectly support the production of high-quality products.
5. The shape of the bed has been designed for easier handling.
The machine is the leading double chainstitch machine for heavy-weight materials and achieves higher efficiency in operation and higher quality of finished products.

- **The looper tucks the thread without fail, thereby preventing stitch skipping.**

  The placement of the feed mechanism has been charged to decrease the feed amount when the needle enters the material, thus preventing the needle from bending. The bobbin thread is clamped without fail, thereby producing consistent thread loops. The looper tucks the needle thread without fail, thereby finishing uniform seams.

- **The feed mechanism smoothly feeds the material, thereby allowing the machine to finish seams with consistency.**

  The number of teeth of the feed dog has been increased so that it can easily catch overlapping material. The shape of the presser foot has been modified to prevent single-sided contact with the overlapped part. The movable needle guard (rear) is provided with a vertical adjusting mechanism. These features contribute to smoother feed of heavy-weight materials, thereby preventing stitch skipping.
needs for improved seam quality to support diversified materials are continually increasing. The feed-off-the-arm double chainstitch machine, the MS-1190 and -1261 Series, has been developed in thorough pursuit of the "stitching" of double chainstitches to achieve a low-tension sewing capability! The machine promises the production of beautiful and even stitches free from puckering, stitch skipping and uneven material feed. The machine supports a broader range of materials from extra light-weight materials such as silk and georgette to extra heavy-weight ones such as 14.5 oz denim jeans. The machine is an excellent model which makes the best out of double chainstitching for the high-grade manufacturing of apparel products with increased production efficiency.

The machine provides beautifully-finished seams even when heavy-weight material is used.

Thanks to the thread guide located between the needle bar thread take-up and the intermediate tension release lever, the timing to tense the needle thread can be changed and the bobbin thread tension can be decreased. As a result, the machine is capable of beautiful finished stitches with a soft appearance even when heavy-weight material is used.

The machine prevents uneven material feed.

Differences in height between the feed dog and the sole of the presser foot can be appropriately specified and adjusted in accordance with the material thickness. Folders allow the material to be smoothly fed and the cloth puller (optional) has improved fulcrum so that it can run on the material and prevent uneven material feed.
Many different optional devices, that help improve seam quality and facilitate operation have been prepared for the machine.

### OPTIONS

#### Cloth puller V045/V046

The cloth puller is an auxiliary tool for smooth feed of the material. The top roller type cloth puller (V045) can be used for medium- to extra heavy-weight materials for jeans. The top and bottom roller type cloth puller (V046) can be used for light- to medium-weight materials. Furthermore, you can choose either a rubber cloth puller that is soft on material, or steel cloth puller that securely clamps the materials.

- **V045S**: Made of rubber, Part No. MAV04500AA0
- **V045R**: Made of steel, Part No. MAV045000A0
- **V046S**: Made of rubber, Part No. MAV04600AA0
- **V046R**: Made of steel, Part No. MAV046000A0

#### Chain-off thread cutter AT27

The chain-off thread cutter is operated by the knee switch or the pedal switch. The chain-off thread cutter comes in three different types in accordance with the types of cloth pullers and whether or not the machine is equipped with cloth puller.

<table>
<thead>
<tr>
<th>Type</th>
<th>Pedal switch type</th>
<th>Knee switch type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT27</td>
<td>Without cloth puller</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Part No. GAT270000A0</td>
<td>Part No. GAT27000CA0</td>
</tr>
<tr>
<td>For V045</td>
<td>Part No. GAT27000AA0</td>
<td>Part No. GAT27000DA0</td>
</tr>
<tr>
<td>For V046</td>
<td>Part No. GAT27000BA0</td>
<td>Part No. GAT27000EA0</td>
</tr>
</tbody>
</table>

#### Needle cooler CL-3

The needle cooler is a device to prevent thread breakage caused by a hot needle. The needle cooler equipped with an auxiliary blower (for light-weight materials) available, and this allows the material to be easily rolled in at the sewing start.

- **CL-3**: Standard Part No. GCL030000A0
- **With an auxiliary blower for light-weight materials**: Part No. GCL03000AA0

#### Silicon oil lubricating unit for the needle thread

Silicon oil lubricating unit is an auxiliary device to reduce the frequency of thread breakage caused by a hot needle.

- **For MS-1190 series**: Part No. 129-45168
- **For MS-1260 series**: Part No. 129-76254

#### Pneumatic auto-lifter AK81

The pneumatic auto-lifter helps reduce the operator’s fatigue and enables the operator to operate the sewing machine rhythmically.

<table>
<thead>
<tr>
<th>Type</th>
<th>Pedal switch type</th>
<th>Knee switch type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK81</td>
<td>Part No. GAK810000A0</td>
<td>Part No. GAK81000AA0</td>
</tr>
</tbody>
</table>
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model name</th>
<th>MS-1190</th>
<th>MS-1190M</th>
<th>MS-1261M</th>
<th>MS-1261</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>For light-weight materials</td>
<td>For medium-weight materials</td>
<td>For medium- to heavy-weight materials</td>
<td>For extra heavy-weight materials for jeans</td>
</tr>
<tr>
<td><strong>No. of needle</strong></td>
<td>2</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Max. sewing speed</strong></td>
<td>4,000rpm (normal 3,500rpm)</td>
<td></td>
<td>3,600rpm (normal 3,000rpm)</td>
<td></td>
</tr>
<tr>
<td><strong>Needle bar stroke</strong></td>
<td>28.0mm</td>
<td></td>
<td>33.2mm</td>
<td></td>
</tr>
<tr>
<td><strong>Needle (at the time of delivery)</strong></td>
<td>SCHMETZ B-64 (Nm80) Nm60—Nm90 ORGAN TVX64-NY (#12) #8—#14</td>
<td>SCHMETZ B-64 (Nm80) Nm80—Nm120 ORGAN TVX64-NY (#16) #12~#19</td>
<td>SCHMETZ UY128GAS (Nm120) Nm100—Nm140 ORGAN UY128GAS-NY (#11) #16~#22</td>
<td>SCHMETZ UY128GAS (Nm130) Nm100—Nm140 ORGAN UY128GAS-NY (#21) #16~#22</td>
</tr>
<tr>
<td><strong>Needle gauge</strong></td>
<td>3.2mm (1/8&quot;), 4.0mm (5/32&quot;), 4.8mm (3/16&quot;), 5.6mm (7/32&quot;), 6.4mm (1/4&quot;)</td>
<td>5.6mm (7/32&quot;), 6.4mm (1/4&quot;), 7.2mm (9/32&quot;), 8.0mm (5/16&quot;), 9.6mm (3/8&quot;)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Stitch length</strong></td>
<td>1.2~3.2mm</td>
<td></td>
<td>1.4~4.2mm</td>
<td></td>
</tr>
<tr>
<td><strong>Lift of the presser foot</strong></td>
<td>10mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Thread take-up lever</strong></td>
<td>Thread pulling cam type thread take-up lever</td>
<td>Needle bar thread take-up lever</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Circumference of tube of the needle entry</strong></td>
<td>171mm</td>
<td></td>
<td>190mm</td>
<td></td>
</tr>
<tr>
<td><strong>Needle guard</strong></td>
<td>Longitudinally-fixed needle guard</td>
<td>Backward travelling needle guard</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Stitch adjusting system</strong></td>
<td>By push-button (with locking mechanism)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lubrication</strong></td>
<td>Semi-automatic lubrication</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lubricating oil</strong></td>
<td>JUKI New Defrix Oil No.1 (equivalent to ISO VG7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WHEN YOU PLACE ORDERS

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

#### MS1190

- **Application**
  - For light-weight materials (standard)
  - For medium-weight materials

- **Code**
  - M

- **Needle gauge**
  - 3.2mm (1/8")
  - 4.0mm (5/32")
  - 4.8mm (3/16")
  - 5.6mm (7/32")
  - 6.4mm (1/4")
  - 7.9mm (5/16")

- **Optional device**
  - Cloth Puller
  - Without cloth puller

- **Pedal switch type**
  - For V045
  - For V046

- **Lubricating oil**
  - JUKI New Defrix Oil No.1 (equivalent to ISO VG7)

#### MS1261

- **Application**
  - For extra heavy-weight materials (standard)
  - For medium-weight materials

- **Code**
  - M

- **Needle gauge**
  - 5.6mm (7/32")
  - 6.4mm (1/4")
  - 7.9mm (5/16")
  - 8.0mm (5/16")
  - 9.6mm (3/8")

- **Optional device**
  - Cloth Puller

- **Pedal switch type**
  - For V045
  - For V046

- **Lubricating oil**
  - JUKI New Defrix Oil No.1 (equivalent to ISO VG7)

- **NOTES**
  - To order, please contact your nearest JUKI distributor.
  - Specifications and appearance are subject to change without prior notice for improvement.
  - This catalog is printed on recycle paper.

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### Optional device

<table>
<thead>
<tr>
<th>Code</th>
<th>V045</th>
<th>V045R</th>
<th>V045S</th>
<th>V046</th>
<th>V046R</th>
<th>V046S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber</td>
<td>Rubber</td>
<td>Steel</td>
<td>Steel</td>
<td>Rubber</td>
<td>Rubber</td>
<td>Steel</td>
</tr>
</tbody>
</table>

### Optional device

<table>
<thead>
<tr>
<th>Code</th>
<th>V045</th>
<th>V045R</th>
<th>V045S</th>
<th>V046</th>
<th>V046R</th>
<th>V046S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedal switch type</td>
<td>F</td>
<td>G</td>
<td>A</td>
<td>H</td>
<td>J</td>
<td></td>
</tr>
</tbody>
</table>

### Chain-off thread cutter

- Without cloth puller
- For V045
- For V046

- Needle cooler (CL-3)
- Needle cooler with folder air blow type
- Silicon oil lubricating
- Pneumatic auto-lifter
- A + C + E + K
- A + D + E + K
- A + C + P
- H + C + E + P
- J + C + P

*1 The knee switch for the chain-off thread cutter AT27 and that for the pneumatic auto-lifter AK81 cannot be installed simultaneously.

*2 Codes “04” and “05” represent the combination for the MS-1261.
When you need to use your machine in combination with other options, please contact your distributor.