DU-1281-7
1-needle, Top and Bottom-feed, Lockstitch Machine with Double-capacity Hook and Automatic Thread Trimmer

Mechanism of thread trimmer
The thread trimmer achieves consistent thread trimming regardless of thickness of the thread, i.e., from thin to thick thread. The machine has adopted the rotary thread trimming mechanism which matches, in particular, design stitch with thick thread for furniture and bags. The automatic thread trimmer improves workability and increases productivity. When compared with the sewing machine without a thread trimmer, the DU-1281-7 substantially decreases the consumption of thread. The knife pressure can be adjusted with the adjusting screw.

Increased productivity by improved operability
The machine achieves a longer distance from machine arm to needle by adopting a high & long arm. This means the machine dramatically increases workability when sewing large products such as sofas and car seats.

The adoption of the alternating vertical movement control dial enables easy adjustment of the amount of the alternating vertical movement of the walking foot and presser foot without requiring any tool.

The presser bar lifting lever is located on the front surface of the sewing machine to achieve ease of operation.
The DU-1281-7 is suited to the sewing and decorative shape-tacking of heavy-weight materials such as car seats, sofas, bags, stroller and tents.

**Feed mechanism**
The machine's powerful top & bottom feed demonstrates its performance when sewing car fabric seats. The lift of the presser foot is as high as 16 mm, which responds to the sewing of heavy-weight materials.

**Horizontal-axis full-rotary double-capacity hook**
The adoption of the horizontal-axis double-capacity hook helps reduce the frequency of bobbin thread replacement, thereby promising sewing work with efficiency. This hook is also helpful not only when sewing with thick thread but also when sewing a long seam length. The titanium-coated hook has a higher degree of hardness than the conventional chrome-plated hook. It promises increased resistance to abrasion.

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**OPTIONS**
- **Auto-lifter Asm.** [Part No. : 40151202]
- **Auto-lifter (Air) Asm.** [Part No. : 40153939]
- **LED light** :
  - LED backtack unit [Part No. : 40151203]
  - Relay cable asm. [Part No. : 40151204]
  - Withdrawing device [Part No. : 40151205]

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model name</th>
<th>DU-1281-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. sewing speed</td>
<td>2,000sti/min</td>
</tr>
<tr>
<td>Max. stitch length</td>
<td>8mm (forward/backward)</td>
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<tr>
<td>Needle bar stroke</td>
<td>38mm</td>
</tr>
<tr>
<td>Lift of the presser foot</td>
<td>By hand: 6mm, By knee: 16mm</td>
</tr>
<tr>
<td>Thread take-up</td>
<td>Link type</td>
</tr>
<tr>
<td>Alternating vertical movement</td>
<td>2~5mm</td>
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<tr>
<td>Hook</td>
<td>Horizontal-axis full-rotary double-capacity hook</td>
</tr>
<tr>
<td>Needle</td>
<td>DP×17 #22 (#16~#23)</td>
</tr>
<tr>
<td>Thread</td>
<td>#30~#8</td>
</tr>
<tr>
<td>Pitch changing method</td>
<td>By dial</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Automatic</td>
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<tr>
<td>Lubricating oil</td>
<td>MACHINE OIL No.18 (ISO VG18 equivalent)</td>
</tr>
<tr>
<td>Distance from needle to machine arm</td>
<td>335mm×150mm</td>
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<tr>
<td>Weight of the machine head</td>
<td>37kg</td>
</tr>
</tbody>
</table>

*“sti/min” stands for “Stitches per Minute.”*

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**WHEN YOU PLACE ORDERS**
Please note when placing orders, that the model name should be written as follows:

Head **DU12817**

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**JUKI ECO PRODUCTS**
The DU-1281-7 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.

- The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.
- The Juki Green Procurement Guidelines is the list of established criteria to eliminate not only the abovementioned six substances, but also other ones which also adversely affect the environment.

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**JUKI CORPORATION SEWING MACHINERY BUSINESS UNIT**
- 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.

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Registered Organization : JUMC JUKI CORPORATION Head Office
The Scope of the Registration : The activities of research, development design, sales, distribution and maintenance services of sewing machines, parts, accessories and maintenance services of data entry systems.