This sewing machine has been designed with a new concept.

The DDL-8100e 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 RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment.

The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.

For details of JUKI ECO PRODUCTS, refer to: http://www.juki.co.jp/eco_e/index.html
**Sewing mechanism that demonstrates outstanding responsiveness to materials to be sewn.**

By thoroughly investigating and modifying the sewing mechanisms in order to achieve low-tension sewing, the machine flexibly responds to various kinds of materials and produces beautiful seams of consistent quality.

**The machine has been designed for reduced vibration and noise and upgraded reliability and durability.**

By adopting a machine frame structure designed to obtain optimal balance and upgrade strength and rigidity, the machine runs with reduced vibration and noise.

**The machine has easy-to-operate functions to achieve improved operability.**

By providing a presser foot with a higher lift (13mm), a light-touch stitch dial, and other easy-to-operate functions, the burden on the operator is lightened, and productivity is further increased.

The hand pulley has been designed to contain a deep recess to allow the operator to hold the pulley firmly and turn it with ease.

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model name</th>
<th>Application</th>
<th>Max. sewing speed</th>
<th>Max. stitch length</th>
<th>Needle bar stroke</th>
<th>Lift of the presser foot</th>
<th>Needle</th>
<th>Hook</th>
<th>Lubrication</th>
<th>Lubricating oil</th>
<th>Weight of the machine head</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDL-8100e</td>
<td>Light- to Medium-weight</td>
<td>4,500 sti/min*</td>
<td>5mm</td>
<td>30.7mm</td>
<td>By hand: 5.5mm</td>
<td>DB x1 (#14) #9 ~ #18</td>
<td>3-row</td>
<td>Automatic-lubricating full-rotary hook</td>
<td>JUKI MACHINE OIL No. 7 (equivalent to ISO VG7)</td>
<td>26kg</td>
</tr>
<tr>
<td>DDL-8100eH</td>
<td>Heavy-weight</td>
<td>4,000 sti/min</td>
<td>35mm</td>
<td></td>
<td>By knee: 13mm</td>
<td>DB x1 (#21) #20 ~ #23</td>
<td></td>
<td>Automatic</td>
<td></td>
<td></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:

**DDL-8100e**

<table>
<thead>
<tr>
<th>Application</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light- to Medium-weight</td>
<td>H</td>
</tr>
<tr>
<td>Heavy-weight</td>
<td></td>
</tr>
</tbody>
</table>

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**JUKI CORPORATION INDUSTRIAL SEWING MACHINE DIV.**

* 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.