SINGER MACHINE No. 31-15
FOR FOOT POWER
or for Operation by Individual
SINGER ELECTRIC MOTOR

Machine No. 31-15 on Table No. 5268 and Stand No. 25279
Equipped with Singer Motor SD-5

This machine is used in the manufacture of a wide variety of articles as shown on page 3. It has one needle and one shuttle and makes the lock stitch.

The above illustration shows the machine equipped with Singer Motor SD-5. When used on table No. 5268 and stand No. 25279, the machine can also be equipped with either of the following motors: SD-6, SA-30, SA-31, SA-32, SA-33, SA-36, SA-37 or SA-48. For further electric motor details see page 2.

When equipped with an individual electric motor, the machine can be operated up to the speed of 2200 stitches per minute.

The machine is also extensively operated on the light running, ball bearing, foot power stand No. 25265, illustrated on pages 3 and 4.
Machine No. 31-15 connected for Foot Power
on Table No. 5385 and Convertible Stand No. 25284
Equipped with Singer Motor SD-11

Machine No. 31-15 can also be equipped with a convertible stand, as shown above, by means of which the machine can be operated by foot power or by electric motor as desired. The illustration above shows the machine connected for foot power drive. To connect the machine for motor drive, the sleeve connected with the treadle is screwed fast to the pitman of the motor starting box.

It is necessary to use Singer Motor SD-11 or SD-12 for direct current with stand No. 25284.

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### Singer Electric Motors
for Individual Operation of Machine No. 31-15

#### Direct Current Motors

<table>
<thead>
<tr>
<th>Code</th>
<th>Type and Variety No.</th>
<th>Voltage</th>
<th>Maximum Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marda</td>
<td>SD-5</td>
<td>115</td>
<td>2800</td>
</tr>
<tr>
<td>Mardo</td>
<td>SD-6</td>
<td>230</td>
<td>2800</td>
</tr>
</tbody>
</table>

#### Direct Current Motors for use with Stand No. 25284

<table>
<thead>
<tr>
<th>Code</th>
<th>Type and Variety No.</th>
<th>Voltage</th>
<th>Maximum Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maspi</td>
<td>SD-11</td>
<td>115</td>
<td>2800</td>
</tr>
<tr>
<td>Masto</td>
<td>SD-12</td>
<td>230</td>
<td>2800</td>
</tr>
</tbody>
</table>

#### Alternating Current Motors

<table>
<thead>
<tr>
<th>Code</th>
<th>Type and Variety No.</th>
<th>Cycles</th>
<th>Voltage</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mebilo</td>
<td>SA-30</td>
<td>60</td>
<td>110</td>
<td>1725</td>
</tr>
<tr>
<td>Mebilo</td>
<td>SA-31</td>
<td>60</td>
<td>220</td>
<td>1725</td>
</tr>
<tr>
<td>Medda</td>
<td>SA-32</td>
<td>50</td>
<td>110</td>
<td>1450</td>
</tr>
<tr>
<td>Meene</td>
<td>SA-33</td>
<td>50</td>
<td>220</td>
<td>1450</td>
</tr>
<tr>
<td>Medlu</td>
<td>SA-36</td>
<td>40</td>
<td>110</td>
<td>2300</td>
</tr>
<tr>
<td>Medrm</td>
<td>SA-48</td>
<td>40</td>
<td>220</td>
<td>2300</td>
</tr>
<tr>
<td>Medra</td>
<td>SA-37</td>
<td>25</td>
<td>110</td>
<td>1450</td>
</tr>
</tbody>
</table>

### Control

- Armature
- Friction Transmitter
The outfit shown above is very convenient for tailoring, etc., affording ample room for handling garments of large size. With the back leaf and side leaf raised into position the table is 25½ inches wide by 47½ inches long.

On account of its sturdiness and reliability this machine is extensively used in the manufacture of clothing, cloaks, overalls, suits, skirts, waists, hats, gloves, costumes, bathing suits, shirts, knit goods, mackintoshes, cardigan jackets, oiled clothing, leggings, overgaiters, hunting goods, corsets, gossamers, bedding, blankets, upholstery, canvas goods, carriage robes, etc.

Whether operated on a foot power stand or driven by an electric motor the machine is regularly equipped with an automatic bobbin winder so that bobbins may be wound while the machine is stitching.
Machine No. 31-15 on Table No. 5411 and Stand No. 25265
For Foot Power

The machine is also sent out with table and stand as illustrated above. This equipment is popular in the manufacture of articles which are smaller in size. Table No. 5411, shown above, measures 18 inches wide by 36\(\frac{1}{4}\) inches long.

**SINGER SEWING MACHINE CO. SHOPS FOR THE MANUFACTURING TRADE**

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  - 60 South Broad Street
- BALTIMORE, MD.
  - 106 West Clay Street
- BOSTON, MASS.
  - 928 Atlantic Avenue
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  - 89 Centre Street
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  - 24 Emlmont Street
- CHICAGO, ILL.
  - 1015-1019 West Jackson Blvd.
- CINCINNATI, OHIO
  - 115 West Third Street
- CLEVELAND, OHIO
  - 1033 Superior Avenue, N. E.
- COLUMBUS, OHIO
  - 26-22 North High Street
- DALLAS, TEXAS
  - 1004 Elm Street
- DENVER, COLO.
  - 424 Fifteenth Street
- DETROIT, MICH.
  - Room 201, Keene Bldg.
  - Cor. Adams and Park Sts.
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  - 29 and 31 W. Fulton Street
- HALIFAX, N. S.
  - 53 Barrington Street
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  - 103 Essex Street
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  - 1011 Grand Avenue
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  - 334 East Fifth Street
- LYNN, MASS.
  - 60 Munroe Street
- MEXICO CITY, MEXICO
- MILWAUKEE, WIS.
  - 82 Mason Street
- MONTREAL, QUEBEC, CAN.
  - 344 Notre Dame Street, West
- WINNIPEG, MANITOBA, CAN.
  - 568 Main Street
- NASHVILLE, TENN.
  - 344 North Fifth Avenue
- NEWARK, N. J.
  - 397 Market Street
- NEW ORLEANS, LA.
  - 1011 Canal Street
- NEW YORK CITY
  - 601 and 603 Broadway
- PHILADELPHIA, PA.
  - 924 Chestnut Street
- PITTSBURGH, PA.
  - 921 Liberty Avenue
- PORTLAND, ORE.
  - 402 Washington Street
- QUEBEC, P. Q., CAN.
  - 63 Crown Street
- ROCHESTER, N. Y.
  - 124 Andrews Street
- SALT LAKE CITY, UTAH
  - 40 South Main Street
- SAN FRANCISCO, CAL.
  - 728 Mission Street
- SEATTLE, WASH.
  - 1317 Third Avenue
- ST. JOHN, N. B.
  - 402 Gersaint Street
- ST. JOHN'S, NEWFOUNDLAND
  - 339 Duckworth Street
- ST. LOUIS, MO.
  - 1017 Olive Street
- ST. PAUL, MINN.
  - 29 East Sixth Street
- SYRACUSE, N. Y.
  - 415 South Clinton Street
- TOLEDO, OHIO
  - 353 Superior Street
- TORONTO, ONT., CAN.
  - 246 Richmond Street, West
- TROY, N. Y.
  - 24 Union Street
- UTOCA, N. Y.
  - 71 Genesee Street
- VANCOUVER, B. C.
  - 515 Granville Street