

SINGER MACHINE No. 31-15

FOR FOOT POWER

or for Operation by Individual

SINGER ELECTRIC MOTOR



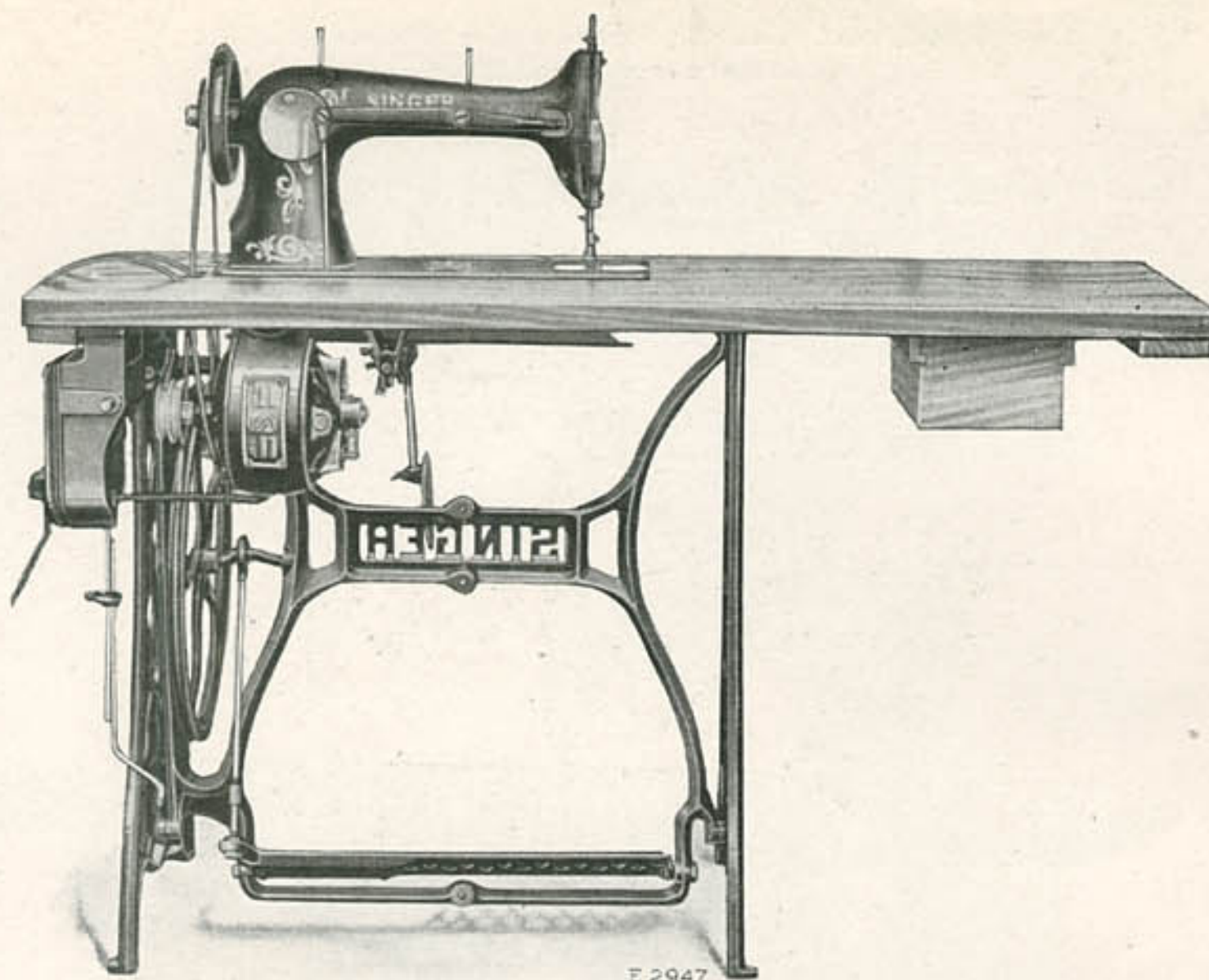
Machine No. 31-15 on Table No. 5268 and Stand No. 25279
Equipped with Singer Motor SD-5

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.

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

Direct Current Motors

CODE WORD	TYPE AND VARIETY NO.	VOLTAGE	MAXIMUM SPEED	CONTROL
Marda	SD-5	115	2800	Armature
Marce	SD-6	230	2800	"

Direct Current Motors for use with Stand No. 25284

CODE WORD	TYPE AND VARIETY NO.	VOLTAGE	MAXIMUM SPEED	CONTROL
Maspi	SD-11	115	2800	Armature
Masto	SD-12	230	2800	"

Alternating Current Motors

CODE WORD	TYPE AND VARIETY NO.	CYCLES	VOLTAGE	SPEED	CONTROL
Meblo	SA-30	60	110	1725	Friction Transmitter
Mebdu	SA-31	60	220	1725	" "
Mecla	SA-32	50	110	1450	" "
Mecne	SA-33	50	220	1450	" "
Meclu	SA-36	40	110	2300	" "
Medrm	SA-48	40	220	2300	" "
Medra	SA-37	25	110	1450	" "

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Machine No. 31-15 on Table No. 5412 and Stand No. 25265
For Foot Power

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 $25\frac{1}{2}$ inches wide by $47\frac{1}{2}$ 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 36½ inches long.

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