

**MACHINES OF CLASS 45 K**

**FLAT BED**



MACHINE No. 45 K 80

NO.	DESCRIPTION	PRICE
45 K 80	FOR GENERAL WORK IN LEATHER up to $\frac{1}{8}$ inch in thickness. Needle bar cam, drop feed, special high lift and compound take-up. Balance wheel (three speed) No. 91749. Diameter of belt grooves $3\frac{3}{8}$ , $4\frac{7}{8}$ and $7\frac{5}{8}$ inches. . . . . Speed 350. Cipher, AFBIG. See Form 9333.	
45 K 82	FOR GENERAL WORK IN LEATHER up to $\frac{1}{8}$ inch in thickness. Needle bar cam, drop feed, special high lift and compound take-up. Has gas heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves $3\frac{3}{8}$ , $4\frac{7}{8}$ and $7\frac{5}{8}$ inches. . . . . Speed 350. Cipher, AFBUM. See Form 9333.	
45 K 84	FOR GENERAL WORK IN LEATHER up to $\frac{1}{8}$ inch in thickness. Needle bar cam, drop feed, special high lift and compound take-up. Has spirit heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves $3\frac{3}{8}$ , $4\frac{7}{8}$ and $7\frac{5}{8}$ inches. . . . . Speed 350. Cipher, AGCAG. See Form 9333.	

NOTE. Bobbin winder No. 91400 is recommended for use with the 45 K 82 and 45 K 84 machines for hot wax stitching. As one bobbin winder will serve for several machines, it is not included as part of the head and must be ordered separately on Form 450.

# MACHINES OF CLASS 45 K

## FLAT BED

The machines of Class 45 K have been specially designed for heavy textile and leather work. The maximum length of stitch is  $\frac{3}{8}$  inch unless otherwise specified, while any thickness of material up to  $\frac{1}{2}$  inch may be easily sewn. Bed  $20\frac{1}{2}$  inches long, 10 inches from needle to base of arm; cylinder shuttle. May be fitted with either gas or spirit heating device.



MACHINE No. 45 K 1

NOTE. Machines of Class 45 K can be furnished with Table and Stand at an additional price. Machines of Class 45 K are regularly fitted with a tight balance wheel, but can be furnished with S. D. A. if so ordered at an additional price of net. (For list price of Tables and Stands see Form 8801).

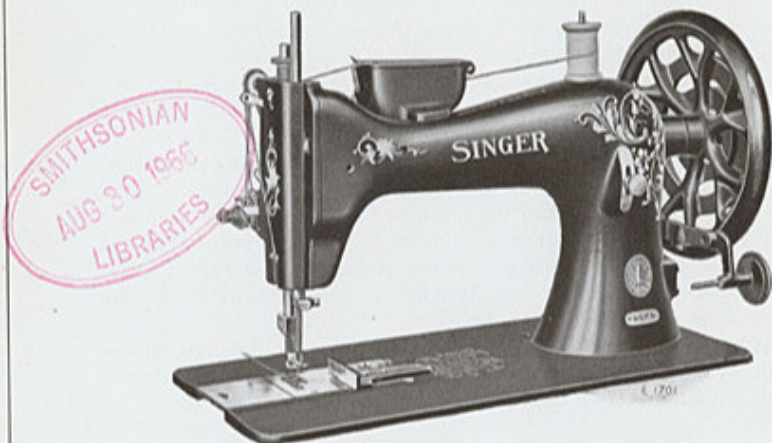
NO.	DESCRIPTION	PRICE
45 K 1	FOR AWNINGS, SAILS, TARPAULINS, WAGON COVERS, ETC. Needle bar link, drop feed. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches . . . . . Speed 900. Cipher, ADNIS. See Form 9332.	

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# SINGER MACHINE No. 45 K1

## FOR HEAVY TEXTILES



This machine is very strongly built and is specially designed for stitching heavy textiles such as are used in the manufacture of small *Canvas Driving Belts, Cocoa-matting, Rugs, Sacks, Travelling Bags, Horse Clothing, Awnings, Sails, Tarpaulins, Wagon Covers, Tents, Trunk Covers, etc.*

The machine makes a perfect lock stitch, the thread being drawn firmly and evenly into the material.

The mechanism has been most carefully considered to secure *exceptional strength, durability and easy working*. All moving parts are in correct relationship to each other, hardened and well balanced; the machine will therefore withstand constant and hard usage over a long term of years.

The dimensions of the machine are: bed plate  $20\frac{1}{2}$  in. long, distance from needle to base of arm 10 in., height from bed plate to underside of arm  $6\frac{1}{4}$  in. The maximum length of stitch is  $\frac{3}{8}$  in. and the machine will stitch any thickness of textile material not exceeding  $\frac{1}{2}$  in.

The speed of the machine depends upon the nature of the materials and the class of work in hand. Light goods may be operated upon at the maximum rate of 900 stitches per minute, while for heavier goods a reduced speed is necessary according to the thickness of material and the nature of the work.

The machine is fitted with an *exceptionally large cylinder shuttle* of the well-known oscillating type having a *bobbin of great thread capacity*, which is a most valuable feature when the machine is required to operate upon work requiring a coarse thread.

A special feature of the machine is its automatic thread controller. This is an ingenious device which automatically regulates the amount of slack needle thread to suit the varying thicknesses of the goods being sewn, thus enabling the operator to pass from the thinnest to the thickest material within the capacity of the machine.

The machine is *light running and easy to operate by foot* upon a treadle machine stand. When required for foot power it is fitted with a two-speed balance wheel. The treadle stand is also provided with a heavy balanced two-speed driving wheel to ensure *great penetrating power* and to permit of the speed of the machine being easily altered to adapt it for various classes of work. When the machine is wanted for use on power bench it is fitted with a foot lifting attachment by which the presser foot can be raised while the operator's hands are engaged with the work. It is also supplied either with Singer Driving Attachment, which is fitted to the arm of the machine, or with Singer Underdriver.

A large variety of attachments have been specially designed for use with this machine for binding, welting, etc., full particulars of which may be obtained on application to any Singer Shop.

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

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CLEVELAND, OHIO, 1225 W. Ninth Street, N. W.  
COLUMBUS, OHIO, 117 South High Street  
DALLAS, TEXAS, 1305 Main Street  
DENVER, COLO., 535 Sixteenth Street  
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LYNN, MASS., 96 Munroe Street  
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NEW YORK CITY, 561 and 563 Broadway  
PHILADELPHIA, PA., 924 Chestnut Street  
PITTSBURGH, PA., 208 Market Street  
PORTLAND, ORE., 402 Washington Street  
QUEBEC, P. Q., CAN., 63 Crown Street  
ROCHESTER, N. Y., 132 Andrews Street  
SALT LAKE CITY, UTAH, 43 South Main Street  
SAN FRANCISCO, CAL., 142 Fourth Street  
SEATTLE, WASH., 1317 Third Avenue  
ST. JOHN, N. B., 45 Germain Street  
ST. JOHNS, N. F., 339 Duckworth Street  
ST. LOUIS, MO., 1507 Olive Street  
ST. PAUL, MINN., 29 East Sixth Street  
SYRACUSE, N. Y., 434 South Salina Street  
TOLEDO, OHIO, 511 Adams Street  
TORONTO, ONT., CAN., 246 Richmond Street, W.  
TROY, N. Y., 14 Union Street  
UTICA, N. Y., 71 Genesee Street  
VANCOUVER, B. C., 615 Granville Street  
WINNIPEG, MANITOBA, CAN., 306 Main Street

MACHINES OF CLASS 45 K

FLAT BED



MACHINE No. 45 K 5

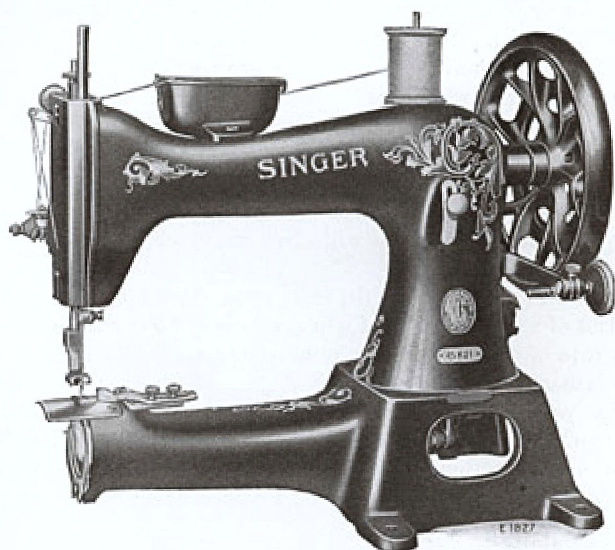
NO.	DESCRIPTION	PRICE
45 K 5	FOR GENERAL WORK IN LEATHER. Needle bar link, drop feed and roller presser. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 900. Cipher, ADNOT.	
45 K 11	FOR STITCHING HEAVY CANVAS COAL BAGS, SAILS, ETC. Needle bar link, drop feed; maximum length of stitch $\frac{1}{2}$ inch. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 600. Cipher, ADNUV. See Form 9335.	
45 K 37	FOR STITCHING HEAVY CANVAS COAL BAGS, SAILS, ETC. Needle bar link, drop feed and vibrating presser; maximum length of stitch $\frac{1}{2}$ inch. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 700. Cipher, ADPIV. See Form 9335.	

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SINGER MACHINE No. 45K21

FOR

HEAVY TEXTILE AND LEATHER WORK

Machine No. 45K21

This Machine is fitted with drop feed and has been specially designed for stitching heavy textile and leather articles of a curved or cylindrical nature, which it would be inconvenient or impossible to stitch on a machine having a flat bed plate.

The Machine is *substantially built* and its *mechanism* has been *specially designed with a view to strength, durability, and easy working*. *All moving parts being well balanced and carefully hardened, the machine will withstand constant and hard usage over a long term of years.*

It makes a perfect lock-stitch, the thread being drawn firmly and evenly into the material.

A special feature of the machine is its *automatic thread controller*. This is an ingenious device which automatically regulates the amount of

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slack needle thread to suit the varying thicknesses of the goods being sewn, thus enabling the operator to pass from the thinnest to the thickest material within the capacity of the machine.

The machine is fitted with an *exceptionally large cylinder shuttle* of the well-known oscillating type having a *bobbin of great thread capacity*, which is a most valuable feature when the machine is required to operate upon work requiring a coarse thread.

It is *light running and easy to operate by foot* upon treadle machine stand No. 83079 and table No. 83402. The treadle stand is provided with a heavy two-speed driving wheel which ensures great penetrating power and permits of the speed of the machine being easily altered to adapt it for various classes of work. When wanted for use on power bench it is fitted with a foot lifting attachment by which the presser foot can be raised while the operator's hands are engaged with the work. It is also supplied either with Singer Driving Attachment, which is fitted to the arm of the machine, or with Singer Underdriver.

The dimensions of the machine are:—diameter of cylinder,  $3\frac{1}{2}$  inches; bed,  $20\frac{1}{2}$  inches long; distance from needle to base of arm, 10 inches; height from cylinder to underside of arm, 7 inches. The maximum length of stitch is  $\frac{1}{4}$  inch, and the machine will stitch any thickness of textile material, or leather up to  $\frac{1}{2}$  inch.

The speed of the machine depends upon the nature of the material, and the class of work in hand. Light goods may be operated upon at the maximum rate of 900 stitches per minute, but for heavy goods a reduced speed is necessary.

A large variety of attachments have been specially designed for use with this machine for binding, welting, etc., full particulars of which may be obtained on application to any Singer Manufacturing Trade Department.

A work plate for flat goods will be supplied at an extra charge, when required.

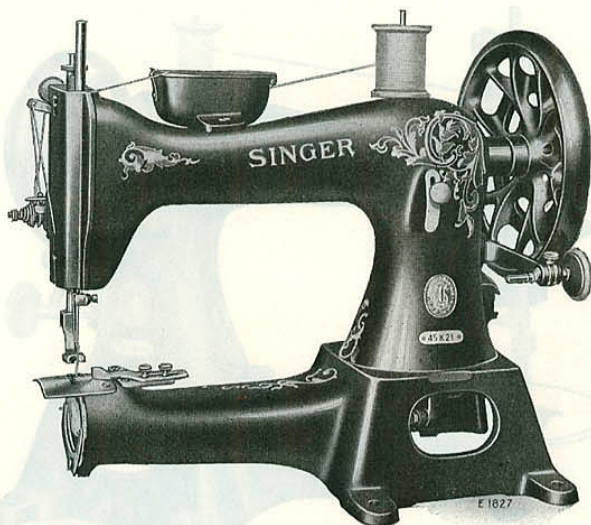
## SINGER SEWING MACHINE CO. SHOPS FOR THE MANUFACTURING TRADE

ATLANTA, GA., 66 South Broad Street  
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TROY, N. Y., 14 Union Street  
UTICA, N. Y., 71 Genesee Street  
VANCOUVER, B. C., 615 Granville Street  
WINNIPEG, MANITOBA, CAN., 306 Main Street

## MACHINES OF CLASS 45 K

### CYLINDER BED



MACHINE No. 45 K 21

NO.	DESCRIPTION	PRICE
45 K 21	FOR HORSE FEED BAGS and other cylindrical work. Needle bar link, drop feed. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 900. Cipher, ADNYW. See Form 9351.	
45 K 25	FOR GENERAL WORK IN HEAVY LEATHER requiring a cylinder machine. Needle bar link, drop feed and roller presser. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 900. Cipher, ADPAS. See Form 9334.	
45 K 41	FOR HELMET WORK. Needle bar link, drop feed; bed reduced back of throat plate. Regularly furnished with left and right roller pressers Nos. 82435 and 91187. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 900. Cipher, ADPOW. See Form 9440.	
45 K 42	FOR SADDLERY WORK. Needle bar link, top feed. Plain feeding presser foot and lifting presser foot (outside). Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches Speed 700. Cipher, ADPUX. See Form 9071.	

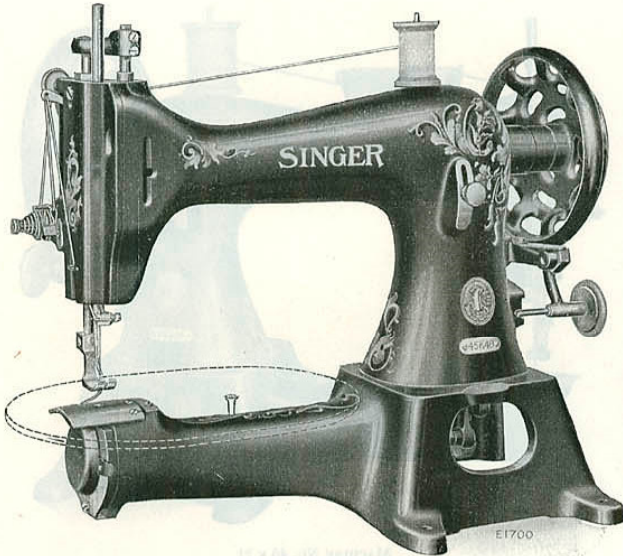
NOTE. Presser foot feed points may be used with this machine, but are only supplied when specified on order and are charged extra.

NOTE. Work plates are not furnished with Class 45 K cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of net to the selling price of the machine.



## MACHINES OF CLASS 45 K

### CYLINDER BED



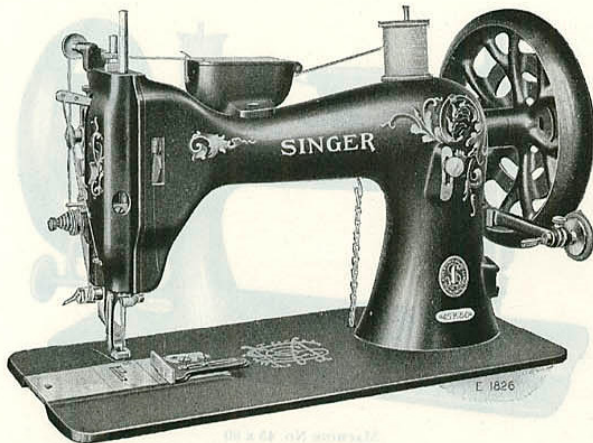
MACHINE No. 45 K 48

NO.	DESCRIPTION	PRICE
<b>45 K 48</b>	No. cancelled. presser and work plate. Balance wheel (two speed) No. 91613. Diameter of belt grooves 3½ and 5 inches..... Speed 400. Cipher, ADRA7. See Form 9060.	

NOTE. Work plates are not furnished with Class 45 K cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of \_\_\_\_\_ net to the selling price of the machine.

**MACHINES OF CLASS 45 K**

**FLAT BED**

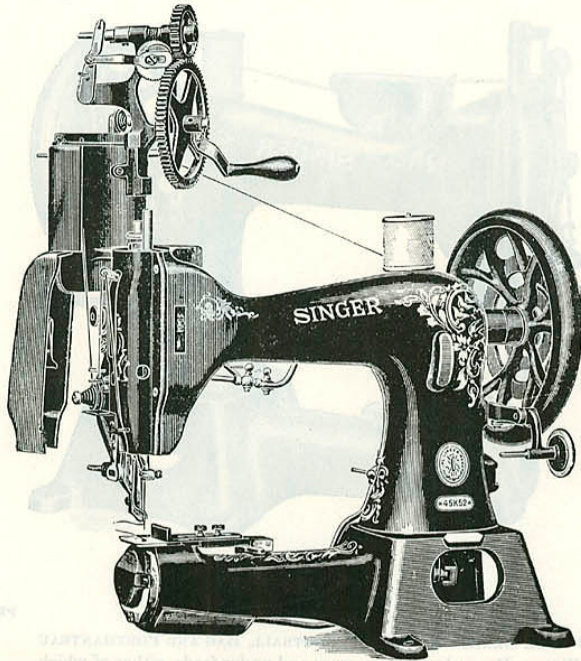


MACHINE No. 45 K 50

NO.	DESCRIPTION	PRICE
45 K 50	FOR BOOK AND PAMPHLET STITCHING. Needle bar link, independent upper and under feeds; maximum length of stitch $\frac{1}{2}$ inch. Balance wheel (two speed) No. 91002. Diameter of belt grooves $3\frac{1}{4}$ and $5\frac{1}{8}$ inches. . . . . Speed 800. Cipher, ADREV. See Form 9331.	
45 K 58	FOR GENERAL SADDLERY, BAG, PORTMANTEAU, CLOTH AND CANVAS WORK. Drop feed, vibrating and climbing presser. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{2}$ and 6 inches. . . . . Speed 700. Cipher, ADSEW. See Form 9353.	

## MACHINES OF CLASS 45 K

### CYLINDER BED



MACHINE No. 45 K 52

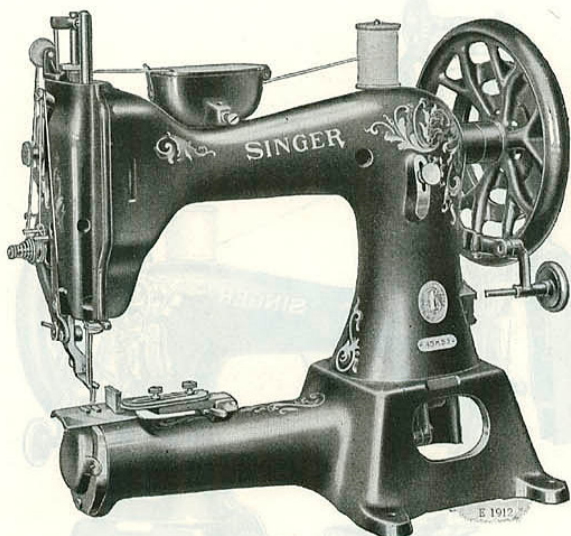
NO.	DESCRIPTION	PRICE
45 K 52	FOR SADDLERY WORK. Needle bar link, top feed. Plain feeding presser foot and lifting presser foot (outside). Has gas heating device for hot wax stitching and bobbin winder No. 91399. Balance wheel (two speed) No. 91002. Diameter of belt grooves $3\frac{1}{4}$ and $5\frac{7}{8}$ inches. . . . . Speed 700. Cipher, ADRIW. See Form 9071.	

NOTE. Presser foot feed points may be used with this machine, but are only supplied when specified on order and are charged extra.

NOTE. Work plates are not furnished with Class 45 K cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of . . . . . net to the selling price of the machine.

## MACHINES OF CLASS 45 K

### CYLINDER BED



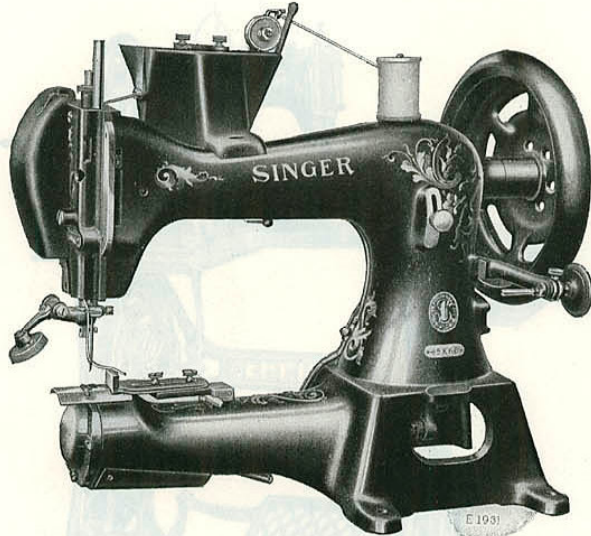
MACHINE No. 45 K 53

NO.	DESCRIPTION	PRICE
45 K 53	FOR GENERAL SADDLERY, FOOTBALL, BAG AND PORTMANTEAU WORK. Has independent upper and under feeds, either of which can be suspended, making the machine an under-feed with stationary presser foot or a top-feed machine, or both feeds may be used in unison. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 500. Cipher, ADROX. See Form 9345.	
45 K 56	FOR GENERAL SADDLERY, BAG AND PORTMANTEAU WORK. Drop feed, vibrating and climbing presser. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 700. Cipher, ADSAV. See Form 9354.	
45 K 63	FOR HEAVY BOOTS, HELMETS, FELTS AND OTHER FABRICS. Has roller presser and vertical trimmer that trims from $\frac{1}{8}$ to $\frac{1}{2}$ inch from the seam; drop feed. Machines are fitted with $\frac{1}{16}$ , $\frac{1}{8}$ and $\frac{3}{16}$ inch cutting bars unless other widths are specified on order. Balance wheel (two speed) No. 82404. Diameter of belt grooves $3\frac{1}{8}$ and 6 inches. . . . . Speed 900. Cipher, ADSIX. See Form 9339.	

NOTE. Work plates are not furnished with Class 45 K cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of net to the selling price of the machine.

**MACHINES OF CLASS 45 K**

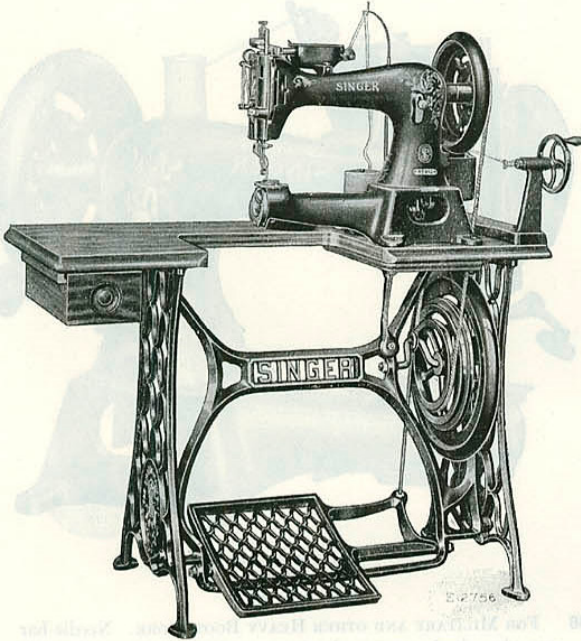
**□ CYLINDER BED**



MACHINE No. 45 K 66

NO.	DESCRIPTION	PRICE
45 K 66	<p>FOR MILITARY AND OTHER HEAVY BOOT WORK. Needle bar cam, drop feed, compound take-up and gas heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves <math>3\frac{3}{8}</math>, <math>4\frac{7}{8}</math> and <math>7\frac{7}{8}</math> inches. . . . . Speed 700. Cipher, ADTAW. See Form 9349.</p> <p>NOTE. Bobbin winder No. 91400 is recommended for use with the 45 K 66 machine for hot wax stitching. As one bobbin winder will serve for several machines, it is not included as part of the head and must be ordered separately on Form 450.</p>	
45 K 67	<p>FOR GENERAL SADDLERY, BAG AND PORTMANTEAU, TEXTILE, FABRIC WORK, ETC. Needle bar cam, drop feed, compound take-up, high lift and vibrating and climbing presser. Balance wheel (three speed) No. 91749. Diameter of belt grooves <math>3\frac{3}{8}</math>, <math>4\frac{7}{8}</math> and <math>7\frac{7}{8}</math> inches. . . . . Speed 350. Cipher, ADTEX. See Form 9355.</p> <p>NOTE. Work plates are not furnished with Class 45 K cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of net to the selling price of the machine.</p>	

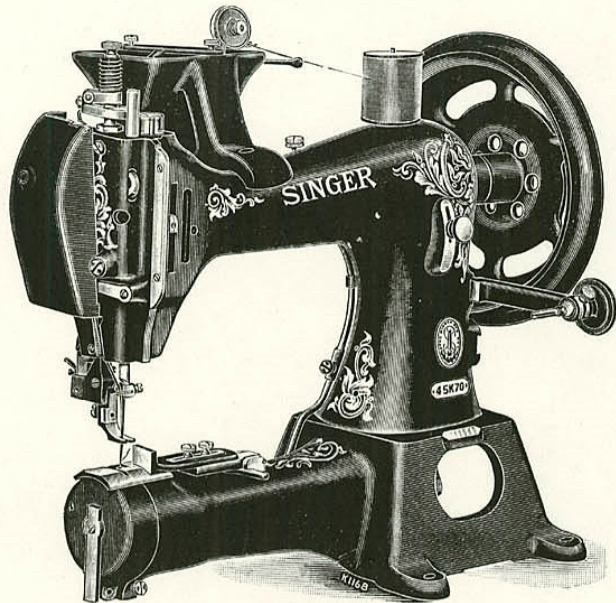
**MACHINES OF CLASS 45 K  
CYLINDER BED**



MACHINE No. 45 K 69 ON TABLE No. 83384 AND STAND No. 94505  
(For List Price of Table and Stand see Form 8801)

NO.	DESCRIPTION	PRICE
45 K 69	<p>FOR STITCHING SOLES ON SHOES, maximum thickness <math>\frac{5}{8}</math> inch. Needle bar cam, drop feed, compound take-up and high lift. Has throat plate fitted with knife for forming a channel for the lower thread. Length of stitch up to <math>\frac{1}{4}</math> inch. Regularly furnished with gas heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves <math>3\frac{3}{8}</math>, <math>4\frac{7}{8}</math> and <math>7\frac{1}{2}</math> inches. Head only.....</p> <p>Cipher, ADTUB. See Form 9446.</p>	

**MACHINES OF CLASS 45K  
CYLINDER BED**



MACHINE No. 45 K 70

NO.	DESCRIPTION	PRICE
<b>45 K 70</b>	FOR SADDLERY WORK, ETC. Has gas heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves $3\frac{3}{8}$ , $4\frac{1}{8}$ and $7\frac{3}{8}$ inches. . . . . Speed 350. Cipher, ADTYC. See Form 9355.	
<b>45 K 72</b>	FOR SADDLERY WORK, ETC. Has spirit heating device for hot wax stitching. Balance wheel (three speed) No. 91749. Diameter of belt grooves $3\frac{3}{8}$ , $4\frac{1}{8}$ and $7\frac{3}{8}$ inches. . . . . Speed 350. Cipher, ADVEZ. See Form 9355.	
	NOTE. Bobbin winder No. 91400 is recommended for use with the 45 K 70 and 45 K 72 machines for hot wax stitching. As one bobbin winder will serve for several machines, it is not included as part of the head and must be ordered separately on Form 450.	
<b>45 K 76</b>	FOR SACK DARNING. Needle bar link, lifting presser and work plate. No feeding mechanism. Fitted with friction controlled balance wheel (two speed) No. 95189. Diameter of belt grooves $3\frac{3}{8}$ and $5\frac{1}{8}$ inches. . . . . Speed 1000. Cipher, ADJAB.	

NOTE. Base No. 94975 can be furnished for this machine at an additional charge of

NOTE. Work plates are not furnished with Class 45k cylinder bed machines, except where included in description, but can be furnished if so ordered at an addition of net to the selling price of the machine.

Insert in Form 8800 in place of leaf now showing 45 K 70 to 45 K 74 Machines (November, 1926).

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