DIRECTIONS

for using the improved Universal

Central Bobbin

NECCHI

Sewing Machine
with articulated
thread stretcher

Please keep this boocklet for consultation.

Singin Weulles 15X1 400 there

Important Direction

General remarks

records by Universal Certral Babbin Saving-Mothiland as yeard variety of uses, is suitable for fertill as well as for seedlewines, because the most select work and the finest applicable work with pleosing after one accomplished with it, besides the ordinary servingshired is every horse, which can be done with optimist

If cen saw the ordinary straight stick, as well as the signagiane, and it has a perticular characteristic, reamely when a signage stick is left to pass on to a straight stick, the latter can be obtained either completely !

This machine has another peculiar characteristic of gitinportance, that is to say, the rig-say attich is obtain with synchronous displacement, crosswise in the directi of the solvence of the nesterial, both of the needle as

the common occurs manual.

Constructively, this translatory movement of the need and the shutleholder set, has been obtained with a spiral Necchi Patent device wich ensures periods limits neity of their movement and the wasta positive of each when the machine has to work as as ordine domestic machine for straight tillches, or when specific dements machine for straight tillches, or when specific

zig-zeg work tes to be done.

As we will show later as with full details, the drive of this movement is obtained by merely moving levers in positions that can easily be reached.

Our obviousing Fellers in these twee most important advantages, of which one is that of being palle for use retrain bottom deather in this madeline too, which has always feller more possible on account of his prediction qualifies, and to existed resulting, shalland, which are more complicated and desiring, and other give mostale; the other contact and desiring, and other give mostale; the other which (see oil the other opposit, is in the same publishes of that of others, sensing machine.

Il Bappois therebrie that when he Merch! All operation Il Bappois therebrie that when he Merch! All operation ordinary commit hobbit maching, without being histoness or respectively are other drops in movement, and beging all those characteristics of simple and practicel points and or perater version, which have made the central backbir machine the only one that is really suitable for all sided off versi.

he ports under the surface of the machine which are be cilled one shown in fig. 2 Some suitably stripted as indicate the most delicate points requiring a very stall hardication. When the machine is contractly d. It is received to class and cill the shalle bed very



Fig. :

with come and of that and years, once worth will there in conceiling the order to according the processing the processing the conceiling the order to according the processing the conceiling the conceil

How to attach and disjoin the wheel

have it loose, hold it still with the left have sid lars the Maurice Button 8 (fig. 3) with the right is directlos of the arrow. To ettach it, turn button 8 in the opposite direction as long as resistence is found.

Cleaning & oiling

Is order to keep the machine in good conditions, cill is the most imported operation; it is excessive to a noil of excellent scaling, and the collection of the conducting holes and strike to the parts in it was not account of the collection of th



In order to spoid domages, it is necessary to disjoin the wheel when the drive of the machine's treadle has to be learnt, and also when the little bobbin has to be



How to remove the sample

cas and with the selegible in a position to be well, if why to remove the latter might be known as orce. To this, fare the wheel sovertide yeared until the seed in a table highest polytical, table the lead by means: leave if the 15,1 take the seed by means: leave if the 15,1 take the seed by means of the latter than the seed of the latter than the

of the stitching

make the nective help been gregored in according port under dood high go, that wheth lever It is the port under dood high go, that wheth lever It is the between When the metaller is botted and the orientation of the third between the port of the port of the port of the third between the port of the port of the port in a state port of the assets, if it come is required, the movement of a macriter graft the property of the port of the assets, if it come is required, the movement of a macriter graft the property of the assets, if it come is required to the port of assets, if it is possible to asset the port of port of the port of port

encourage device: the non-positions are indicated by the When the sittle regulating level B is all encourage to the sittle and the sittle sitte sittle sit

How to remove the bobbin case, the bobbin & the hook

the pin of the book, it is first of all recentary to conpletely open the running plate R. (fig. 5), then furn the wheel ural the needle reaches the highest possible posison. Afterwards open the look A. (fig. 4) and by pulling

slightly take out the bobble case F containing the bobble G. To set the bobble case eapn in the position, after the position of the position of the position of the position of the the left hand and fation the bobble case on the pix of the host, Alterlian must be paid that the crook 6 of the bobble case in perfectly adjaced on the pixel bed





Care must be saken to have the lock allows settled copes with right pressure, till the books care has completely been instructed in the hook, in ordal to avoid must be booken right cut. Defice they, it is possible that the booken control and title and bridges the full intesection of me books case, which would go and distincent of the books case, which would go and all inte-

To see out the book from its bef, particularly if the prince of the bookins has eatherd in the book or do to color the bookins as eatherd in the book or do to color the revenues, if well be sufficient to goal the the revenues of the color of the color of the taking well classical time bed and all other point are every, everything result be put back in its proper doc.

How to thread the lower cotton.

Pall a bobbin filled with cottoe in the bobbin case (it will be seen light on how the filling bakes place by relets of the window), bolling the time end of the covered to the window), bolling the time end of the covered at the window) indicated in the state should be seen to be a seen to be



case in such a way that the cotton, getting unfold from it, left if run contrary to the heady of the wetch, supposing it is placed under the botton case on the book as parting. 4.

Then past the friend under the small spring D III go at 10 into 1 cone and more the side of the spring of the past to shorth 10 cm engine of the bottom can be provided to the cone in the past to the past

How to thread the upper cotton

Control Feel Scools - 1982, Sheet Scotland -

How to remove the needle

to remove the needle, the needle but must be sed (by larring the which to its highest point; then some slight the scree of the holder and review the edie to put the relate egot, it must be entered in the leg of the needle but, string core that the fibs gett of

How to start sewing

your toll some miches the not except in the line of the code to recid them winding will consequent stopp of the machine.

Avoid for staff the machine before having put the under the present foot, offerwise the lineads may come tailored and the machine had to work.

To stitch thick staffs or to peak through a seen made before, stackes the movement of the treodily and ton with great color the wheel with the right hand, in order to svoid bending or breaking the seedile.

How to adjust the tension the tension of the lower thread is regulated by screw tiffs. 5) which files the spring of the botton case. When Islating to the right, the spring is present applied to complete the tension of the thread the cooline case and therefore the tension of the thread

Fig. 7

Fig. 8

If the upper tempte is not week (as in 1g 6) thread of the bedden draws under the upper thread flows series of loops in the lower part of the seving the upper thread to the seving the upper tempter (as in 87 may 18 to sport flows).

How to adjust the pressure of the foot on the stuff

botton I (mg. 5), which is attraveld in the apper part, the machine in contreleptoneous with the staff press bot. By farring this busines from the left to the right pressive is increased, and it is insurance when it burned from his night to the left. The pressive of 1500 is generally increased for thick and strong staff to the left in the left and strong staff or the left in the left in

Thanks to our patented device, the needle plate can



Bg. 9

in correspondence to the left position of the seedle, in machine. that the rig ray regulating lever be at rought, any totally at the last and that the lever for displaceman of the needle also be tetelly at the left man titled. tion Nr. 161; of course without this precession the needle



Fle 10

Directions for embroidery

13



Pic. 11



displaced to the left or to the right. The largest of objectivity flower will allow the acid displacement. I lever X in the org one countered lever, because by displacing X are placed to the counter of the counter of displaced to the organization of the counter of the largest 1 spith; client on this drive bottom, or serves to fix the position to the right of lever X, so as to entail to pass many frome from studget to by a greatly of the counter of the counter



so those the stad mode, deltas or must be coopened to the control of the levere to stad stad or mode. The position of the levere to straight control which we have been presented to the position of severy with bolled patter and lever to the the window, to the right or to the left occurred to the position of severy required, left and linder 1 of mode. On the severy required, the control of the left of

y satisty using the different lengths and widths of stick, and working signification for the recelly making use of coloured threads, the most writed of preparet kinds of sewing can be obtained, as shown figures 15 and 14.



come and most tarte of the extendence

Button hole
This reachine saits more than all others for making button holes.

Thanks to his patented device for displacing the needle is streight working to the left or the light, a quick and search work can easily be obtained, Button holes con be swar, why or without a relations through, but it is accisable to use if, as the holes will foot longer. To make button holes, the special loot (fig. 15) with plate-C must

be used and must be assembled under the regularing



119. 1

which regulates the date of the tip to go.

The limit can be beginned as which a self-th fields, the first that is the limit can be used to the self-th field as the case of the limit can be a self-th field as the case of the limit can be used to the used to the used to the limit can be used to the used to



Short the second with a finish of the delay of the second with a second

Special attachments and their uses

A short description corcoming the special attachments (which we deliver on domain), apart from the usual accessories equipment) follows, with illustrations showing

Mending

The machine prepared for embroidery, as said before, can also be used for meeding, this work can be leated eatily and it very useful in all bones. The tension must



Fig. 17

used in the Yarte at 33 detections; a both thread those choices both for the bottom and the needs, postably similar to the fabric to be merched. The medicing is done by guiding the frame forwards and backwards in order to cover the tolk plott and to first to about half certified to about half certified for any the sound one with

Now you'ver interests in the contract of the double was a plant and the bill and the double of the contract of

The fact for this perpose can be seen in fig. 18 where a sangle of this serving is reproduced. To execute the well get the board in the hole at the



Fig. 18

of the strick, so as to have the breid covered by the seem.



Policy and festoon home



Fig. 20

Straight Guide



Fig. 21

Quilting device



To sew buttons on



Fig. 25

Round button holes

These are made by using the attachment endowed with: a nearling plate with phot (Rp. 24), a feed dog for the plate and a rudular blaze for catting the bale on the fault (Rp. 28).



Fig. 24

The pivot of the pivot and the tubular blade are made, on demand, with verious diameters according to the city moser of the hole to be made.



Fit the modifies with lever P (fig. 12) gails to the right and set the emplecess of the rig zap at your living by moving lever E (fig. 12). Tensions must be normal. After basing plenced the staff with the blade let the



note go into the pivot of the needle plate (fig. 27) and internating saming the stort slightly in the direction of the hards of the watch. If it is solvable to the hade in ministed it colors to content the option of the hade in ministed it colors to content to the color of the hade of the hade of the color of the Fivery type of thread can be used for seving the hale the choice of the thickness capperds here the vier for

Key Button holes

These are made with the MECCHI BU machine by sithe special device (Eg. 29 and following) endowed with a special policy to be placed under the critical for oil the signal properties (Feb. 19 and 19 a

() a bobble case with burnished bolt bearing the letter 0 (switch holes) (fig. 27-a).
5) a conicel spring to replace the spring placed on the upper tersion (fig. 27 b).



Fig. 27



the C applied the lever and the INDA is the position model; the and of the bottom host, which is operationable, model as the control of the control of the lever and the l



So oldars a still better soot, if it is excesses to older one to get a lower convey of the sout, get attacks it is even a south of the south of the

the batton toke to be mode must be cut by means or

the proce of 90 Me, with which can be cut hade of the property of the cut made to regarded prought. The shappy of the cut made be regarded prought to the property of the cut made to regarded prought to the cut made to the cut to be necessarily on the cut to be necessarily of the cut to be necessarily of the cut to the cut to the cut made to the cut

The sist orlinoide thread cores from a bobble placed on the bods obtained and other settings in c. is on the bods obtained and other settings in c. is of the bods obtained to the bods of the bods of

before holes are chained.

With this device only before holes with rounded head

With this device only before he with rounded head

With this device only before

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positions design security. In ferrice, distinctly from a position of the position of the left service, the position of the position of the left service, the position of the left of the position of the left service. In the legislation of the left of the evidence that can be added as exact regulation in low side with whether the began an appointant to the great efficience of the star. For positionary this early the position of the positi



Rg. 32

ficular of the potential device consists in the space building of the two small gains whose is 6, in which of cholesh (set to the device than forming a sure guide to the state should have as the displaced up self or the state should have been supported to the state of state sta



Bir. 33



Fig. 54

CHIEF CAUSES OF THE MOST COMMON TROU-BY FOLLOWING THE EOREGOING DIRECTIONS

Broken upper thread

Broken needles

Improper Sewing

Why transport may be deficient

Too went pressure of the presser foot for the s to be sewe. The feed dog may be too much worn; If the to seem as longer sharp when passing the fingers on

fachine hard to work

Machine hard to work.

This is generally due to the threas entering the shall also bed proceed as pel direction to.

Bet Iso light; change it. On the contray if the bette too light; change it. On the contray if the bette too long, it will also on the wheel and negative more

getters periodizing over the media place.

Noisy treads
This means that play is taking place in the two pair
crows supporting the load body, or in the landon or

This means that play is taking place in the two pair acrows supporting the last beaut, or in the justice; the correcting role such the boat board, and in our nee of the connecting cod, or also in the role but held books at the each of the wheely creak shell. All these class can assist be enroved by subbole objustments in the path is question, but it is always better to have the

COTTON & NEEDLE TABLE

	KIND OF CLOTH	Nrs. of cotton and silk
70	Musin, cambric, lines cloth and good silk	80 to 150 collon 00 - 000 silk
90	Lines goods, sheetings and beavy silk	60 to 80 cotton 0 - 00 silk
100	Thick lines goods, woolles	50 to 80 collon A or B silk
110	Heavy woollen goods and all kinds of thick clothes	40 to 50 cotton A or 0 silk
120	All kinds of starts for heavy clothes	St to 40 cotton G of D silk

Keep in mind at a practical rule, that the coffon to be ased must pass freely through the eye of the reseds and must be completely completed in the proper of 2.

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