

BEST
HAND KNITTING MACHINE
EXPLANATORY NOTE

TOKYO BEST KNITTING MACHINE CO., LTD.

AOYAMA TOKYO JAPAN

Catalogue of Best Hand Knitting Machine

Special Features of Best Hand Knitting Machine

Best Hand Knitting Machine is the most superior hand knitting machine for home use which designed as an intermediate device between both machines heretofore used in home and in industry. Then, this machine has the following distinguished traits :

1. Finishing is quite same as hand knitting ;

No unreasonable power will be forced upon threads. You may have ductile products, completed several times as quick as those made by other hand machines theretofore in use.

2. Easier in operation ;

Any one can knit easily only with operation of the handle.

3. Adaptability to all kind of knitting

Any type as you like, such as figure-knitting, knitted-in, etc. is made with simpler method compared with other machines.

4. Micro-regulator device for eye ;

The requested interval for any thread to be knitted will be obtained readily and correctly by dint of adjusting graduation on the handle.

5. Complex parts are not required ;

Complex parts such as arrow, needle pusher, bullet, etc. being used on other machines are not used.

6. Unique style ;

This machine is designed in unique form with high grade chroms plating and with special lacquering. Thus, BEST HAND KNITTING MACHINE has six superior features as mentioned above.

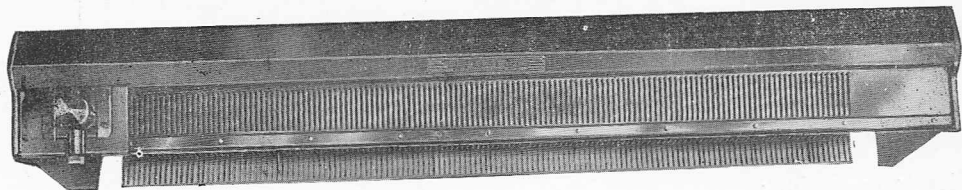
Kind of Best Hand Knitting Machine

150 eyes : Adaptable to ordinary thick thread and medium fine thread and finer threadFor home use

170 eyes : Adaptable to medium fine thread and finer thread.

NAME OF PARTS AND ACCESSORIES

A.



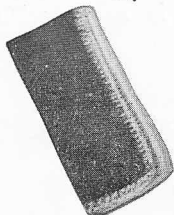
D.



H.

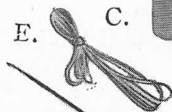


B.

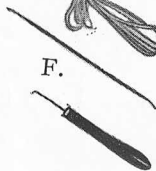


E.

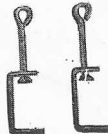
C.



F.



G.



A. Main body

B. Knit-Starting cloth

C. Silk thread

D. Thread pusher

E. Hooked needle

F. Latched needle

G. Fixer

H. Vinyl cover

Name of Parts and Accessories

Knit-starting cloth: Use this to provide eyes for knit-starting.

Silk thread : Take a function so as to separate knit-starting cloth from regular thread, then this thread will be pulled out later from products.

Thread pusher: A graduated plate which pushes eye or thread, as the case may be, beyond the latch hinged on "A needle"

Hooked needle: Need for adjusting eye in the operation of figure-knitting or so on.

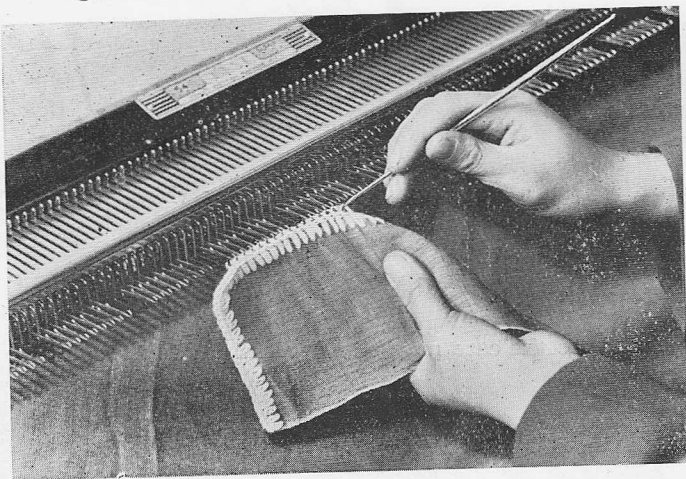
Latch needle : Need for remodeling eye in the operation of elastic-knitting or so on.

Fixer : Parts which fix main body onto knitting rack or desk.

Vinyl cover : Cover for machine whenever it is unused.

Illustration and Explanation for key Points in Basic Operation

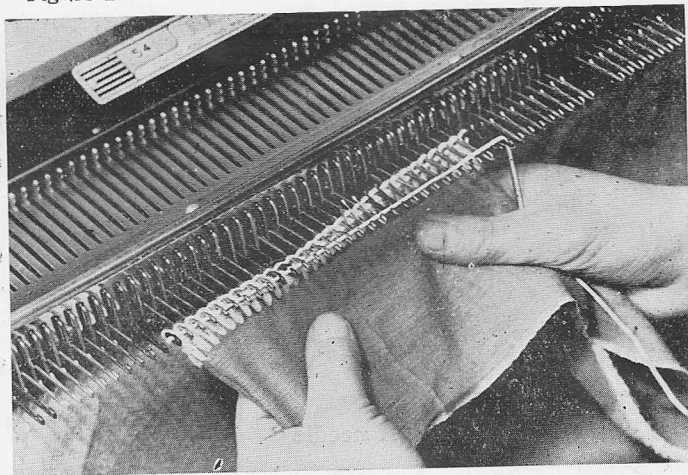
Figure 1



1. Lay down the latch hinged on "A needle" to opposite side, and attach eyes of starting-cloth to "A needle" then toward eye beyond the latch. Then put silk thread on "A needle" and knit it once.

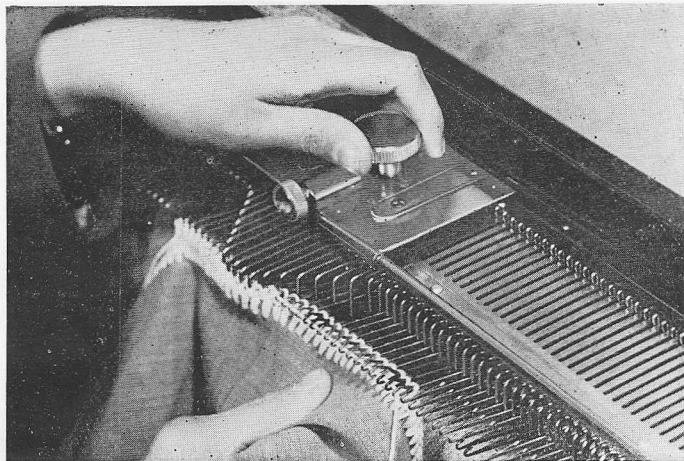
And pull out it finally to separate starting-cloth from products.

Figure 2



2. Put a silk thread, so as to start from any front that the handle is placed, on "A needle" of which number you want, and pull the starting-cloth near toward you while pulling thread softly, the latch will cover that thread on "A needle".

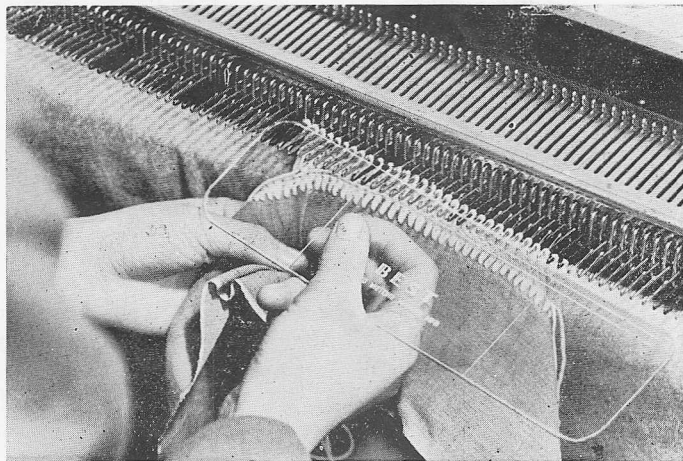
Figure 3



3. Let go your hold of the thread and take starting-cloth in one hand so as to draw toward you, and move the handle by another hand.

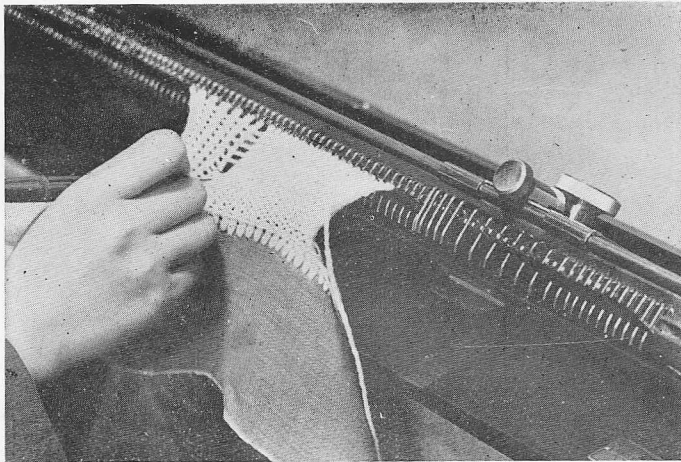
(It is important that you should hold off the thread, because if you do so, you can avoid any resistance adding upon the thread. If there is any resistance it will cause an uneven eye.)

Figure 4



4. Now, in this step you must push knitting eye beyond the latch, however, if you have so many eyes to be pushed, you can do it with thread pusher, operating so as to fit it "A needle" and slide it obliquely to opposite side in smooth as shown in Figure 4, then the eye will be carried beyond the latch. After that, you can put regular knitting thread, then you will complete a stockinet-knitting by repeating operation shown in Figure 2 to 4.

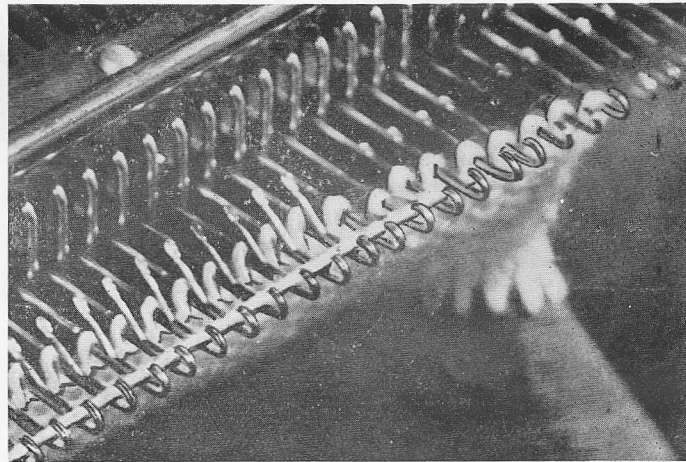
Figure 5



5. With reference for elastic, garter or dapped knitting, you must set the main body upright by the help of the prop, an iron plate hinged under reverse side of main body and be able to inclined toward you. After this you can start to make adjustment or remodeling of knitting eye with hooked needle or latch-needle.

Figure 5 gives you a adjusting operation to one-stitch elastic-knitting with latch-needle.

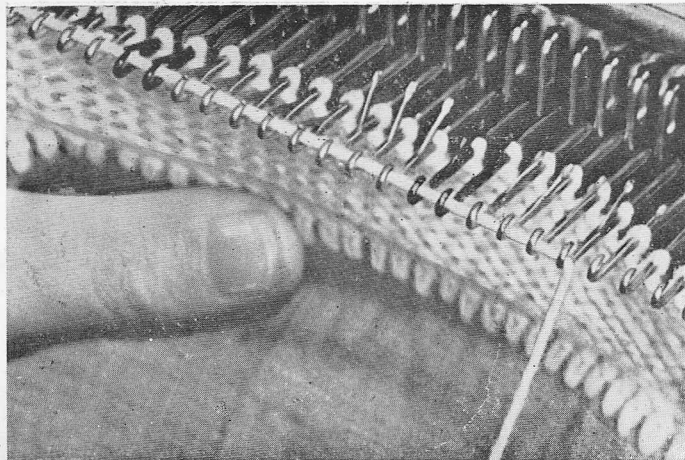
Figure 6



6. Retrace-knitting

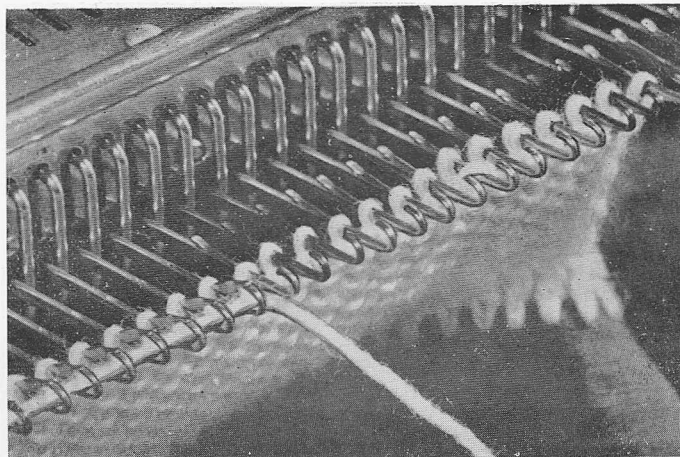
keep an eye which is to be idled remain on this side of the latch, while pushing other eyes beyond latch, then put the thread on those needles.

Figure 7



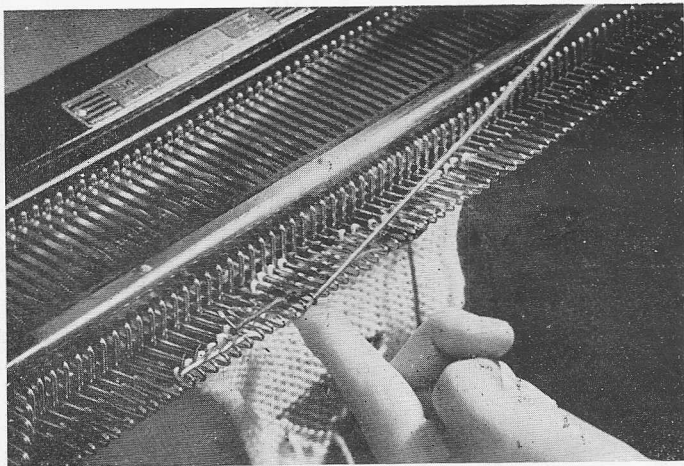
7. Let the eye which was idled before leave again on this side of the latch, as it was, and push other eyes which were knitted beyond latch, after this put the thread on needles of which eyes are to be knitted and the neighbouring needle of which eye is to be idled, too.

Figure 8



8. The thread so placed on that idled eye will remain double, therefore after completion of retrace knitting, blocking for those doubled eye should be made.

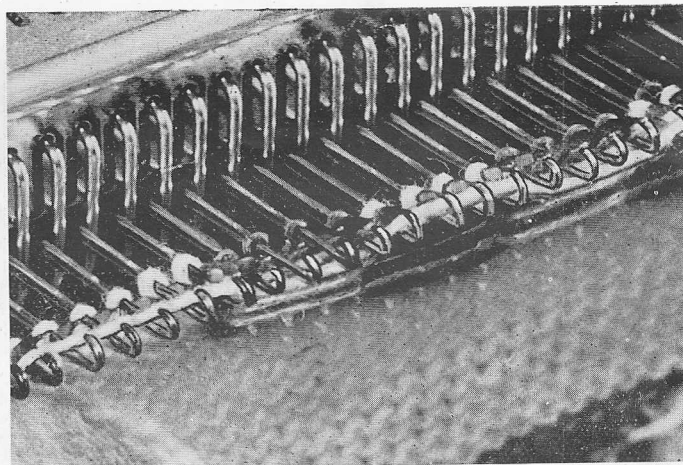
Figure 9



9. Knitted-in

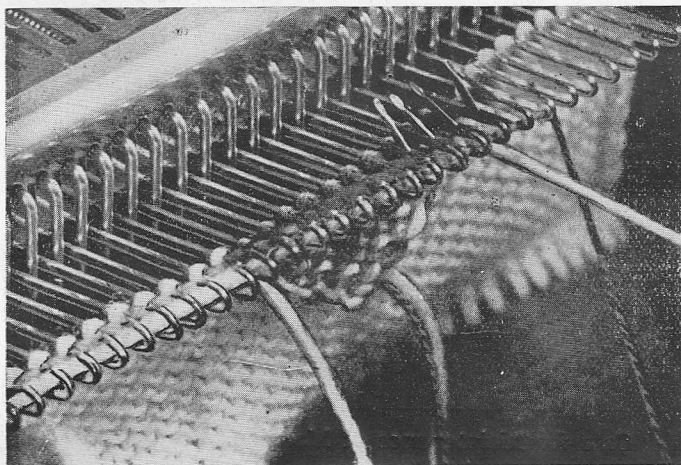
Put colouring thread on a certain needle of which number requested (in this case the regular thread will pass under the needle) with an additional action so as to attach it to the needle which regular thread was attached already and just prior to casting point of this knitting operation. When any pattern is not required, colouring thread will pass under the needles (this time the regular will run over those needles.

Figure 10



10. Before casting for this operation the colouring thread which is attached to the last regular thread's needle must be replaced to upside on that latch. Because by doing so, when operation has made, the eye will be caught by reverse eye of regular thread, so that you can prevent loosening the colouring thread from regular one.

Figure 11

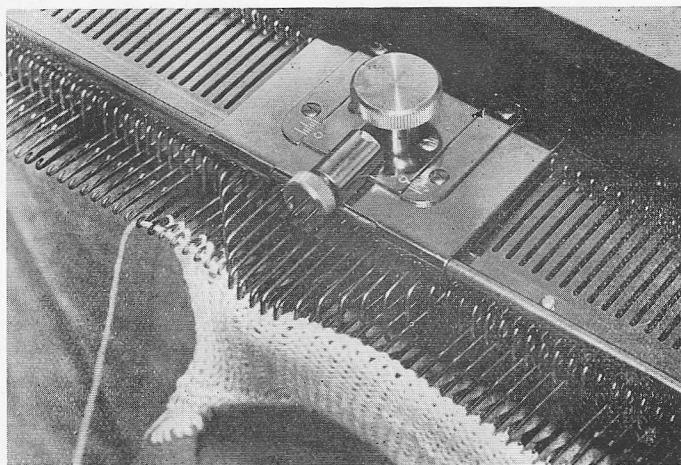


11. Changes-knitting

Suppose a colouring thread was putted on some needles for this knitting:

Pull up remaining portion of colouring thread from under the regular one's, and in next, pull up the remaining of regular thread from under the colouring one's. As a result of this these thread were twisted one time, so that you can prevent loosening would be ocured between two threads.

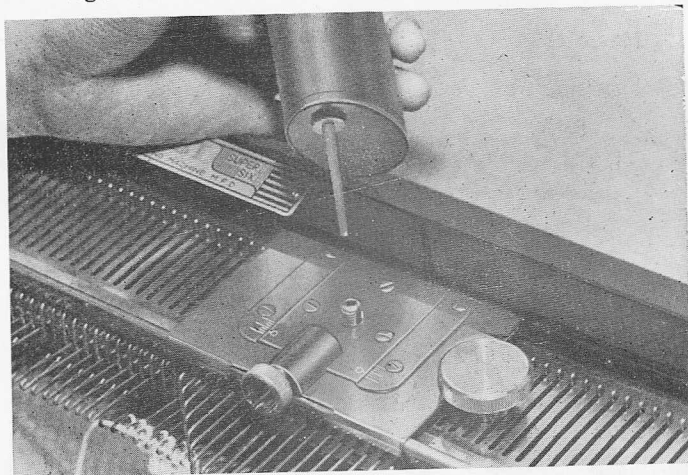
Figure 12



How to adjust the graduation

1. Drive the handle's cock to the left and loosen the screw.
2. Drive the adjuster (small screw cock on lower one in Figure 6) to the right. By this the graduation will be forwarded, that means knitting eye is going enlarged step by stop so as to fit for ordinary thick thread or thicker one.
3. When you drive adjuster to left the graduation will go back and knitting eye will be set closely for fine

Figure 13



or finer thread. 4. Having done eye-adjustment and screwed down the adjuster tightly by driving the handle's cock to the right, you can set about your work.

Care for Maintenance of Machine.

1. In order to minimize the effects of friction between "A needle" and the handle, oiling into oil-hole (This will be found when the handle's cock is screwed off) with oiler must be kept once a week.
2. It is essential to wipe the rails and needles with oil coated cloth for both in humid season and an occasion when machine seems to be no use for reasonable period.
3. To prevent from accumulation of dust at the bottom of the striped plate, the machine should be covered with Vinyl-cover while being unused