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General information

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(A)

Size of baseplate Passage space Presser foot lift Max. reverse stitch length Max. forward stitch length Stitch distribution Max. zigzag width Shuttle system

(A)

6,5 mm 4 mm 375×182 mm 110×200 mm 2 mm

left -- center -- right

4,5 mm

Needle system Bobbin capacity Thread tension

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non-jam central bobbin shuttle

Motor Winder

> tension assembly inbuilt controlled upper thread

75 m cotton yarn

self-releasing

power: 85 watts

approx. 9.15 kg approx. 1200 stitches/min. power: 15 watts

Weight complete with carrying case Weight of machine approx. 15 kg

Number of stitches

Sewing lamp (built-in)

388 mm 182 mm

315 mm

overall length Machine dimensions:

height over adjusting lever overall width

(safety regulations – BEAB, OSHA etc.) Important note

is a source of danger (danger of injury to fingers). Please observe the sewing position while sewing. The moving needle

without supervision and during servicing (cleaning). the needle, presser foot, bobbin or needle plate, when stopping work by pulling out the plug from the socket when changing the light bulb, The sewing machine should be disconnected from the power supply

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Address:

Date of delivery:

Machine No.

Dear Bernina Customer,

gratulate you on your choice and thank you for the confidence you have placed in us. You are now the fortunate owner of a new Bernina! We con-

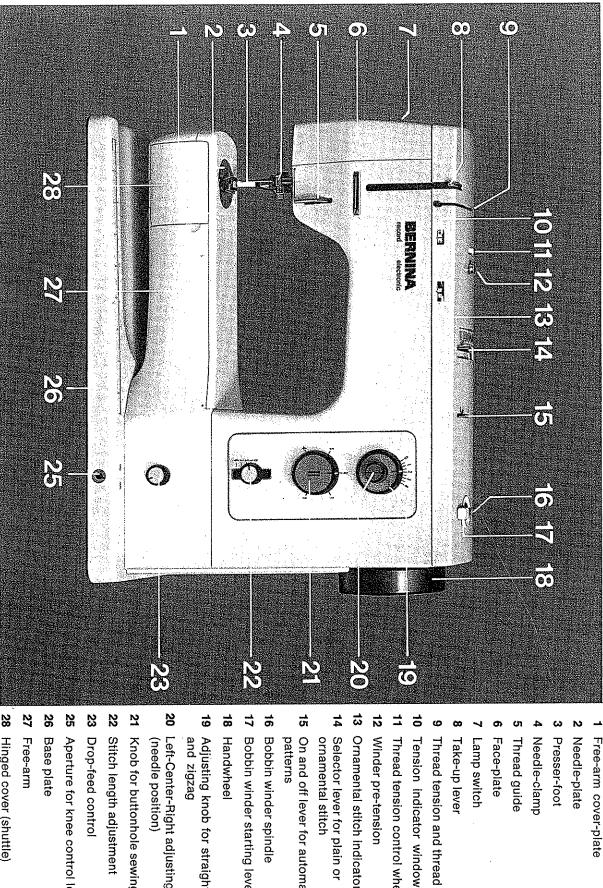
We hope that you will find it an invaluable aid to your sewing the best use of your sewing machine in the years ahead. Guide» because we are convinced that it will enable you to make We have called this introductory Tultion Book «My Bernina

Very soon you will be thrilled by the easy operation of your pleasure of sewing, and creating for yourself attractive and techniques described in this book will you experience the true Bernina and by its extreme versatility. But only if you master the useful articles.

a very useful reference book that will serve you for a life-time. appropriate spaces printed in red, you will provide yourself with samples. If you glue your most successful samples in the illustrations in this book carefully while practising individual We advise you, therefore, to follow the text and study the

We wish you every success in your future sewing

Steckborn TG/Switzerland Fr. Gegauf Ltd., Manufacturer of Bernina Sewing Machines



Free-arm cover-plate

- Presser-foot
- Thread guide
- Face-plate
- Take-up lever
- Thread tension and thread guide
- Thread tension control wheel
- 12 Winder pre-tension
- 13 Ornamental stitch indicator window
- Selector lever for plain or ornamental stitch

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- On and off lever for automatic patterns
- Bobbin winder spindle
- 17 Bobbin winder starting lever
- 19 Adjusting knob for straight stitch and zigzag

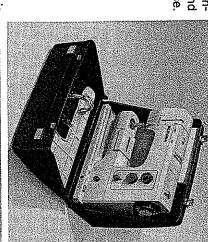
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- Left-Center-Right adjusting knob (needle position)
- Knob for buttonhole sewing
- Stitch length adjustment
- Aperture for knee control lever
- Base plate
- Free-arm
- 28 Hinged cover (shuttle)

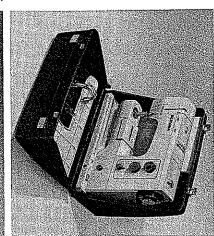
Unpacking and packing the machine

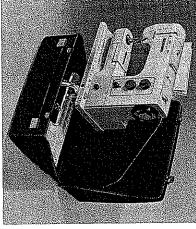
Electrical Connection

Sewing machine with foot starter, attachaccessory box are included in the case ment table, knee control lever and



best placed on the floor. After opening work-place Bernina and place it at the desired the locks, one half of the case can be To unpack the machine, the case is laid flat. It is then easy to remove the





Sewing lamp: 15 watts. clockwise and pull downwards. To insert bulb push up and turn it clockwise bulb. Press bulb upwards, turn anti-

the free-arm, is used to house the foot starter with cable and the Bernina

The container, which can be fitted on

machine is properly placed in the case. Guide. Ensure when packing that the

The illustration in the lid of the case

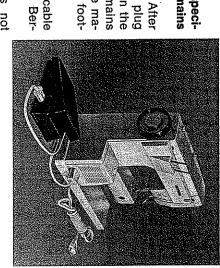
is wrongly packed the case will not shows the correct way. If the machine

> on full power. control permits extremely slow sewing foot regulator. The electronic speed This machine is fitted with an electronic

fied on machine with the existing mains Warning! First compare voltage speci-Connecting to supply chine by pressing lightly on the footplug with the socket and start the mamachine, only then connect the mains Fit special plug on foot-starter. After board of the starter. for mains and starter connection in the inserting the special combination plug

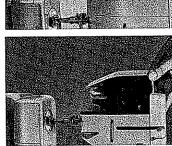
Warning! The special connecting cable may only be used for connecting Ber-

Please ensure that the cable is not pulled when removing the special plug nina sewing machines. hand. Never lift the foot control by the from the machine. Hold the plug in the



out light cover sideways to change the light switch. By pressing switch (7) the light can be switched on and off. Pull





Bobbin and Case

Winding of thread on bobbin e

very fine 60

fine 70

medium

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30-50 5

50 30

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6 5

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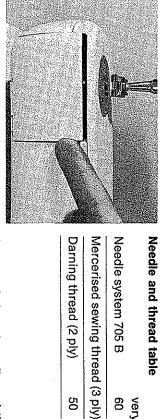
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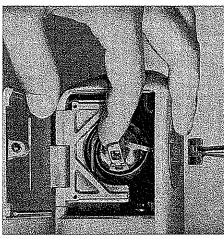
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Removing the bobbin case

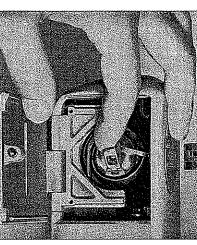


is in its highest position. hand wheel towards you until the needle Open hinged bobbin case cover. Turn

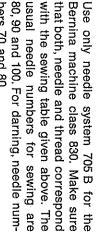


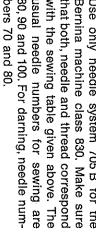


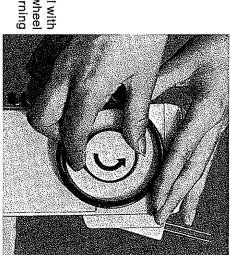
bobbin case is carried out in the same the bobbin case. The insertion of the Open the hinged latch with thumb and manner. forefinger of the left hand and remove



Correct choice of needle and thread







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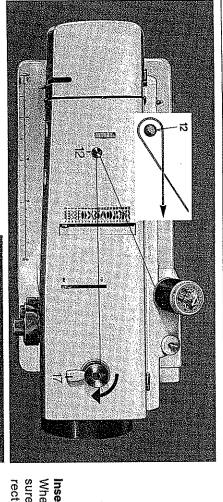
Winding of thread on bobbin

anti-clockwise. the left hand. Loosen the handwheel release with the right hand by turning Loosen handwheel: Hold handwheel with



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Inserting the bobbin



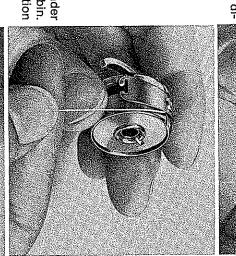
winding action stops automatically. winder is switched on. Start motor with tion - take it to the mounted bobbin. Press lever (17) towards the bobbin, the from there - as shown in the illustra-(clockwise) the pre-tension (12) and Draw thread from the spool around foot starter. When the bobbin is full the

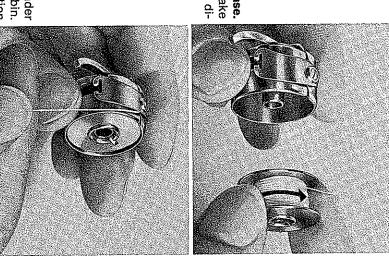
> sure that the thread unwinds in the direction of the arrow. When the bobbin is in the case make Insertion of bobbin into the bobbin case.

Draw thread through slot and then under of the arrow when unwinding. tension spring. Do not hold the bobbin. The bobbin must turn in the direction

wards and fits into the notch of the way that the finger arm is directed uping the bobbin case hold it by hinged turning the handwheel. As when removhook. Raise needle to top position by insertion of the bobbin case into the left hand. Hold bobbin case in such a latch with thumb and forefinger of the hook race cover.

Check: Pull end of thread



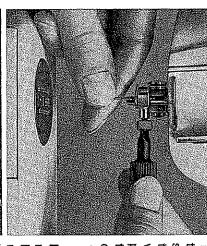


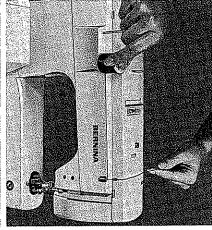
needle upwards as far as it will go with clamp screw (井) half a turn. Push the Tighten needle clamp screw. the flat side of the needle to the rear Inserting the needle. Loosen the needle

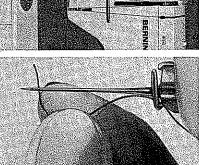
eyelet then pull it through the slot of one movement. Presser foot and takeguided from the spool to the needle in hand hold the spool steady. the tension disc (#9). With the right thread with the left hand through the tion. Place spool on pin. Guide the up lever must be in their highest posi-Threading the machine. The thread is

mately 10 cm (4 ins.). back leaving a loose end of approxilever (8) and down to the needle eye guide (5) up to the slot of the take up Now draw thread through the thread Thread the needle from the front to the

is attached, threading through the needle the presser foot with the white plate greatly simplified (see also page 9)





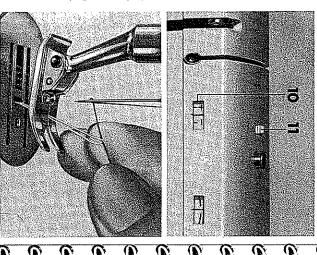


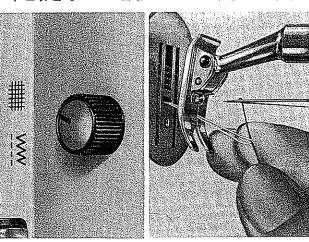
wheel (11) can be regulated for special sewing the thread tension does not have to be altered. The tension centering the unique advantage that during normal dow. + in center = Tighter tension = Black line in center of winpurposes. Four your guidance: Normal The thread tension discs. Bernina has in center = Loser tension. tension.

ser foot and lay them sideways. hole. Pull both threads under the presthread will come up through the needle the needle thread slightly and the bobbir up lever is in its highest position. Pul handwheel towards you, until the takeneedle thread loosely. Now turn the Bringing up the bottom thread. Holo

dog must be lowered. of sewing, in particular darning, the feed Lowering the feed dog. For certain types

go towards the straight stitch and zig-zag symbol. on the knob to the right as far as it wil symbol. For normal sewing turn the mark Darning. For this turn the mark on knot (23) to the left, towards the darning





The sewing table

sition by use of the handwheel when easily by pulling to the rear or side. machine; this will release the top thread means of the lever at the back of the sewing is finished. Raise presser foot by the take-up lever (8) into its highest po-Removing work. It is essential to bring Note: Never pull fabric straight out. tension and the material can be removed

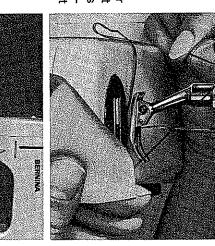
small device helps to save time, especially when scissors are not close at can be used as a thread cutter. This foot bar is made in such a way that it Thread cutter. The lever on he presser hand.

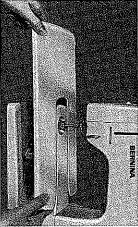
Fitting the sewing table. The attachment removed by turning the securing strap. tables is fitted in the case. It can be

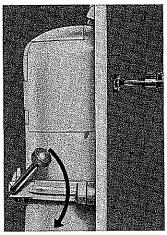
When sliding the table on the free arm, make sure that the locking lever is turned to the left. To secure the sewing table the direction of the arrow the lever must be turned to the right in

> achieve easy and perfect work. The patype of work. Only in this way will you tented Bernina presser foot clamping lever permits quick and easy changes. Use the correct presser foot for each the work is done in no time. The Bernina principle: "just clip it on!"

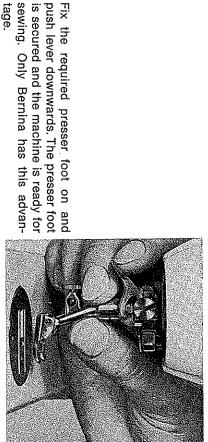
Raise presser foot by using lifting lever





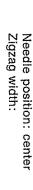


is secured and the machine is ready for push lever downwards. The presser foot Fix the required presser foot on and



presser foot Loosen clamping lever and release

Changing the presser feet



Stitch

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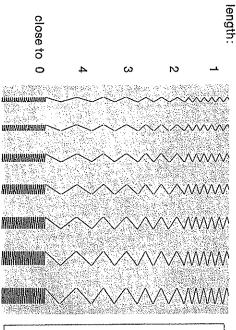
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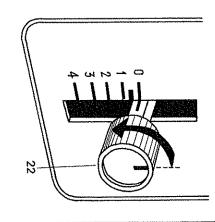
Satin stitch spacing



Zigzag sewing

behind. The line on the zigzag knob (19) allows the zigzag width to be read on the scale

use knob 19. The pointer on zigzag Setting the machine for the zigzag width: While sewing, the knob may be moved the dial behind. For straight stitching knob (19) indicates the zigzag width on freely. But never turn the knob when larger the number the wider the stitch. the width of the stitch will increase. The the pointer on the knob is set to 0. the needle is still in the fabric. Turning the knob to the right from 0-4

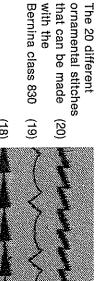


density by turning left depending on the to zero. Then set to the desired stitch It is best to sew a trial buttonhole on material and thread. Set stitch length adjustment knob (22)

remnants of the material used

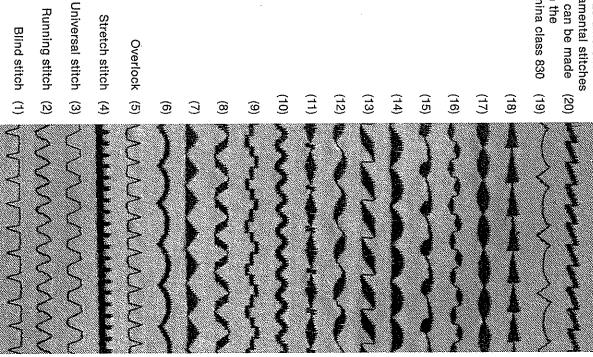
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knob (21) is at position «0». ensure that the marker of the buttonhole Before starting to sew please always



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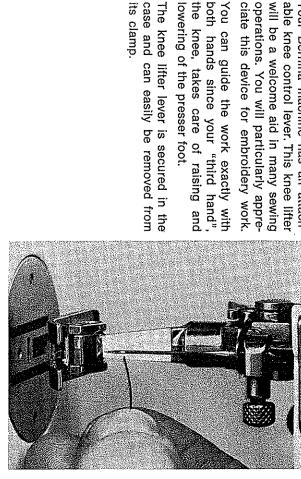
Knee control/Lifter

ciate this device for embroidery work. operations. You will particularly apprewill be a welcome aid in many sewing able knee control lever. This knee lifter You can guide the work exactly with Your Bernina machine has an attach-

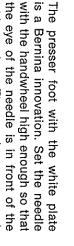
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its clamp. case and can easily be removed from The knee lifter lever is secured in the lowering of the presser foot.

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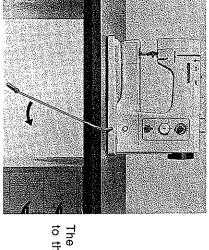


drop feed knob. Inserting the knee lever beneath the



white surface. The eye becomes much more clearly visible and threading is

thereby made considerably simpler.



The presser foot is raised by pressing to the right (in direction of arrow).

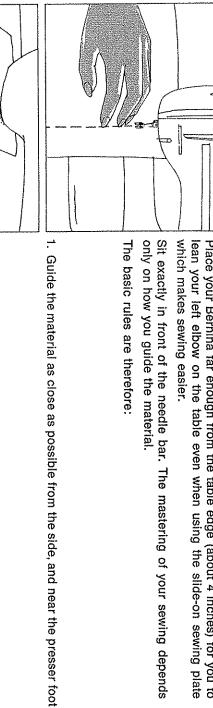
Some technical hints

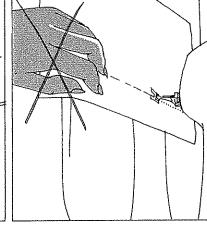
If you like to work as comfortably as possible we would advise you to observe the following points:

Place your Bernina far enough from the table edge (about 4 inches) for you to lean your left elbow on the table even when using the slide-on sewing plate which makes sewing easier.

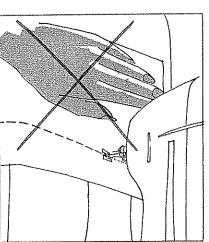
Sit exactly in front of the needle bar. The mastering of your sewing depends only on how you guide the material.

The basic rules are therefore:





2. ... not from the front



... and not with the hand flat. Nor must the material be pulled to the rear.