KA-2600

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PARTS NAME

- Release Knob
  Used for removing the carriage from the needle bed.

- Handle

- Sinker (6 pcs.)
  Used for giving equal tension to each yarn.

- Tension Dial

- Attached Tripper A
  (for Knit Leader)

- Attached Tripper B
  (for Knit Leader & Row Counter)

- End Stitch Supporter (2 pcs.)
  Used for making end stitches securely.

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HOW TO USE ACCESSORIES

(1) Tripper attachments
These two trippers operate the Row Counter and Knitleader. Attach them before you use the Intarsia Carriage.

Place Intarsia Carriage on a flat table. Holding Trippers straight, insert them into appropriate slots at rear of carriage as shown.

Attached Tripper A

Attached Tripper B

Push them in until you hear a "click" which means they are properly inserted.

(2) End stitch supporters
These are used if the end stitches fail to knit off the hooks properly.

1. Place them under needles and behind gate pegs so they lay flat on needle position indicator on either side of knitting.

2. Slide them along close to edges of knitting.

*When increasing or decreasing stitches, move the Supporters according to the position of the end stitches.
*To remove the End Stitch Supporters, reverse the above procedure.
NEEDLE POSITION

The working position of the needles when using the Intarsia Carriage is different from that of the K Carriage.

Position A: Non-working position
Position B: Needles in this position are automatically brought to D position by operating the I Carriage.

Position D: Working position
For knitting stocking stitch. Needles are aligned to this position by operating the I Carriage.

Position E: Holding position
Use this position for partial knitting.

IF THE CARRIAGE SHOULD JAM.....

Pull the Release Knob up and take I Carriage off.

Do not move the I Carriage by force.
(Dispose the I Carriage carefully and knit again.)
HOW TO USE INTARSIA CARRIAGE

This Intarsia Carriage is specially designed for easy intarsia knitting on the Bulky punch card knitting machine.
With intarsia knitting there are no long floats at the back of the fabric and several colours can be knitted in one row.

<Before knitting Intarsia ...>
1. Using K Carriage, cast on and knit one or more rows.
2. Remove yarn from the Yarn Tension Unit and the K Carriage Yarn Feeder. Break yarn and place ball on floor at your feet.
3. Prepare sufficient separate balls of yarn according to the changes in the pattern and place these also on the floor at your feet.
4. Remove K Carriage from the needlebed.

<Now let's start Intarsia Knitting>
1. Attach the Trippers onto I Carriage.
2. Slide I Carriage onto the needlebed at the opposite end to where you finished knitting.
3. Set the I Carriage tension dial to the same number as K carriage.
4. Hang the Claw Weights at both edges of your knitting.
   (Rehang them every 5 cm or so.)

5. Operate the I Carriage without knitting to align the needles in D position.
   Make sure all the needle latches are open.
   Wind back the Row Counter by 1 row and the Knitleader by 2 rows.
(6) Using a tapestry needle thread the yarns into the holes in the Sinkers as illustrated.

Tapestry needle
For Ultra Thick Yarn
For Double Knit Yarn
For Thick Yarn

(7) 1st row of Intarsia
Working from side nearest to I Carriage, lay the yarns in the open needle hooks as illustrated.
Using your right hand, move the I Carriage slowly across the needle bed and at the same time gently pull the yarn downwards with your left hand to take up the slackness.

*As the yarns will be taken up by the formation of the stitches, slide the Sinkers sufficiently far down the yarns to prevent them being caught up on the needles during knitting.
(8) 2nd row of Intarsia

Working in the opposite direction, lay the yarns in the open needle hooks. To avoid a hole appearing where the yarns meet, cross one over the other as illustrated.
Now move the carriage across the needles and knit the 2nd row.
Repeat in this way according to pattern.

How to work in the other direction

REMEMBER
*Make sure the latches are open.
If they are closed, the stitch will drop!

(9) When you finish intarsia knitting, break the yarn end and take off Sinkers.
NOTE

(TENSION GAUGE) Although the Tension Dial on the I Carriage almost corresponds to that of the K Carriage, the tension may differ slightly and can even vary according to how firmly you hold the yarn with your hand. Bear in mind this possible difference between K and I carriages when making your tension swatches.

* When deciding on the size or position of your intarsia pattern, it is preferable to use the Knitleader.
  If you do not have a Knitleader then use an intarsia diagram.

* Only join in new yarn either at the edges of your knitting or the point in the row where you intend to cross yarns. Don’t tie knots which will come in the middle of your knitting.

* Should you find a knot already in your yarn, pull this clear either at the edge of your knitting or where you will be crossing the yarns so that it won’t be knitted in. Never knit knots into your work.

* Do not operate the I Carriage without yarn as this may cause damage to the needles.

MAINTENANCE

* Oil the following parts before you knit.
  ① The metal cams on the back of the I Carriage.
  ② The metal part that touches with the rear rail of the needlebed.
  ③ The metal slit along which the rubber wheel moves.