



Flat Panel Hood on a 48-Needle Sentro Knitting Machine



Designed by Diana, Gatillo Industries



@KnittingwithDiana



This pattern creates a cozy hood using the 48-needle Sentro knitting machine in panel mode. The pattern alternates between contrasting yarn and main yarn, resulting in a snug fit perfect for cold weather. With simple construction and easy seaming, it's an ideal project for beginner and intermediate machine knitters.

Materials:

- 48-needle Sentro Knitting Machine
- Yarn A (Contrasting Yarn): Medium-weight yarn for edges
- Yarn B (Hood Yarn): Medium-weight yarn for the body of the hood
- Yarn Needle: For seaming
- Scissors
- Gauge: Not necessary for this project, but a medium-weight yarn is recommended to ensure a cozy but not overly tight fit.

Finished Size: Fits most adult heads, adjustable in height based on row count.



Beginner-Friendly

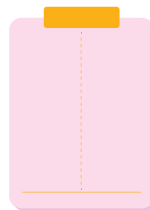


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Pattern Instructions:

Step 1

1. Set Machine to Panel Mode:

- Switch your machine to Panel Mode (P) to create a flat panel. This mode ensures that the handle stops at a certain point for creating back-and-forth rows.



2. Cast-On with Contrasting Yarn (Yarn A):

- Begin by positioning the yarn between needle 43 and needle 44. This setup ensures the proper width of your work.

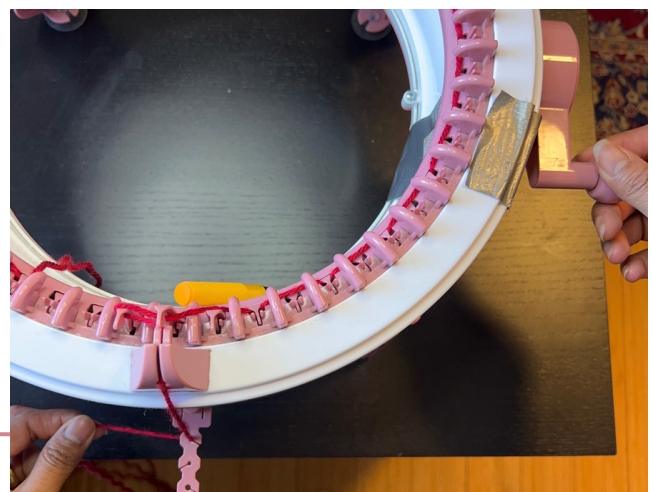


Contrasting Yarn (Yarn A) Red



- Alternate the yarn in front of and behind the needles starting from needle 44 until needle 41.

- Once the yarn is behind **needle 41**, begin turning the handle **backwards**. While doing this, hold the yarn with light tension using your left hand to ensure it hooks properly on **needle 41**.





- Continue cranking backward until needle 44. The machine will automatically stop.

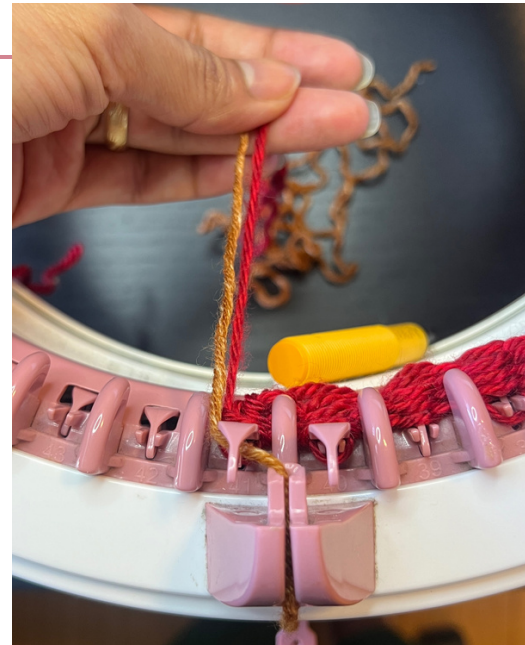
- Keep the tension steady as you crank the handle forward, laying the yarn on top of needle 46.



- Repeat this process for 6 rows with the contrasting yarn. This will form a clean edge and give you a starting point for the hood.

3. Switch to Hood Yarn (Yarn B):

- Now that your foundation is complete, leave a 2-meter long tail of the Hood yarn (Yarn B) hanging from the center. This tail will be used for seaming later.
- Place the hood yarn (Yarn B) between needle 42 and needle 41.
- Begin cranking and work 210 rows with Yarn B. (or as your desire if you are looking for a big result)



Hood Yarn (Yarn B) Brown

4. Ending with Contrasting Yarn:

- After completing 210 rows, leave 2-meter long tail of the hood yarn (Yarn B) hanging in the center. This tail will be used for seaming later.
- switch back to the contrasting yarn (Yarn A).





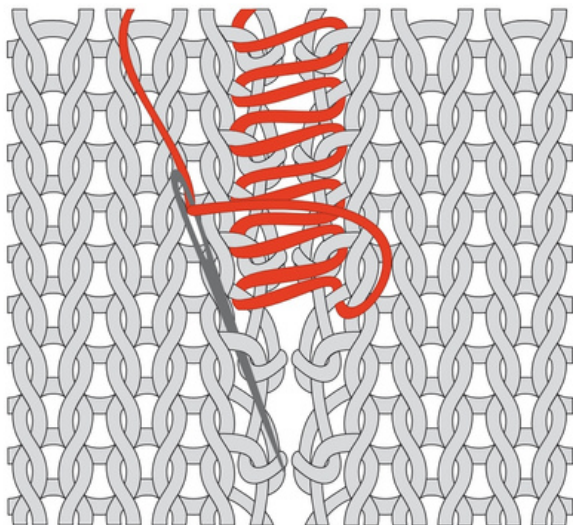
- Work 6 more rows with Contrasting Yarn (Yarn A) to match the edge you started with.

5. Bind Off:

- Crank 2 rows without yarn to release the panel from the machine.

Finishing

- After completing the knitting process, fold the flat panel in half, aligning the two contrasting yarn edges at the top and bottom.



Picture A. Sew together in mattress and kitchener stitch - two patches parallel



- Use the 2-meter tail of Hood yarn (Yarn B) to sew the sides together with a mattress stitch or whipstitch. (see reference picture A) This creates one long edge, leaving a clean seam.
- Weave in any loose ends with your yarn needle.



Inside



outside

Closing the Top Before Adding the Border:

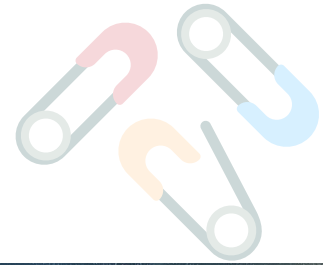
After folding the hood panel in half and sewing the two sides together with Yarn B:

- **Mark the Desired Border Length:** Use stitch markers to select the first 6 loops on each side of the top edge (this will define the portion of the hood that remains open for the border).



- **Sew the Remaining Top:** Using the tail of Yarn B, sew the unmarked loops together at the top edge of the hood, closing the upper portion. Use a mattress stitch or whipstitch for a seamless finish.
- Ensure the stitches are snug but not tight, allowing the hood to maintain its natural stretch.

Finishing the Hood with a Border



- Now that the two sides are joined, you'll create a border along the edge of the hood to give it a polished finish.

3. Create the Border with Hood Yarn (Yarn B):

- To add a polished border, use the 2 meters of leftover Hood Yarn (Yarn B). This process secures the edges and provides a clean finish.
- Follow these steps:

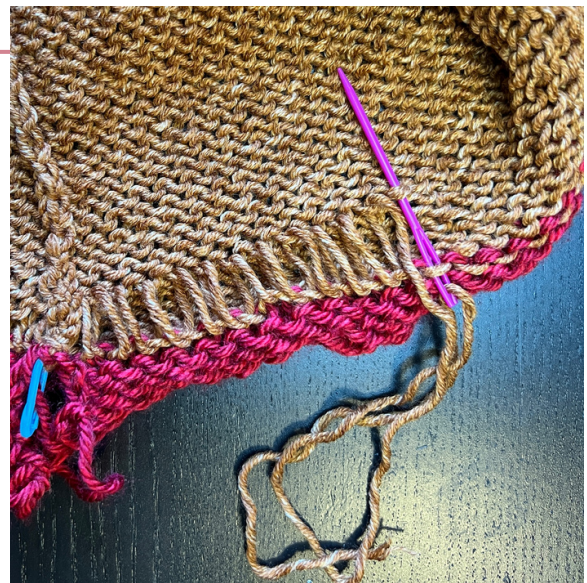
1. Mark the Border Loops:

- Using stitch markers, select the first loop from the edge of the contrasting yarn and one loop from the 6th row of Hood Yarn (Yarn B).



1. Stitch the Border:

- Thread the leftover Hood Yarn (Yarn B) into a yarn needle.
- Starting at the edge of the contrasting yarn, insert the needle through the first loop (at the edge) and then through the marked loop from the 6th row.
- Pull the yarn snug but not tight to form a neat stitch.
- Continue stitching back and forth between the edge loops and the 6th-row loops until the entire border is complete.





Finishing Touches:

- Once the border is complete, secure the yarn with a knot and weave in any loose ends with the yarn needle.
- Remove the contrasting yarn and Trim any excess yarn for a neat finish.



**Hood made with soft yarn 100 % acrylic
(Lion brand - Jean jeans Vaqueros)**



**Hood made with Solid yarn 100 % acrylic
(Red Heart - Super Saver)**



Congratulations! You've completed your cozy hood with a polished border and a snug fit. This versatile design is perfect for staying warm and stylish during chilly days. Whether it's a thoughtful handmade gift or a personal addition to your wardrobe, this hood is sure to become a favorite.

Feel free to customize your project by experimenting with different yarn colors, textures.

Thank you for choosing this pattern! I hope you've enjoyed the process as much as I enjoyed designing it. If you share your finished hood on social media, tag me @GatilloIdesigns so I can see your beautiful creations and share them with our knitting community!

"If you have any questions or suggestions, feel free to message me on

  @KnittingwithDiana

Happy knitting,

Diana

Designer, Maker, and Founder of Gatillo Industries



Here are some samples of the hood using different type yarn



Hood made with soft yarn 100 % acrylic
(Lion brand - Jean jeans Vaqueros)



Hood made with Solid yarn 100 % acrylic
(Red Heart - Super Saver)