Understanting the BERNINA Dual Feed and Walking Foot

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The Basics of Fabric Feed

→ **The BERNINA Feed Dog**(s)

- **Box feed** motion for efficient fabric feeding
- **Etched teeth** for better grip forward and backward
- **Same quality metal** from entry level to TOL

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BERNINA Dual Feed

- Available on **8, 7 and New 5 Series**
- On **9 mm machines** only
- **Matches the rear pad** of the regular feed dog
- **Speed-Adjustable on the 8 Series**
- **1:1 speed match on 7 and New 5 Series**

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Advantages / Benefits of Dual Feed

- **5x the Convenience**
- **Instantly** engaged / disengaged
- **Combines with a variety of 'D' presser feet**
  - Each foot as multiple applications
- Improves fabric feeding in **regular sewing**

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Dual Feed is Great for:

- Nearly all regular sewing
  - Garment contruction
  - Quilt piecing, etc.

- Quilting stitch on limited bulk and weight / Small quilt projects:
  - Mug Rugs
  - Pot Holders
  - Table Runners
- For Heavier projects → Walking Foot

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Tips in Using BERNINA Dual Feed

- Always have the presser **Foot in the UP** position to engage / disengage

- **Always use a D Foot** with your Dual Feed (Never use a C or plain foot!)

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Advantages / Benefits of the Walking Foot

- **5x the Performance**
- **Larger surface matching up to the Feed Dog**

- **3 Soles available for varied applications**
  - Regular (e.g. for matching plaids)
  - Open Toe: great for quilting, quilt binding
  - Center Guide: great for edge stitching, added visibility

- Works at **top speed** and with **Reverse Cycle** stitches

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Walking Foot is Great for:

→ **Heavier projects:**

- Heavy garments
- Home dec projects (e.g. upholstery)

→ **Quilting**:

- Machine quilting (with feed dog up)
- Quilt Binding: the pads feed uneven layers evenly

→ **Precision stitching:**

- Matching plaids

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Tips in Using BERNINA Walking Foot

- Make sure the **Presser foot bar is in the UP position**
- **Position the foot at the rear and to the right** before attaching
- **Engage the driving fork first**, then mount the foot

- **To change soles**: **let the machine hold the foot**:
  - attach the foot first / UP position
  - Loosen the sole screw / remove the sole
  - Insert new sole / tighten sole screw

- **Pivot around Curves** while sewing (lift / pivot / sew)

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Walking Foot #50 Variations

- **Vintage models of machines**: any machine made before the new generation in 1997 (so ***any model before and up to the 1630***) uses the old style walking foot *which is still available*

- **For models launched since 1997, prior to the B 830 introduction** and subsequent models with conventional machine head size: e.g. :
  activa, virtuosa, aurora, artista, old 5 series, 3 Series, 2 Series
  - *A new walking foot was introduced,* ***with a black fork****, to match the new machines and allowing for a needle threader. It still works for any machines in these series.*

- **After the B 830 introduction in 2008**:
  - The new walking foot was adapted to work with larger machines and has a ***silver actuating fork.***
  - ***This is the current version of the BERNINA Walking Foot # 50***
  - Use with the current **4 Series / New 5 Series / Old and New 7 series / 8 Series**
  - **This current Walking Foot #50 is compatible with all models made since 1997**

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