

Dual Feed Foot (Walking Foot)

A Dual Feed Foot is sometimes called a Walking Foot or a Even Feed Foot. Its purpose is to assist sewing bulky layers of fabric and batting or multiple fabric layers smoothly and easily and most important - EVENLY.

How it works:

Ordinarily when we sew, the feed dogs under the foot move up and down and front to back to grasp the materials and guide it through at a rate determined by the stitch length we select. While the feed dogs grip the bottom layer the presser foot glides over the top layer.

When we add thicker or multiple layers the pressure of the presser foot can cause the top layers to push forward while the feed dogs are pulling backward resulting in uneven or puckered stitching.

The Dual Feed foot has feed dogs that grasp the top layers of the fabric with the assistance of the needle screw. This allows ALL layers of materials to feed through at the same (even) rate to eliminate uneven or puckered stitching.

Additionally, This foot will come with right and/or left guides for channel quilting and topstitching. Attach these when you want to ensure that the rows of stitches are equal distances apart without having to mark the materials.

When to use:

The dual feed foot is preferred when:

Quilting - Stitching the top, batting, and backing layers together.

Binding - Finishing raw edges with single or double fold binding.

Multiple Layers - Stitching several layers of materials together, especially slippery fabrics.

Piecing - Some quilters prefer using this foot when piecing for accuracy.

How to use:

1. Take standard ankle and presser foot off the machine.
2. Place open toe dual feed foot on the presser bar with the fork of the foot over the needle clamp screw. Screw in place with the accessory thumb screw.
3. Feed teeth up. Presser foot pressure set at 2.5.
4. Select straight stitch for quilting and topstitching. Many decorative stitches sew well with the open toe dual feed foot including the hand look quilting stitch. Experiment on scraps with specialty stitches and threads before sewing your project.

Using the guides:

Dual feed foot right and left guides: Slide the guide onto the dual feed foot to guide parallel rows of stitching side by side as in channel quilting or tucking.

1. Mark and stitch the first row of stitching.
2. Slide right or left guide into slot on top of open toe dual feed foot. Use right guide when the first stitched row is on the right of the needle, left guide when the row is on the left.
3. Stitch the next row with the guide moving along the first row of stitching.
4. Continue stitching rows with the guide moving along the previous stitching row.

